

VOLUME II: CHAPTER 14

# UNCONTROLLED EMISSION FACTOR LISTING FOR CRITERIA AIR POLLUTANTS

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Prepared for:  
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Emission Inventory Improvement Program

## **DISCLAIMER**

As the Environmental Protection Agency has indicated in Emission Inventory Improvement Program (EIIP) documents, the choice of methods to be used to estimate emissions depends on how the estimates will be used and the degree of accuracy required. Methods using site-specific data are preferred over other methods. These documents are non-binding guidance and not rules. EPA, the States, and others retain the discretion to employ or to require other approaches that meet the requirements of the applicable statutory or regulatory requirements in individual circumstances.

## DISCLAIMER

**Note:** The emission factors presented in this document were taken from the Factor Information Retrieval (FIRE) database management system, version 6.23. The information in this document is not intended to serve as new guidance or policy and does not take the place of *Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources, Fifth Edition, AP-42*.

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# ABBREVIATIONS, ACRONYMS, AND SYMBOLS

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A	Ash content of fuel, by weight percent, or for fuel oil, specific factor
bbbl	Barrels
BOF	Basic Oxygen Furnace
CO	Carbon Monoxide
H.S.S.	Horizontal Stud Soderberg
Lb	Pound
LPG	Liquified Petroleum Gas
MMBtu/Yr	Million British Thermal Units per Year
NO <sub>x</sub>	Nitrogen Oxides
PM	Particulate Matter
RVP	Reid Vapor Pressure, the absolute pressure of gasoline at 100°C in psia as determined by ASTM Method D323-72
S	Sulfur content of fuel, by weight percent
SCC	Source Classification Code
SCFM	Standard Cubic Feet per Minute
SIC	Standard Industrial Classification
SO <sub>x</sub>	Sulfur Oxides
Sq. Ft.	Square Feet
tpy	tons per year
V.S.S.	Vertical Stud Soderberg
VOC	Volatile Organic Compounds
w/	with
w/o	without

# CONVERSION FACTORS

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To Convert from	To	Multiply By
Barrel (bbl) - Petroleum*	Gallon (gal)	42
Barrel (bbl)	Liter (l)	159
Gallon (gal)	Liter (l)	3.785
Inch (in)	Centimeter (cm)	2.54
Feet (ft)	Meter (m)	0.3048
Square feet (ft <sup>2</sup> )	Square meter (m <sup>2</sup> )	0.0929
Cubic feet (ft <sup>3</sup> )	Cubic meter (m <sup>3</sup> )	0.0283
Cubic feet (ft <sup>3</sup> )	Liters (l)	28.316
Cubic feet/minute	Cubic centimeter/second	472.0
Cubic yard (yd <sup>3</sup> )	Cubic meter (m <sup>3</sup> )	0.77
Board foot	Cubic meter (m <sup>3</sup> )	0.0024
Btu	Gram/calorie (g/cal)	251.98
Pound steam/hour <sup>†</sup>	Btu/hour	1400.0
Btu/hour	Watt	0.293
Pound (lb)	Kilogram (kg)	0.45
Ton	Kilogram (kg)	907.1
Pound/ton (lb/ton)	Gram/kilogram (g/kg)	0.496

\* 42 gal/bbl is the standard as used in the oil industry. For other industries, different gallons/bbl apply.

† Typical value based on common boiler design parameters. Value will vary depending upon steam temperature and pressure.

# KEY TO EMISSION FACTOR LISTING

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1. An “A” accompanying an emission factor means that this factor is the weighted average ash content of the fuel burned, expressed as a percent. See, for example, SCC 1-01-001-01 on page 14.A-2. If the weighted average ash content of the pulverized anthracite coal burned were five percent (5%), then the PM<sub>10</sub> emission factor would become 2.3 x 5, or 11.5 pounds, of PM<sub>10</sub> emitted per ton of anthracite coal burned (before control).
2. An “S” accompanying an emission factor means that this factor is the weighted average sulfur content of the fuel burned, expressed as a percent. See, for example, SCC 1-01-004-01 on page 14.A-3. If the weighed average sulfur content of the Grade 6 oil burned were three percent (3%), then the SO<sub>x</sub> emission factor would become 157 x 3, or 471 pounds of SO<sub>x</sub> emitted per one thousand gallons of Grade 6 oil burned (before control).
3. The entry “---” means that, as yet, we have no emission factor for this SCC and pollutant combination. See, for example, SCC 1-01-002-17 on page 14.A-2.
4. PM, filterable refers to **all** filterable particulate matter of **all** sizes. PM, condensible refers to all condensible particulate matter of all sizes. PM<sub>10</sub> refers only to particulate matter of aerodynamic diameter less than or equal to 10 micrometers. PM<sub>2.5</sub> refers to particulate matter of aerodynamic diameter less than or equal to 2.5 micrometers.

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# 1

## INTRODUCTION

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The Clean Air Act directs the U.S. Environmental Protection Agency (EPA) to identify and set National Ambient Air Quality Standards (NAAQS) for the most common air pollutants. EPA uses these “criteria pollutants” as indicators of air quality. These pollutants are:

- Ozone (O<sub>3</sub>);
- Carbon monoxide (CO);
- Nitrogen oxides (NO<sub>x</sub>);
- Sulfur dioxide (SO<sub>2</sub>);
- Particulate matter with aerodynamic diameter less than or equal to 10 micrometers (PM<sub>10</sub>);
- Particulate matter with aerodynamic diameter less than or equal to 2.5 micrometers (PM<sub>2.5</sub>); and
- Lead (Pb).

In addition to these pollutants, EPA also regulates emissions of volatile organic compounds (VOC) under criteria pollutant programs. VOC are ozone precursors—they react with nitrogen oxides in the atmosphere to form ozone. VOC are emitted from motor vehicle fuel distribution, chemical manufacturing, and a wide variety of industrial, commercial, and consumer solvent uses.

EPA’s current regulatory definition of VOC (40 CFR § 51.100) exempts constituents considered to be negligibly photochemically reactive. These include: methane; ethane; methylene chloride; 1,1,1-trichloroethane (TCA); several Freon compounds; acetone; perchloroethylene; and others. It is anticipated that additional compounds may be exempted from this VOC definition. The exempt compounds are considered negligibly photochemically reactive, although some can influence the formation of ozone when present in sufficient amounts. If you encounter a situation where your emission estimation methodology includes emissions exempted from EPA’s definition of VOC, you should consult with your EPA Regional Office for guidance, and document exactly what compounds you are reporting as VOC.

## 1.1 HOW WILL THIS DOCUMENT HELP ME?

This document will help state, local, and tribal air pollution control agency personnel compile an inventory of criteria air pollutant emissions from stationary point sources using the emission factor estimation approach. The information contained in this document is intended to serve as a reference guide only, and is not intended to serve as new guidance or policy.

## 1.2 WHAT IS THE PURPOSE OF THIS DOCUMENT?

The purpose of this document is to provide uncontrolled emission factors from the Factor Information Retrieval (FIRE) database management system, version 6.23 to inventory preparers in an easy-to-use format. Data for only criteria air pollutants are included; this document does NOT provide emission factors for hazardous air pollutants nor does it take the place of *Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources, Fifth Edition, AP-42*.

## 1.3 WHAT ASSUMPTIONS WERE MADE IN PREPARING THIS DOCUMENT?

This document was prepared based on the following assumptions:

- That agency personnel using this document are experienced in developing emission inventories using the emission factor estimation approach;
- That inexperienced agency personnel have access to helpful technical information within their agency and have experienced staff available as technical resources;
- That agency personnel are familiar with EPA and Emission Inventory Improvement Program (EIIP) published procedures for compiling emission inventories; and
- That agency personnel who are not familiar with these published procedures have access to these guidance materials through the World Wide Web or other means.

For the inexperienced inventory preparer, please visit the following websites and review the emission inventory guidance materials.

- <http://www.epa.gov/ttn/chief/>
- <http://www.epa.gov/ttn/chief/eiip/>

One useful document found on the CHIEF website is *Handbook for Criteria Pollutant Inventory Development: A Beginner's Guide for Point and Area Sources*. This represents the EPA's most recent guidance on preparing criteria air pollutant inventories. The EIIP website has a series of emission inventory development guidance documents available for downloading as well. In fact, this document that you are reading is also available on the EIIP website. Most, if not all, of the documents available on the above listed websites are also available in hard copy from the National Technical Information Service (NTIS).

## 1.4 HOW WAS THIS DOCUMENT PREPARED?

All of the uncontrolled emission factors presented in this document were taken from the FIRE database management system, version 6.23. FIRE is a database management system containing EPA's recommended emission factors for criteria and hazardous air pollutants. In addition to emission factors, FIRE includes information about industries and their processes and the chemicals emitted. FIRE allows access to criteria and hazardous air pollutant emission factors obtained from *AP-42*, the *Locating and Estimating (L&E)* document series, and the retired AFSEF and XATEF documents. For those that want to access FIRE directly, you may download the database management system at <http://www.epa.gov/ttn/chief/>.

Users can browse through records in the database or can select specific emission factors by source classification code (SCC), by pollutant name or Chemical Abstract Services (CAS) registry number, or by control device type or code. SCCs are 8-digit codes used to categorize individual processes or unit operations which generate air emissions. A code may correspond to a particular boiler type, a process heater, a reactor vent, etc. A single boiler may have two or more SCCs if it burns more than one fuel oil. FIRE 6.23 contains all of the emission factors from *AP-42* through Supplement F (through September 30, 2000) of the Fifth Edition.

The criteria air pollutant emission factors from FIRE 6.23 were consolidated by SCC and major standard industrial classification (SIC) code. The SIC Codes categorize the U.S. economy by numbered segments. The nine major categories are: agriculture, forestry, and fishing; mining; construction; manufacturing; transportation, communications, and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more of these SCCs. Without an appropriate SCC, a process or operation cannot be properly identified and classified for accurate emissions estimations.

Because FIRE does not contain SIC codes, a database linking SIC codes to SCC codes was developed. This database was then used to associate each uncontrolled emission factor in FIRE with an SIC/SCC combination. For example, electric generating boilers (those whose SCCs beginning with 1-01 and 2-01) relate to SIC Code 4911, Electric Services, because they are



located in establishments engaged in the generation, transmission, and/or distribution of electric energy for sale.

This database was compiled using a multi-step process. In the first step, the established SIC/SCC combinations were obtained from the document *AIRS Facility Subsystem Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants*.

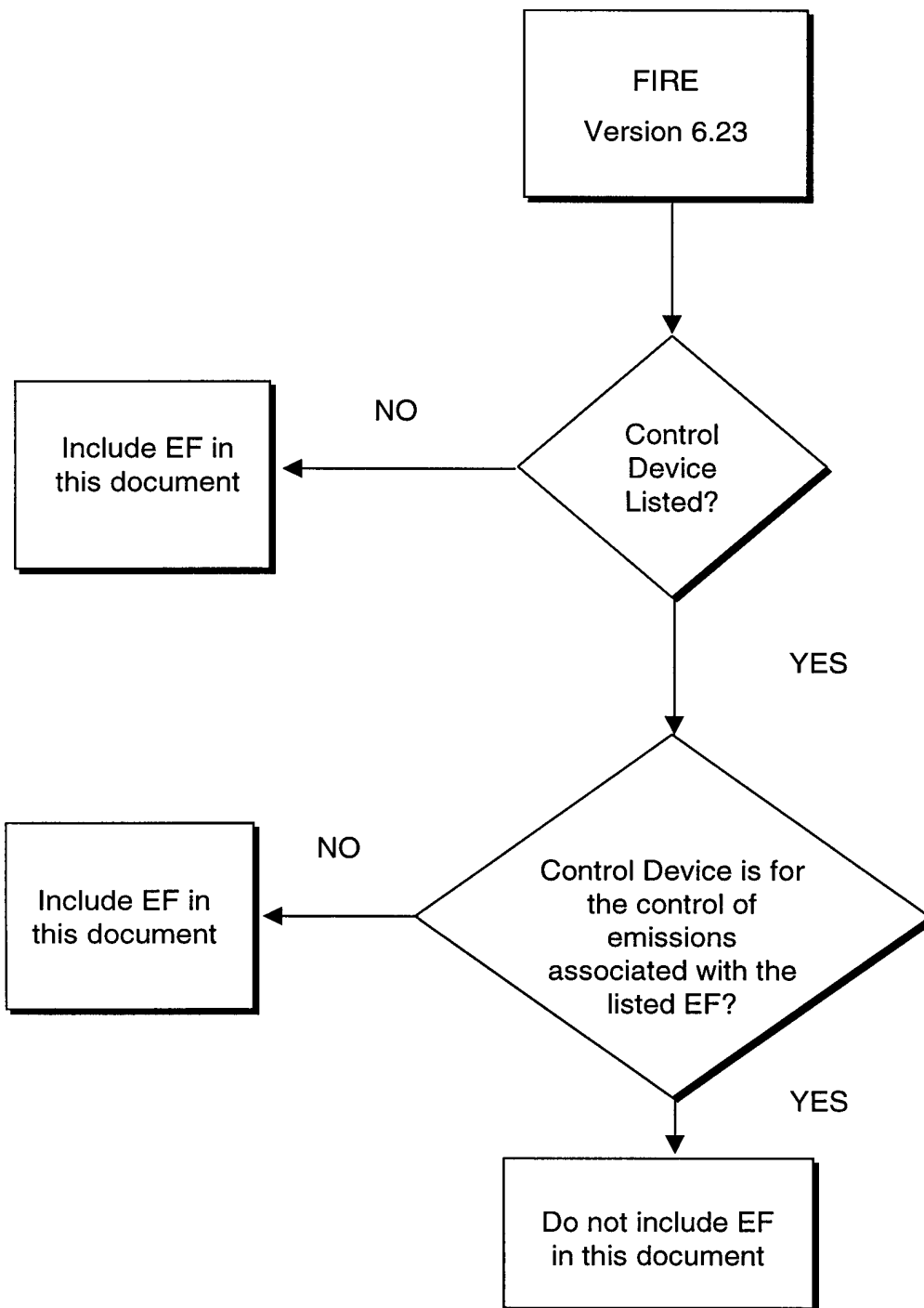
In the second step, the database was supplemented with SIC/SCC combinations that were included in the 1996 National Emissions Trends (NET) system. In the third step, SIC/SCC combinations were obtained from records in the 1996 National Toxics Inventory (NTI). Finally, for all other SCCs, a corresponding SIC code was identified using keyword searches based solely on the description of the SCC. In this last step, the following website was used to identify applicable SIC codes: <http://www.osha.gov/oshstats/sicser.html>.

The uncontrolled emission factors presented in this document were extracted from FIRE 6.23 following a two-step process as shown in Figure 14.1-1. In the first step, the emission factors listed in FIRE with no associated control device were identified and incorporated into this document. In the second step, emission factors with associated control device(s) in FIRE were analyzed further to determine whether the listed control device actually controls the associated pollutant, or whether the listed control device controls emissions of other pollutants from this same process. For example, in FIRE, emission factors for five pollutants emitted from a boiler equipped with a multicyclone appeared as controlled factors. However, in this case, the multicyclone only controls PM and Pb emissions, not CO, NO<sub>x</sub>, or VOC. Thus, the controlled emission factors for PM and Pb were omitted from this document, and the uncontrolled emission factors for CO, NO<sub>x</sub>, and VOC were incorporated.

## 1.5 HOW IS THIS DOCUMENT ORGANIZED?

This document is divided into two major parts. The main body consists of the supporting text and example calculations. The second part of this document contains the appendices that complement the main body.

- Appendix A contains the uncontrolled criteria pollutant emission factor listing.
- Appendix B contains the limited number of uncontrolled emission factors (from FIRE 6.23) for PM<sub>2.5</sub>.



**FIGURE 14.1-1. DECISION PROCESS FOR INCLUDING CRITERIA POLLUTANT EMISSION FACTORS**

- Appendix C contains SCCs for which more than one emission factor was available. Additional information is included to help the user decide which emission factor he/she should select for their particular situation.
- Appendix D contains six-digit SCCs with multiple SIC linkings.
- Appendix E contains a list of MACT Source Classification Codes.

## 1.6 HOW DO I USE THE INFORMATION IN THIS DOCUMENT?

The information presented in this document can be used to estimate emissions using the emission factor methodology approach. Figure 14.1-2 shows how to use the data contained in Appendix A, Uncontrolled Emission Factor Listing.

If no uncontrolled criteria pollutant emission factors are available for a particular SCC (see SCC 1-01-002-38), then the default SCC Unit Description is listed. The reader should note that there may be multiple unit descriptions.

Emission factors allow the development of generalized estimates of emissions from source categories or individual sources within a category. Emission factors, used extensively in point source inventories, estimate the rate at which a pollutant is released to the atmosphere as a result of some process activity. For example, the emission factor for NO<sub>x</sub> emissions from the combustion of anthracite coal is 9 pounds of NO<sub>x</sub> per 1 ton of coal burned (9 lb/ton). If you know the emission factor and the corresponding activity level for a process, you can estimate the emissions. In most cases, emission factors are expressed simply as a single number, with the underlying assumption that a linear relationship exists between emissions and the specified activity level over the probable range of application. The use of emission factors is straightforward when the relationship between process data and emissions is direct and relatively uncomplicated. Note, however, that emission factors may be developed assuming no control device is in place. These are referred to as “uncontrolled emission factors” and are what appear in this document. When emission factors are derived from data that were obtained from facilities with a control device in place, then emission factors are referred to as “controlled emission factors.” Controlled emission factors are not included in this document.

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM10 Lbs/Unit	<sup>5</sup> PM cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>External Combustion Boilers - Electric Generation</i>										
<i>Anthracite Coal - 4911</i>										
1-01-001-01	Pulverized Coal	10 A	2.3A	--	39 S	18	0.07	0.6	0.0089	Tons Burned
1-01-001-02	Traveling Grate (Overfeed) Stoker	0.8 A	4.8	0.08A	39 S	9	0.07	0.6	0.0089	Tons Burned
<i>Bituminous Coal - 4911</i>										
1-01-002-01	Pulverized Coal: Wet Bottom	7A	2.6 A	--	38 S	31	--	0.5	0.000507	footnote 12
1-01-002-02	Pulverized Coal: Dry Bottom	10 A	2.3 A	--	38 S	See App. C	--	0.5	0.000507	footnote 12
1-01-002-03	Cyclone Furnace	2 A	0.26 A	--	38 S	33	--	0.5	0.000507	footnote 12
1-01-002-04	Spreader Stoker	66	13.2	--	38 S	11	--	5	0.000507	footnote 12

\*If no uncontrolled criteria pollutant emission factors are available for a particular SCC (see SCC1-01-002-38), then the default SCC unit description is listed.

FIGURE 14.1-2. HOW TO INTERPRET THE DATA IN THIS DOCUMENT

Emission factors are usually expressed as the weight of pollutant divided by a unit weight, volume, distance, or duration of the activity emitting the pollutant. To calculate emissions using emission factors, three basic inputs to the estimation algorithm are required:

- Activity information for the process as specified by the relevant emission factor;
- An emission factor to translate activity information into uncontrolled or controlled emission estimates; and
- When applicable, information on capture and control efficiencies<sup>1</sup> of any control device when using an “uncontrolled” emission factor, such as those presented in this document.

**The basic emission estimation equation when using an uncontrolled emission factor is:**

$$E = A \times EF$$

where:

E	=	emission estimate for the process
A	=	activity level such as throughput
EF	=	emission factor assuming no control

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<sup>1</sup> For a discussion about control device efficiencies, see EIIP Volume II: Point Sources Chapter 12, *How to Incorporate the Effects of Air Pollution Control Device Efficiencies and Malfunctions into Emission Inventory Estimates*.

### Example 1--Coal-fired Industrial Boiler

This example illustrates the procedures to calculate emissions from an industrial boiler firing anthracite coal.

#### Assumed Operating Parameters

Coal type: Anthracite  
 Annual coal consumption: 928,000 tons per year (tpy)  
 Ash content of coal: 7 percent  
 Sulfur content of coal: 1.87 percent

Particulate emissions are controlled with a 75 percent efficient cyclone. Sulfur oxide emissions are controlled with a 93 percent efficient limestone injection system. (Reference: EIIP Point Sources Committee. Volume II, Chapter 12, *How to Incorporate the Effects of Air Pollution Control Device Efficiencies and Malfunctions Into Emission Inventory Estimates.*)

Boiler Type: Traveling grate stoker (SCC 1-01-001-02)

#### Emission Factors

Appendix A, page A.2 provides emission factors for pollutants from anthracite coal combustion in stoker fired boilers:

Particulate matter (PM): = 0.8A lb/ton for PM where A is the ash content of coal in weight percent  
 Lead (Pb): = 8.9E-03 lb/ton  
 Nitrogen oxides (NO<sub>x</sub>): = 9 lb/ton  
 Sulfur dioxide (SO<sub>2</sub>): = 39S lb/ton where S is the weight percent of sulfur in the coal  
 Carbon monoxide (CO): = 0.6 lb/ton

**Example 1--Coal-fired Industrial Boiler (Continued)**Estimating Uncontrolled Emissions

The general equation for estimating uncontrolled emissions of Pb, NO<sub>x</sub>, and CO from anthracite coal combustion in boilers is as follows:

$$\text{Boiler Emissions} = \text{Annual Coal Consumption} \times \text{Emission Factor}$$

$$\begin{aligned} \text{Pb} &= 928,000 \text{ tons/year} \times 8.9\text{E-}03 \text{ lb/ton} = 8,259 \text{ lb/year} = 4.1 \text{ tpy} \\ \text{NO}_x &= 928,000 \text{ tons/year} \times 9 \text{ lb/ton} = 8,352,000 \text{ lb/year} = 4,176 \text{ tpy} \\ \text{CO} &= 928,000 \text{ tons/year} \times 0.6 \text{ lb/ton} = 556,800 \text{ lb/year} = 278 \text{ tpy} \end{aligned}$$

The general equation for estimating uncontrolled emissions of PM from anthracite coal combustion in boilers is as follows:

$$\begin{aligned} \text{PM Emissions} &= \text{Annual Coal Consumption} \times (\text{Emission Factor} \times \text{Coal Ash Content}) \\ \text{PM} &= 928,000 \text{ tons/year} \times (0.8 \text{ lb/ton} \times 7) = 5,196,800 \text{ lb/year} \\ &= 2,598 \text{ tpy} \end{aligned}$$

The general equation for estimating uncontrolled emissions of SO<sub>2</sub> from anthracite coal combustion in boilers is as follows:

$$\begin{aligned} \text{SO}_2 \text{ Emissions} &= \text{Annual Coal Consumption} \times (\text{Emission Factor} \times \text{Coal Sulfur Content}) \\ \text{SO}_2 &= 928,000 \text{ tons/year} \times (39 \text{ lb/ton} \times 1.87) = 67,679,040 \text{ lb/year} \\ &= 33,840 \text{ tpy} \end{aligned}$$

**Example 1--Coal-fired Industrial Boiler (Continued)**Estimating Controlled Emissions

Particulate emissions are controlled with a 75 percent efficient cyclone and SO<sub>2</sub> emissions are controlled with a 93 percent efficient limestone injection system. The general equation for estimating controlled emissions of PM and SO<sub>2</sub> is as follows:

$$\text{Controlled Emissions} = \text{Uncontrolled Emissions} \times (1 - \text{Control Efficiency}/100)$$

$$\begin{aligned} \text{PM} &= 2,598 \text{ tpy} \times (1-75/100) = 2,598 \text{ tpy} \times (0.25) = 650 \text{ tpy} \\ \text{SO}_2 &= 33,840 \text{ tpy} \times (1-93/100) = 33,840 \text{ tpy} \times (0.07) = 2,369 \text{ tpy} \end{aligned}$$



**Example 2--Natural Gas And Number 6 Fuel Oil Fired Electric Generating Boiler Emissions**

This example illustrates the use of emission factors to estimate emissions from an electric generating non-tangential boiler with an overall heat input of 14 MMBtu per hour firing natural gas and Number 6 fuel oil. This boiler was constructed in 1990.

Assumed Operating Parameters*Natural Gas* (SCC 1-01-006-01)

Annual Consumption: 99,885 MMBtu/year

Heating Value: 1,032 Btu/scf

Usage: 81% of the time

*Number 6 Fuel Oil* (SCC 1-01-004-01)

Annual Consumption: 147,983 gal/year

Heating Value: 150,000 Btu/gal

Sulfur Content: 1 percent

Nitrogen Content: 0.4 percent

Usage: 19% of the time

Emission Factors

Appendix A, pages A-3 and A-4 provides emission factors for pollutants from electric generating boilers firing Number 6 fuel oil and natural gas, respectively.

*Natural Gas*

PM: 1.9 lb/10<sup>6</sup> scf of gas burned

SO<sub>x</sub> as SO<sub>2</sub>: 0.6 lb/10<sup>6</sup> scf of gas burned

NO<sub>x</sub>: 190 lb/10<sup>6</sup> scf of gas burned

CO: 84 lb/10<sup>6</sup> scf of gas burned

### Example 2--Natural Gas And Number 6 Fuel Oil Fired Electric Generating Boiler Emissions (Continued)

#### Number 6 Fuel Oil

All emission factors for Number 6 fuel oil are obtained from Appendix A on page A-8:

PM:  $[9.19(S) + 3.22]$  lb/10<sup>3</sup> gal burned where S is the weight percent of sulfur in the oil  
 PM emission factor =  $[9.19(1) + 3.22]$  lb/10<sup>3</sup> gal  
 = 12.41 lb/10<sup>3</sup> gal of oil burned

SO<sub>x</sub> as SO<sub>2</sub>: 157(S) lb/10<sup>3</sup> gal where S is the weight percent of sulfur in the oil  
 SO<sub>2</sub> emission factor = 157(1) = 157 lb/10<sup>3</sup> gal of oil burned

SO<sub>x</sub> as SO<sub>3</sub>\*: 2(S) lb/10<sup>3</sup> gal where S is the weight percent of sulfur in the oil  
 SO<sub>3</sub> emission factor = 2(1) = 2 lb/10<sup>3</sup> gal of oil burned

NO<sub>x</sub>: 47 lb/10<sup>3</sup> gal of oil burned

CO: 5 lb/10<sup>3</sup> gal of oil burned

#### Estimating Uncontrolled Emissions by Fuel Type

##### *Natural Gas*

The general equation for estimating natural gas consumption in scf/year is as follows:

$$\begin{aligned} \text{Annual Consumption} &= \frac{\text{Annual Heat Input}}{\text{Natural Gas Heating Value}} \\ &= \frac{99,885 \times 10^6 \text{ Btu/year}}{1,032 \text{ Btu/scf}} = 96.8 \times 10^6 \text{ scf/year} \end{aligned}$$

\* Refer to AP-42 Section 1.3 for SO<sub>3</sub> emission factors.

### Example 2--Natural Gas And Number 6 Fuel Oil Fired Electric Generating Boiler Emissions (Continued)

The general equation for estimating uncontrolled emissions from natural gas combustion follows:

$$\text{Natural Gas Emissions} = \text{Annual Gas Consumption} \times \text{Emission Factor}$$

PM	=	$96.8 \times 10^6 \text{ scf/year} \times 1.9 \text{ lb}/10^6 \text{ scf}$	=	184 lb/year	=	0.09 tpy
SO <sub>x</sub>	=	$96.8 \times 10^6 \text{ scf/year} \times 0.6 \text{ lb}/10^6 \text{ scf}$	=	58 lb/year	=	0.03 tpy
NO <sub>x</sub>	=	$96.8 \times 10^6 \text{ scf/year} \times 190 \text{ lb}/10^6 \text{ scf}$	=	18,392 lb/year	=	9.2 tpy
CO	=	$96.8 \times 10^6 \text{ scf/year} \times 84 \text{ lb}/10^6 \text{ scf}$	=	8,131 lb/year	=	4.07 tpy

#### Number 6 Fuel Oil

The general equation for estimating uncontrolled emissions from Number 6 fuel oil combustion in an industrial boiler is as follows:

$$\text{Number 6 Fuel Oil Emissions} = \text{Annual Fuel Oil Consumption} \times \text{Emission Factor}$$

PM	=	$147,983 \text{ gal/year} \times 12.41 \text{ lb}/10^3 \text{ gal}$	=	1,836 lb/year	=	0.92 tpy
SO <sub>x</sub> as SO <sub>2</sub>	=	$147,983 \text{ gal/year} \times 157 \text{ lb}/10^3 \text{ gal}$	=	23,233 lb/year	=	11.6 tpy
SO <sub>x</sub> as SO <sub>3</sub>	=	$147,983 \text{ gal/year} \times 2 \text{ lb}/10^3 \text{ gal}$	=	296 lb/year	=	0.15 tpy
NO <sub>x</sub> as NO <sub>2</sub>	=	$147,983 \text{ gal/year} \times 47 \text{ lb}/10^3 \text{ gal}$	=	6,955 lb/year	=	3.5 tpy
CO	=	$147,983 \text{ gal/year} \times 5 \text{ lb}/10^3 \text{ gal}$	=	740 lb/year	=	0.37 tpy

Total SO<sub>x</sub> emissions from the combustion of Number 6 fuel oil is given by the following equation:

$$\text{SO}_x \text{ Emissions} = \text{SO}_2 \text{ emissions} + \text{SO}_3 \text{ emissions} = 11.6 + 0.15 = 11.75 \text{ tpy}$$

**Example 2--Natural Gas And Number 6 Fuel Oil Fired Electric Generating Boiler Emissions (Continued)**Estimating Total Uncontrolled Emissions

Total Emissions = Natural Gas Emissions + Number 6 Fuel Oil Emissions

Total PM = 0.09 tpy + 0.92 tpy = 1.01 tpy  
Total SO<sub>x</sub> = 0.03 tpy + 11.75 tpy = 11.78 tpy  
Total NO<sub>x</sub> = 9.2 tpy + 3.5 tpy = 12.7 tpy  
Total CO = 4.07 tpy + 0.37 tpy = 4.44 tpy

## **1.7 WHOM DO I CONTACT FOR HELP?**

### **Emission Factors**

Comments, questions, or requests for assistance should be addressed to:

InfoCHIEF Hotline  
Phone: (919) 541-1000 or  
E-mail: [info.chief@epa.gov](mailto:info.chief@epa.gov)

### **Source Classification Codes**

Comments, questions, or requests for assistance should be addressed to:

Roy Huntley  
U.S. Environmental Protection Agency  
Emission Factor and Inventory Group  
Phone: (919) 541-1060  
E-mail: [huntley.roy@epa.gov](mailto:huntley.roy@epa.gov)

# 2

## REFERENCES

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EPA 2000. Factor Information Retrieval (FIRE) System, Version 6.23. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.

EPA 1999. *Handbook for Criteria Pollutant Inventory Development: A Beginner's Guide for Point and Area Sources*. EPA-454/R-99-037. Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.

EPA 1995. *Compilation of Air Pollutant Emission Factors. Volume I: Stationary Point and Area Sources, Fifth Edition, AP-42*. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.

EPA 1995. *FIRE Version 5.0 Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants*. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.

EPA. 1990. *AIRS Facility Subsystem Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants*. EPA-450/4-90-003. Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.

U.S. Department of Commerce. 1994. *U.S. Industrial Outlook 1994*. Washington, D.C.

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**APPENDIX A**

**UNCONTROLLED EMISSION  
FACTOR LISTING**



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## KEY TO EMISSION FACTOR LISTING

1. An “A” accompanying an emission factor means that this factor is the weighted average ash content of the fuel burned, expressed as a percent. See, for example, SCC 1-01-001-01 on page 14.A-2. If the weighted average ash content of the pulverized anthracite coal burned were five percent (5%), then the  $PM_{10}$  emission factor would become  $2.3 \times 5$ , or 11.5 pounds, of  $PM_{10}$  emitted per ton of anthracite coal burned (before control).
2. An “S” accompanying an emission factor means that this factor is the weighted average sulfur content of the fuel burned, expressed as a percent. See, for example, SCC 1-01-004-01 on page 14.A-3. If the weighed average sulfur content of the Grade 6 oil burned were three percent (3%), then the  $SO_x$  emission factor would become  $157 \times 3$ , or 471 pounds of  $SO_x$  emitted per one thousand gallons of Grade 6 oil burned (before control).
3. The entry “---” means that, as yet, we have no emission factor for this SCC and pollutant combination. See, for example, SCC 1-01-002-17 on page 14.A-2.
4. PM, filterable refers to all filterable particulate matter of **all** sizes. PM, condensible refers to all condensible particulate matter of all sizes.  $PM_{10}$  refers only to particulate matter of aerodynamic diameter less than or equal to 10 micrometers.  $PM_{2.5}$  refers to particulate matter of aerodynamic diameter less than or equal to 2.5 micrometers.

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><u>EXTERNAL COMBUSTION BOILERS</u></b>										
<b><u>EXTERNAL COMBUSTION BOILERS -Electric Generation</u></b>										
<b><u>Anthracite Coal - 4911</u></b>										
1-01-001-01	Pulverized Coal	10A	2.3A	---	39S	18	0.07	0.6	0.0089	Tons Burned
1-01-001-02	Traveling Grate (Overfeed) Stoker	0.8A	4.8	0.08A	39S	9	0.07	0.6	0.0089	Tons Burned
<b><u>Bituminous Coal - 4911</u></b>										
1-01-002-01	Pulverized Coal: Wet Bottom	7A	2.6A	---	38S	31	---	0.5	0.000507	Footnote 12
1-01-002-02	Pulverized Coal: Dry Bottom	10A	2.3A	---	38S	See App. C	---	0.5	0.000507	Footnote 12
1-01-002-03	Cyclone Furnace	2A	0.26A	---	38S	33	---	0.5	0.000507	Footnote 12
1-01-002-04	Spreader Stoker	66	13.2	---	38S	11	---	5	0.000507	Footnote 12
1-01-002-05	Traveling Grate (Overfeed) Stoker	16	6	---	38S	7.5	---	6	0.000507	Footnote 12
1-01-002-11	Wet Bottom (Tangential)	---	---	---	38S	14	---	0.5	---	Tons Burned
1-01-002-12	Pulverized Coal: Dry Bottom (Tangential)	10A	2.3A	---	38S	See App. C	---	0.5	---	Tons Burned
1-01-002-15	Cell Burner	---	---	---	38S	31	---	0.5	---	Tons Burned
1-01-002-17	Atmospheric Fluidized Bed Combustion: Bubbling Bed	17	12.4	---	Footnote 13	15.2	---	18	---	Tons Burned
1-01-002-18	Atmospheric Fluidized Bed Combustion: Circulating Bed	17	12.4	---	Footnote 13	5	---	18	---	Tons Burned
<b><u>Subbituminous Coal - 4911</u></b>										
1-01-002-21	Pulverized Coal: Wet Bottom	7A	2.6A	---	35S	24	---	0.5	0.000507	Footnote 14
1-01-002-22	Pulverized Coal: Dry Bottom	10A	2.3A	---	35S	See App. C	---	0.5	0.000507	Footnote 14
1-01-002-23	Cyclone Furnace	2A	0.26A	---	35S	17	---	0.5	0.000507	Footnote 14
1-01-002-24	Spreader Stoker	66	13.2	---	35S	8.8	---	5	0.000507	Footnote 14
1-01-002-25	Traveling Grate (Overfeed) Stoker	16	6	---	35S	7.5	---	6	0.000507	Footnote 14
1-01-002-26	Pulverized Coal: Dry Bottom Tangential	10A	2.3A	---	35S	See App. C	---	0.5	---	Tons Burned
1-01-002-35	Cell Burner	---	---	---	35S	14	---	0.5	---	Tons Burned
1-01-002-38	Atmospheric Fluidized Bed Combustion - Circulating Bed	---	---	---	---	---	---	---	---	Tons Burned
<b><u>Lignite - 4911</u></b>										
1-01-003-00	Pulverized Coal: Wet Bottom	---	---	---	---	---	---	---	---	Tons Burned
1-01-003-01	Pulverized Coal: Dry Bottom, Wall Fired	<sup>15</sup> 5.2A	<sup>16</sup> 0.79*(2.3A)	---	<sup>17</sup> 30S	See App. C	---	0.25	---	Tons Burned
1-01-003-02	Pulverized Coal: Dry Bottom, Tangential Fired	<sup>15</sup> 6.5A	<sup>15</sup> 2.3A	---	<sup>17</sup> 30S	7.1	---	0.6	---	Tons Burned
1-01-003-03	Cyclone Furnace	<sup>15</sup> 6.7A	---	---	<sup>17</sup> 30S	15	---	0.6	---	Tons Burned
1-01-003-04	Traveling Grate (Overfeed) Stoker	<sup>15</sup> 3.4A	---	0.04	<sup>17</sup> 30S	6	---	6	---	Footnote 18

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Lignite - 4911</u></i>										
1-01-003-06	Spreader Stoker	<sup>15</sup> 8A	<sup>15</sup> 1.6A	0.04	<sup>17</sup> 30S	5.8	---	5	---	Footnote 18
1-01-003-16	Atmospheric Fluidized Bed (See 101003-17 & -18)	---	---	---	<sup>19</sup> 10S	3.6	---	0.15	---	Tons Burned
1-01-003-17	Atmospheric Fluidized Bed Combustion - Bubbling Bed	---	---	---	<sup>17</sup> 10S	3.6	---	---	---	Tons Burned
1-01-003-18	Atmospheric Fluidized Bed Combustion - Circulating Bed	---	---	---	---	3.6	---	0.15	---	Tons Burned
<i><u>Residual Oil - 4911</u></i>										
1-01-004-01	Grade 6 Oil: Normal Firing	<sup>20</sup> 9.19S + 3.22	<sup>20</sup> 6.61S + 2.18	1.5	<sup>21</sup> 157S	47	---	5	0.00151	1000 Gallons Burned
1-01-004-04	Grade 6 Oil: Tangential Firing	<sup>20</sup> 9.19S + 3.22	<sup>20</sup> 6.61S + 2.18	1.5	<sup>21</sup> 157S	32	---	5	0.00151	1000 Gallons Burned
1-01-004-05	Grade 5 Oil: Normal Firing	10	<sup>22</sup> 5.9A	---	<sup>21</sup> 157S	47	---	5	0.0024	1000 Gallons Burned
1-01-004-06	Grade 5 Oil: Tangential Firing	10	<sup>22</sup> 5.9A	---	<sup>21</sup> 157S	32	---	5	---	1000 Gallons Burned
<i><u>Distillate Oil - 4911</u></i>										
1-01-005-01	Grades 1 and 2 Oil	2	1	1.3	143.6S	24	0.2	5	0.000009	Footnote 23
1-01-005-04	Grade 4 Oil: Normal Firing	7	<sup>22</sup> 5.9A	---	<sup>21</sup> 150S	47	---	5	---	Footnote 24
1-01-005-05	Grade 4 Oil: Tangential Firing	7	5	---	<sup>21</sup> 150S	32	---	5	---	Footnote 24
<i><u>Natural Gas - 4911</u></i>										
1-01-006-01	Boilers > 100 Million Btu/hr except Tangential	1.9	---	5.7	<sup>21</sup> 0.6	See App. C	5.5	84	0.0005	Million Cubic Feet Burned
1-01-006-02	Boilers < 100 Million Btu/hr except Tangential	1.9	---	5.7	<sup>21</sup> 0.6	100	5.5	84	0.0005	Million Cubic Feet Burned
1-01-006-04	Tangentially Fired Units	1.9	---	5.7	<sup>21</sup> 0.6	170	5.5	24	0.0005	Million Cubic Feet Burned
<i><u>Process Gas - 4911</u></i>										
1-01-007-01	Boilers > 100 Million Btu/hr	3	3	---	950S	280	5.5	84	---	Million Cubic Feet Burned
1-01-007-02	Boilers < 100 Million Btu/hr	3	3	---	950S	100	6	84	---	Million Cubic Feet Burned
<i><u>Coke - 4911</u></i>										
1-01-008-01	All Boiler Sizes	10A	7.9A	---	39S	21	0.07	0.6	---	Tons Burned
<i><u>Wood/Bark Waste - 4911</u></i>										
1-01-009-01	Bark-fired Boiler	47	17	---	---	---	---	---	0.0029	Footnote 25
1-01-009-02	Wood/Bark Fired Boiler	7.2	6.5	---	---	---	---	---	---	Tons Burned
1-01-009-03	Wood-fired Boiler	8.8	---	---	---	---	---	---	---	Tons Burned
1-01-009-10	Fuel cell/Dutch oven boilers	---	---	---	0.075	0.38	---	6.6	---	Tons Burned
1-01-009-11	Stoker boilers	---	---	---	0.075	1.5	---	13.6	---	Tons Burned
1-01-009-12	Fluidized bed combustion boilers	---	---	---	0.075	2	---	1.4	---	Tons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Liquified Petroleum Gas (LPG) - 4911</i></u>										
1-01-01-01	Butane	0.6	0.6	---	<sup>26</sup> 0.095s	21	0.26	3.6	---	1000 Gallons Burned
1-01-01-02	Propane	0.6	0.6	---	<sup>26</sup> 0.095s	19	0.25	3.2	---	1000 Gallons Burned
1-01-01-03	Butane/Propane Mixture: Specify Percent Butane in Comments	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Bagasse - 4911</i></u>										
1-01-011-01	All Boiler Sizes	15.6	---	---	---	1.2	---	---	---	Tons Burned
<u><i>Solid Waste - 4911</i></u>										
1-01-012-01	Specify Waste Material in Comments	---	---	---	---	---	---	<sup>27</sup> 0.0165	0.265	Footnote 28
1-01-012-02	Refuse Derived Fuel	80	---	---	1.7	5	---	3.6	---	Tons Burned
<u><i>Liquid Waste - 4911</i></u>										
1-01-013-01	Specify Waste Material in Comments	---	---	---	---	---	1	---	---	1000 Gallons Burned
1-01-013-02	Waste Oil	61A	51A	---	147S	19	1	5	2.2	1000 Gallons Burned
<u><i>Geothermal Power Plants - 4961</i></u>										
1-01-015-01	Geothermal Power Plant: Off-gas Ejectors	---	---	---	---	---	---	---	---	Megawatt-Hour Produced
1-01-015-02	Geothermal Power Plant: Cooling Tower Exhaust	---	---	---	---	---	---	---	---	Megawatt-Hour Produced
<u><i>EXTERNAL COMBUSTION BOILERS -Industrial</i></u>										
<u><i>Anthracite Coal - 1000-3999</i></u>										
1-02-001-01	Pulverized Coal	10A	2.3A	---	39S	18	0.07	0.6	0.0089	Tons Burned
1-02-001-04	Traveling Grate (Overfeed) Stoker	0.8A	4.8	0.08A	39S	9	0.07	0.6	0.0089	Tons Burned
1-02-001-07	Hand-fired	10	5.2	---	39S	3	10	90	0.0089	Tons Burned
1-02-001-17	Fluidized Bed Boiler Burning Anthracite-Culm Fuel	---	---	---	<sup>21</sup> 2.9	1.8	---	0.3	---	Tons Burned
<u><i>Bituminous Coal - 1000-3999</i></u>										
1-02-002-01	Pulverized Coal: Wet Bottom	7A	2.6A	---	38S	31	---	0.5	0.000507	Footnote 12
1-02-002-02	Pulverized Coal: Dry Bottom	10A	2.3A	---	38S	See App. C	---	0.5	---	Tons Burned
1-02-002-03	Cyclone Furnace	2A	0.26A	---	38S	33	---	0.5	0.000507	Footnote 12
1-02-002-04	Spreader Stoker	66	13.2	---	38S	11	---	5	0.000507	Footnote 12
1-02-002-05	Overfeed Stoker	16	6	---	38S	7.5	---	6	0.000507	Footnote 12
1-02-002-06	Underfeed Stoker	15	---	---	31S	9.5	---	11	0.000507	Footnote 12
1-02-002-10	Overfeed Stoker	16	---	---	39S	7.5	0.07	6	0.0133	Tons Burned
1-02-002-12	Pulverized Coal: Dry Bottom (Tangential)	10A	2.3A	---	38S	See App. C	---	0.5	---	Tons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Bituminous Coal - 1000-3999</u>										
1-02-002-13	Wet Slurry	---	---	---	---	---	---	---	---	Tons Burned
1-02-002-17	Atmospheric Fluidized Bed Combustion: Bubbling Bed	17	12.4	---	Footnote 13	15.2	---	18	---	Tons Burned
1-02-002-18	Atmospheric Fluidized Bed Combustion: Circulating Bed	17	12.4	---	Footnote 13	5	---	18	---	Tons Burned
1-02-002-19	Cogeneration	10A	2.3A	---	39S	15	0.07	0.6	---	Tons Burned
<u>Subbituminous Coal - 1000-3999</u>										
1-02-002-21	Pulverized Coal: Wet Bottom	7A	2.6A	---	35S	24	---	0.5	0.000507	Footnote 14
1-02-002-22	Pulverized Coal: Dry Bottom	10A	2.3A	---	35S	See App. C	---	0.5	0.000507	Footnote 14
1-02-002-23	Cyclone Furnace	2A	0.26A	---	35S	17	---	0.5	0.000507	Footnote 14
1-02-002-24	Spreader Stoker	66	13.2	---	35S	8.8	---	5	0.000507	Footnote 14
1-02-002-25	Traveling Grate (Overfeed) Stoker	16	6	---	35S	7.5	---	6	0.000507	Footnote 14
1-02-002-26	Pulverized Coal: Dry Bottom Tangential	10A	---	---	35S	See App. C	---	0.5	---	Tons Burned
1-02-002-29	Cogeneration	10A	2.3A	---	35S	14.4	0.06	0.6	---	Tons Burned
<u>Lignite - 1000-3999</u>										
1-02-003-00	Pulverized Coal: Wet Bottom	---	---	---	---	---	---	---	---	Tons Burned
1-02-003-01	Pulverized Coal: Dry Bottom, Wall Fired	---	---	---	30S	---	0.07	---	---	Tons Burned
1-02-003-02	Pulverized Coal: Dry Bottom, Tangential Fired	---	---	---	30S	---	0.07	0.6	---	Tons Burned
1-02-003-03	Cyclone Furnace	6.7A	0.87A	---	30S	---	0.07	0.6	---	Tons Burned
1-02-003-04	Traveling Grate (Overfeed) Stoker	---	1.07A	0.04	30S	6	0.07	6	---	Footnote 18
1-02-003-06	Spreader Stoker	---	---	0.04	30S	---	0.07	5	---	Footnote 18
1-02-003-07	Cogeneration	6.5A	2.3A	---	30S	7.3	0.07	0.6	---	Tons Burned
<u>Residual Oil - 1000-3999</u>										
1-02-004-01	Grade 6 Oil	<sup>20</sup> 9.19S + 3.22	<sup>22</sup> 7.17A	1.5	<sup>21</sup> 157S	47	---	5	---	1000 Gallons Burned
1-02-004-02	10-100 Million Btu/hr	<sup>22</sup> 8.34A	<sup>22</sup> 7.17A	---	<sup>21</sup> 157S	55	---	5	---	1000 Gallons Burned
1-02-004-03	< 10 Million Btu/hr	<sup>22</sup> 8.34A	<sup>22</sup> 7.17A	---	<sup>21</sup> 157S	55	---	5	---	1000 Gallons Burned
1-02-004-04	Grade 5 Oil	10	8.6	---	<sup>21</sup> 157S	47	---	5	---	1000 Gallons Burned
1-02-004-05	Cogeneration	<sup>20</sup> 9.19S + 3.22	<sup>20</sup> 7.9S + 2.77	---	158.6S	55	0.28	5	---	1000 Gallons Burned
<u>Distillate Oil - 1000-3999</u>										
1-02-005-01	Grades 1 and 2 Oil	2	1	1.3	<sup>21</sup> 142S	24	---	5	0.000009	Footnote 23
1-02-005-02	10-100 Million Btu/hr	2	1	---	<sup>21</sup> 142S	20	---	5	---	1000 Gallons Burned
1-02-005-03	< 10 Million Btu/hr	2	1	---	<sup>21</sup> 142S	20	---	5	---	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Distillate Oil - 1000-3999</u>										
1-02-005-04	Grade 4 Oil	7	6	---	<sup>21</sup> 150S	47	---	5	---	Footnote 24
1-02-005-05	Cogeneration	2	1	---	143.6S	20	0.2	5	---	1000 Gallons Burned
<u>Natural Gas - 1000-3999</u>										
1-02-006-01	> 100 Million Btu/hr	1.9	---	5.7	<sup>21</sup> 0.6	See App. C	5.5	84	0.0005	Million Cubic Feet Burned
1-02-006-02	10-100 Million Btu/hr	1.9	---	5.7	<sup>21</sup> 0.6	100	5.5	84	0.0005	Million Cubic Feet Burned
1-02-006-03	< 10 Million Btu/hr	1.9	---	5.7	0.6	100	5.5	84	---	Million Cubic Feet Burned
1-02-006-04	Cogeneration	1.9	---	5.7	<sup>21</sup> 0.6	170	5.5	24	---	Million Cubic Feet Burned
<u>Process Gas - 1000-3999</u>										
1-02-007-01	Petroleum Refinery Gas	3	3	---	950S	140	2.8	35	---	Million Cubic Feet Burned
1-02-007-04	Blast Furnace Gas	2.9	2.9	---	950S	23	---	13.7	---	Million Cubic Feet Burned
1-02-007-07	Coke Oven Gas	6.2	4.35	---	680S	80	1.2	18.4	---	Million Cubic Feet Burned
1-02-007-10	Cogeneration	---	---	---	---	---	2.8	---	---	Million Cubic Feet Burned
1-02-007-99	Other: Specify in Comments	---	---	---	---	---	---	---	0.00000666	Million Btus Input
<u>Coke - 1000-3999</u>										
1-02-008-02	All Boiler Sizes	7A	5.5A	---	39S	14	0.07	0.6	---	Tons Burned
1-02-008-04	Cogeneration	7A	5.5A	---	39S	14	0.07	0.6	---	Tons Burned
<u>Wood/Bark Waste - 1000-3999</u>										
1-02-009-01	Bark-fired Boiler (> 50,000 Lb Steam)	47	17	---	---	---	---	---	0.0029	Footnote 25
1-02-009-02	Wood/Bark-fired Boiler (> 50,000 Lb Steam)	7.2	6.5	---	---	---	---	---	---	Tons Burned
1-02-009-03	Wood-fired Boiler (> 50,000 Lb Steam)	8.8	---	---	---	---	---	---	---	Tons Burned
1-02-009-04	Bark-fired Boiler (< 50,000 Lb Steam)	47	17	---	---	---	---	---	0.0029	Footnote 25
1-02-009-05	Wood/Bark-fired Boiler (< 50,000 Lb Steam)	7.2	6.5	---	---	---	---	---	---	Tons Burned
1-02-009-06	Wood-fired Boiler (< 50,000 Lb Steam)	8.8	---	---	---	---	---	---	---	Tons Burned
1-02-009-07	Wood Cogeneration	---	---	---	---	---	---	---	---	Tons Burned
1-02-009-10	Fuel cell/Dutch oven boilers	---	---	---	0.075	0.38	---	6.6	---	Tons Burned
1-02-009-11	Stoker boilers	---	---	---	0.075	1.5	---	13.6	---	Tons Burned
1-02-009-12	Fluidized bed combustion boiler	---	---	---	0.075	2	---	1.4	---	Tons Burned
<u>Liquified Petroleum Gas (LPG) - 1000-3999</u>										
1-02-010-01	Butane	0.6	0.6	---	<sup>21, 26</sup> 0.09s	21	---	3.6	---	1000 Gallons Burned
1-02-010-02	Propane	0.6	0.6	---	<sup>21, 26</sup> 0.1s	19	---	3.2	---	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Liquified Petroleum Gas (LPG) - 1000-3999</u>										
1-02-010-03	Butane/Propane Mixture: Specify Percent Butane in Comments	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Bagasse - 1000-3999</u>										
1-02-011-01	All Boiler Sizes	15.6	---	---	---	1.2	---	---	---	Tons Burned
<u>Solid Waste - 1000-3999</u>										
1-02-012-01	Specify Waste Material in Comments	---	---	---	1.6	5.9	2	---	---	Tons Burned
1-02-012-02	Refuse Derived Fuel	80	44	---	1.7	5	---	3.6	0.13	Tons Burned
<u>Liquid Waste - 1000-3999</u>										
1-02-013-01	Specify Waste Material in Comments	---	---	---	28	23	1	---	---	1000 Gallons Burned
1-02-013-02	Waste Oil	61A	51A	---	147S	19	---	5	2.2	1000 Gallons Burned
<u>CO Boiler - 1000-3999</u>										
1-02-014-01	Natural Gas	13.7	13.7	---	0.6	140	2.8	35	---	Million Cubic Feet Burned
1-02-014-02	Process Gas	13.7	13.7	---	950S	140	2.8	35	---	Footnote 29
1-02-014-03	Distillate Oil	2	1	---	143.6S	20	0.2	5	---	1000 Gallons Burned
1-02-014-04	Residual Oil	<sup>20</sup> 9.19S + 3.22	<sup>20</sup> 7.9S + 2.77	---	158.6S	55	0.28	5	---	1000 Gallons Burned
<u>Methanol - 2861, 2869</u>										
1-02-016-01	Industrial Boiler	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Gasoline - 2512, 2865, 2911, 3021, 3331, 3761, 3764, 9711</u>										
1-02-017-01	Industrial Boiler	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>EXTERNAL COMBUSTION BOILERS -Commercial/Institutional</u>										
<u>Anthracite Coal - 4000-4899, 4920-9999</u>										
1-03-001-01	Pulverized Coal	10A	2.3A	---	39S	18	0.07	0.6	0.0089	Tons Burned
1-03-001-02	Traveling Grate (Overfeed) Stoker	0.8A	4.8	0.08A	39S	9	0.07	0.6	0.0089	Tons Burned
1-03-001-03	Hand-fired	10	5.2	---	39S	3	10	90	0.0089	Tons Burned
<u>Bituminous Coal - 4000-4899, 4920-9999</u>										
1-03-002-03	Cyclone Furnace (Bituminous Coal)	2A	0.26A	---	38S	33	---	0.5	0.000507	Footnote 12
1-03-002-05	Pulverized Coal: Wet Bottom	7A	2.6A	---	38S	31	---	0.5	0.000507	Footnote 12
1-03-002-06	Pulverized Coal: Dry Bottom	10A	2.3A	---	38S	See App. C	---	0.5	0.000507	Footnote 12
1-03-002-07	Overfeed Stoker	16	6	---	38S	7.5	---	6	0.000507	Footnote 12



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Bituminous Coal - 4000-4899, 4920-9999</i></u>										
1-03-002-08	Underfeed Stoker	15	6.2	---	31S	9.5	---	11	---	Tons Burned
1-03-002-09	Spreader Stoker	66	13.2	---	38S	11	---	5	0.000507	Footnote 12
1-03-002-11	Overfeed Stoker	16	---	---	39S	7.5	0.07	6	---	Tons Burned
1-03-002-14	Hand-fired	15	---	---	31S	9.1	---	275	---	Tons Burned
1-03-002-16	Pulverized Coal: Dry Bottom (Tangential)	10A	2.3A	---	38S	See App. C	---	0.5	---	Tons Burned
1-03-002-17	Atmospheric Fluidized Bed Combustion: Bubbling Bed	17	12.4	---	Footnote 13	15.2	---	18	---	Tons Burned
1-03-002-18	Atmospheric Fluidized Bed Combustion: Circulating Bed	17	12.4	---	Footnote 13	5	---	18	---	Tons Burned
<u><i>Subbituminous Coal - 4000-4899, 4920-9999</i></u>										
1-03-002-21	Pulverized Coal: Wet Bottom	7A	2.6A	---	35S	24	---	0.5	0.000507	Footnote 14
1-03-002-22	Pulverized Coal: Dry Bottom	10A	2.3A	---	35S	See App. C	---	0.5	0.000507	Footnote 14
1-03-002-23	Cyclone Furnace	2A	0.26A	---	35S	17	---	0.5	0.000507	Footnote 14
1-03-002-24	Spreader Stoker	66	13.2	---	35S	8.8	---	5	0.000507	Footnote 14
1-03-002-25	Traveling Grate (Overfeed) Stoker	16	6	---	35S	7.5	---	6	0.000507	Footnote 14
1-03-002-26	Pulverized Coal: Dry Bottom Tangential	10A	2.3A	---	35S	See App. C	---	0.5	---	Tons Burned
<u><i>Lignite - 4000-4899, 4920-9999</i></u>										
1-03-003-00	Pulverized Coal: Wet Bottom	---	---	---	---	---	---	---	---	Tons Burned
1-03-003-05	Pulverized Coal: Dry Bottom, Wall Fired	---	---	---	30S	---	0.07	---	---	Tons Burned
1-03-003-06	Pulverized Coal: Dry Bottom, Tangential Fired	---	---	---	30S	---	0.07	0.6	---	Tons Burned
1-03-003-07	Traveling Grate (Overfeed) Stoker	---	1.07A	0.04	30S	6	0.07	6	---	Footnote 18
1-03-003-09	Spreader Stoker	---	---	0.04	30S	---	0.07	5	---	Footnote 18
<u><i>Residual Oil - 4000-4899, 4920-9999</i></u>										
1-03-004-01	Grade 6 Oil	<sup>20</sup> 9.19S + 3.22	<sup>22</sup> 5.17A	1.5	<sup>21</sup> 157S	47	---	5	---	1000 Gallons Burned
1-03-004-02	10-100 Million Btu/hr	10	<sup>22</sup> 5.17A	---	<sup>21</sup> 157S	55	---	5	---	1000 Gallons Burned
1-03-004-03	< 10 Million Btu/hr	10	<sup>22</sup> 5.17A	---	<sup>21</sup> 157S	55	---	5	---	1000 Gallons Burned
1-03-004-04	Grade 5 Oil	<sup>20</sup> 9.19S + 3.22	6.2	---	<sup>21</sup> 157S	55	---	5	---	1000 Gallons Burned
<u><i>Distillate Oil - 4000-4899, 4920-9999</i></u>										
1-03-005-01	Grades 1 and 2 Oil	2	1.08	1.3	<sup>21</sup> 142S	24	---	5	0.000009	Footnote 23
1-03-005-02	10-100 Million Btu/hr	2	1.08	---	<sup>21</sup> 142S	20	---	5	---	1000 Gallons Burned
1-03-005-03	< 10 Million Btu/hr	2	1.08	---	<sup>21</sup> 142S	20	---	5	---	1000 Gallons Burned
1-03-005-04	Grade 4 Oil	7	1.08	---	<sup>21</sup> 150S	20	---	5	---	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Natural Gas - 4000-4899, 4920-9999</u>										
1-03-006-01	> 100 Million Btu/hr	1.9	---	5.7	<sup>21</sup> 0.6	See App. C	5.5	84	0.0005	Million Cubic Feet Burned
1-03-006-02	10-100 Million Btu/hr	1.9	---	5.7	<sup>21</sup> 0.6	100	5.5	84	0.0005	Million Cubic Feet Burned
1-03-006-03	< 10 Million Btu/hr	1.9	---	5.7	<sup>21</sup> 0.6	100	5.5	84	0.0005	Million Cubic Feet Burned
<u>Process Gas - 4000-4899, 4920-9999</u>										
1-03-007-01	POTW Digester Gas-fired Boiler	---	---	---	4.5	---	3	---	---	Million Cubic Feet Burned
1-03-007-99	Other Not Classified	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u>Landfill Gas - 4000-4899, 4920-9999</u>										
1-03-008-11	Landfill Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u>Wood/Bark Waste - 4000-4899, 4920-9999</u>										
1-03-009-01	Bark-fired Boiler	47	17	---	---	---	---	---	0.0029	Footnote 25
1-03-009-02	Wood/Bark-fired Boiler	7.2	6.5	---	---	---	---	---	---	Tons Burned
1-03-009-03	Wood-fired Boiler	8.8	---	---	---	---	---	---	---	Tons Burned
1-03-009-10	Fuel cell/Dutch oven boilers	---	---	---	0.075	0.38	---	6.6	---	Tons Burned
1-03-009-11	Stoker boilers	---	---	---	0.075	1.5	---	13.6	---	Tons Burned
1-03-009-12	Fluidized bed combustion boilers	---	---	---	0.075	2	---	1.4	---	Tons Burned
<u>Liquified Petroleum Gas (LPG) - 4000-4899, 4920-9999</u>										
1-03-010-01	Butane	0.5	0.5	---	<sup>21, 26</sup> 0.09s	15	---	2.1	---	1000 Gallons Burned
1-03-010-02	Propane	0.4	0.4	---	<sup>21, 26</sup> 0.1s	14	---	1.9	---	1000 Gallons Burned
1-03-010-03	Butane/Propane Mixture: Specify Percent Butane in Comments	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Solid Waste - 4000-4899, 4920-9999</u>										
1-03-012-01	Specify Waste Material in Comments	---	---	---	1.6	5.9	2	---	---	Tons Burned
1-03-012-02	Refuse Derived Fuel	80	44	---	1.7	5	---	3.6	0.13	Tons Burned
<u>Liquid Waste - 4000-4899, 4920-9999</u>										
1-03-013-01	Specify Waste Material in Comments	---	---	---	---	---	1	---	---	1000 Gallons Burned
1-03-013-02	Waste Oil	64A	51A	---	147S	19	---	5	2.2	1000 Gallons Burned
1-03-013-03	Sewage Grease Skimmings	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>EXTERNAL COMBUSTION BOILERS -Space Heaters</u>										
<u>Industrial - 1000-3999</u>										
1-05-001-02	Coal	---	---	---	39S	3	---	---	---	Tons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Industrial - 1000-3999</u></i>										
1-05-001-05	Distillate Oil	---	2.46	---	143.6S	---	---	---	---	1000 Gallons Burned
1-05-001-06	Natural Gas	3	3	---	0.6	100	5.3	20	---	Million Cubic Feet Burned
1-05-001-10	Liquified Petroleum Gas (LPG)	0.6	0.6	---	<sup>26</sup> 0.095s	20	---	3.4	---	1000 Gallons Burned
1-05-001-13	Waste Oil: Air Atomized Burner	66A	57A	---	107S	16	---	2.1	2	1000 Gallons Burned
1-05-001-14	Waste Oil: Vaporizing Burner	2.8A	---	---	100S	11	---	1.7	0.0164	1000 Gallons Burned
<i><u>Commercial/Institutional - 4000-4899, 4920-9999</u></i>										
1-05-002-02	Coal	---	---	---	39S	3	---	---	---	Tons Burned
1-05-002-05	Distillate Oil	---	2.46	---	143.6S	---	0.7	---	---	1000 Gallons Burned
1-05-002-06	Natural Gas	3	3	---	0.6	100	5.3	20	---	Million Cubic Feet Burned
1-05-002-09	Wood	8.8	---	---	0.075	1.5	---	13.6	---	Tons Burned
1-05-002-10	Liquified Petroleum Gas (LPG)	0.45	0.45	---	<sup>26</sup> 0.095s	14.5	---	2	---	1000 Gallons Burned
1-05-002-13	Waste Oil: Air Atomized Burner	66A	57A	---	107S	16	---	2.1	2	1000 Gallons Burned
1-05-002-14	Waste Oil: Vaporizing Burner	2.8A	---	---	100S	11	---	1.7	0.0164	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
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**INTERNAL COMBUSTION ENGINES**

**INTERNAL COMBUSTION ENGINES -Electric Generation**

**Distillate Oil (Diesel) - 4911**

2-01-001-01	Turbine	---	---	---	<sup>21,30</sup> 1.01S	0.88	0.00041	0.0033	0.000014	Million Btus Input
2-01-001-02	Reciprocating	42.5	42.5	---	39.7	604	---	130	---	1000 Gallons Burned
2-01-001-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-01-001-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-01-001-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-01-001-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-01-001-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned

**Natural Gas - 4911**

2-01-002-01	Turbine	---	---	---	<sup>21,31</sup> 0.94S	0.32	0.0021	0.082	---	Million Btus Input
2-01-002-02	Reciprocating	10	10	---	0.6	2840	116	399	---	Million Cubic Feet Burned
2-01-002-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-002-06	Reciprocating: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-002-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-002-08	Turbine: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-002-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned

**Process Gas - 4911**

2-01-007-02	Reciprocating	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-007-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-007-06	Reciprocating: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-007-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned

**Landfill Gas - 4911**

2-01-008-01	Turbine	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-008-02	Reciprocating	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-008-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-008-06	Reciprocating: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Landfill Gas - 4911</u>										
2-01-008-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-008-08	Turbine: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-01-008-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u>Kerosene/Naphtha (Jet Fuel) - 4911</u>										
2-01-009-01	Turbine	---	---	---	<sup>21, 32</sup> 1.01S	0.88	---	0.0033	---	Million Btus Burned
2-01-009-02	Reciprocating	0.31	0.31	---	0.29	4.41	---	0.95	---	Million Btus Input
2-01-009-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-01-009-06	Reciprocating: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-01-009-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-01-009-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-01-009-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Geysers/Geothermal - 4911</u>										
2-01-010-01	Steam Turbine	---	---	---	---	---	---	---	---	Tons Produced
2-01-010-10	Well Drilling: Steam Emissions	---	---	---	---	---	---	---	---	Tons Produced
2-01-010-20	Well Pad Fugitives: Blowdown	---	---	---	---	---	---	---	---	Tons Produced
2-01-010-30	Pipeline Fugitives: Blowdown	---	---	---	---	---	---	---	---	Tons Produced
2-01-010-31	Pipeline Fugitives: Vents/Leaks	---	---	---	---	---	---	---	---	Tons Produced
<u>Liquid Waste - 4900</u>										
2-01-013-02	Waste Oil - Turbine	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Equipment Leaks - 4922</u>										
2-01-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 4900</u>										
2-01-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
2-01-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 4900</u>										
2-01-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Flares - 4911</u>										
2-01-900-99	Heavy Water	---	---	---	---	---	---	---	---	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
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***INTERNAL COMBUSTION ENGINES -Industrial***

***Distillate Oil (Diesel) - 1000-3999***

2-02-001-01	Turbine	---	---	---	<sup>21, 30</sup> 1.01S	0.88	0.00041	0.0033	0.000014	Million Btus Input
2-02-001-02	Reciprocating	42.5	42.5	---	39.7	604	---	130	---	1000 Gallons Burned
2-02-001-03	Turbine: Cogeneration	---	---	---	<sup>21, 30</sup> 1.01S	0.88	0.00041	0.0033	0.000014	Million Btus Input
2-02-001-04	Reciprocating: Cogeneration	42.5	42.5	---	39.7	604	---	130	---	1000 Gallons Burned
2-02-001-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-001-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-001-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-001-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-001-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned

***Natural Gas - 1000-3999***

2-02-002-01	Turbine	---	---	---	<sup>21, 31</sup> 0.94S	0.32	0.0021	0.082	---	Million Btus Input
2-02-002-02	Reciprocating	10	10	---	0.6	2840	116	399	---	Million Cubic Feet Burned
2-02-002-03	Turbine: Cogeneration	---	---	---	<sup>21, 31</sup> 0.94S	0.32	0.0021	0.082	---	Million Btus Input
2-02-002-04	Reciprocating: Cogeneration	10	10	---	0.6	2840	116	399	---	Million Cubic Feet Burned
2-02-002-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-002-06	Reciprocating: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-002-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-002-08	Turbine: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-002-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-002-52	2-cycle Lean Burn	---	0.0384	0.00991	<sup>21</sup> 0.000588	See App. C	0.12	See App. C	---	Million Btus Input
2-02-002-53	4-cycle Rich Burn	---	0.0095	0.00991	<sup>21</sup> 0.000588	See App. C	0.0296	See App. C	---	Million Btus Input
2-02-002-54	4-cycle Lean Burn	---	0.0000771	0.00991	<sup>21</sup> 0.000588	See App. C	0.118	See App. C	---	Million Btus Input
2-02-002-55	2-cycle Clean Burn	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-002-56	4-cycle Clean Burn	---	---	---	---	---	---	---	---	Million Cubic Feet Burned

***Gasoline - 1000-3999***

2-02-003-01	Reciprocating	12.6	12.6	---	10.6	205	---	7900	---	1000 Gallons Burned
2-02-003-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Gasoline - 1000-3999</u>										
2-02-003-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-003-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Large Bore Engine - 1000-3999</u>										
2-02-004-01	Diesel	13.7	6.8	1.05	138S	438	13.7	116	---	1000 Gallons Burned
2-02-004-02	Dual Fuel (Oil/Gas)	2.2	2	---	Footnote 33	18	1.4	7.5	---	1000 Horsepower-Hours Output
2-02-004-03	Cogeneration: Dual Fuel	220	200	---	70	2170	140	553	---	100,000 Horsepower-Hours Output
2-02-004-05	Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-004-06	Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-004-07	Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Residual/Crude Oil - 1000-3999</u>										
2-02-005-01	Reciprocating	42.5	42.5	---	155S	604	---	130	---	1000 Gallons Burned
2-02-005-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-005-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-005-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Process Gas - 2911</u>										
2-02-007-01	Turbine	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-007-02	Reciprocating Engine	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-007-05	Refinery Gas: Turbine	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-007-06	Refinery Gas: Reciprocating Engine	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-007-10	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-007-11	Reciprocating: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-007-12	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-007-13	Turbine: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-02-007-14	Turbine: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u>Kerosene/Naphtha (Jet Fuel) - 1000-3999</u>										
2-02-009-01	Turbine	---	---	---	<sup>21</sup> 1.01S	0.88	---	0.0033	---	Million Btus Burned
2-02-009-02	Reciprocating	0.31	0.31	---	0.29	4.41	---	0.95	---	Million Btus Input
2-02-009-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Kerosene/Naphtha (Jet Fuel) - 1000-3999</i></u>										
2-02-009-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-009-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-009-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-009-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Liquified Petroleum Gas (LPG) - 1000-3999</i></u>										
2-02-010-01	Propane: Reciprocating	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-02	Butane: Reciprocating	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-11	Turbine	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-12	Reciprocating Engine	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-13	Turbine: Cogeneration	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-010-14	Reciprocating Engine: Cogeneration	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Methanol - 2861, 2869</i></u>										
2-02-016-01	Turbine	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-016-02	Reciprocating Engine	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-016-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-016-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-016-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-016-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-016-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Gasoline - 2911, 3339, 3761, 4923, 9711</i></u>										
2-02-017-01	Turbine	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-017-02	Reciprocating Engine	---	---	---	---	---	---	---	---	1000 Gallons Burned



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Gasoline - 2911, 3339, 3761, 4923, 9711</u>										
2-02-017-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-017-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-017-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-017-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-02-017-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Equipment Leaks - 2911, 3339, 3761, 4923, 9711</u>										
2-02-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 2911, 3339, 3761, 4923, 9711</u>										
2-02-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
2-02-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 2911, 3339, 3761, 4923, 9711</u>										
2-02-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>INTERNAL COMBUSTION ENGINES -Commercial/Institutional</u>										
<u>Distillate Oil (Diesel) - 4000-4899, 4920-9999</u>										
2-03-001-01	Reciprocating	42.5	42.5	---	39.7	604	---	130	---	1000 Gallons Burned
2-03-001-02	Turbine	---	---	---	<sup>21, 30</sup> 1.01S	0.88	0.00041	0.0033	0.000014	Million Btus Input
2-03-001-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-001-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-001-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-001-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-001-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Natural Gas - 4000-4899, 4920-9999</u>										
2-03-002-01	Reciprocating	10	10	---	0.6	2840	116	399	---	Million Cubic Feet Burned
2-03-002-02	Turbine	---	---	---	<sup>21, 31</sup> 0.94S	0.32	0.0021	0.082	---	Million Btus Input
2-03-002-03	Turbine: Cogeneration	---	---	---	<sup>21, 31</sup> 0.94S	0.32	0.0021	0.082	---	Million Btus Input
2-03-002-04	Cogeneration	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-002-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	Million Cubic Feet Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Natural Gas - 4000-4899, 4920-9999</u>										
2-03-002-06	Reciprocating: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-002-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-002-08	Turbine: Evaporative Losses (Fuel Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-002-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u>Gasoline - 4000-4899, 4920-9999</u>										
2-03-003-01	Reciprocating	12.6	12.6	---	10.6	205	---	7900	---	1000 Gallons Burned
2-03-003-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-003-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-003-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Digester Gas - 4952, 9511, 4941</u>										
2-03-007-01	Turbine	---	0.012	---	<sup>21</sup> 0.0065	0.16	0.0058	0.017	< 0.0000034	Million Btus Input
2-03-007-02	Reciprocating: POTW Digester Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-007-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-007-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-007-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-007-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-007-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u>Landfill Gas - 4920, 4925, 4953, 4959</u>										
2-03-008-01	Turbine	---	0.023	---	<sup>21</sup> 0.045	0.14	0.013	0.44	---	Million Btus Input
2-03-008-02	Reciprocating	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-008-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-008-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-008-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-008-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-03-008-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u>Kerosene/Naphtha (Jet Fuel) - 4500, 4600</u>										
2-03-009-01	Turbine: JP-4	---	---	---	---	---	---	---	---	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Kerosene/Naphtha (Jet Fuel) - 4500, 4600</i></u>										
2-03-009-08	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-009-09	Turbine: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Liquified Petroleum Gas (LPG) - 4000-4899, 4920-9999</i></u>										
2-03-010-01	Propane: Reciprocating	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-010-02	Butane: Reciprocating	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-010-05	Reciprocating: Crankcase Blowby	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-010-06	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-03-010-07	Reciprocating: Exhaust	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Equipment Leaks - 07, 10, 1600, 1700, 4400, 4500, 4600, 4900, 8060</i></u>										
2-03-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u><i>Wastewater, Aggregate - 0700, 1000, 1600, 1700, 4400, 4500, 4600, 4900</i></u>										
2-03-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
2-03-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Wastewater, Points of Generation - 0700, 1000, 1600, 1700, 4400, 4500, 4600, 4900</i></u>										
2-03-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>INTERNAL COMBUSTION ENGINES -Engine Testing</i></u>										
<u><i>Aircraft Engine Testing - 3500-3599, 3700-3799</i></u>										
2-04-001-01	Turbojet	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-001-02	Turboshaft	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-001-10	Jet A Fuel	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-001-11	JP-5 Fuel	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-001-12	JP-4 Fuel	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-001-99	Other Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Rocket Engine Testing - 3500-3599, 3700-3799</i></u>										
2-04-002-01	Rocket Motor: Solid Propellant	---	---	---	---	---	---	---	---	Tons Consumed
2-04-002-02	Liquid Propellant	---	---	---	---	---	---	---	---	Tons Consumed
2-04-002-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Turbine - 3500-3599, 3700-3799</i></u>										
2-04-003-01	Natural Gas	14	14	---	0.6	300	6.9	120	---	Million Cubic Feet Burned
2-04-003-02	Diesel/Kerosene	---	---	---	140S	97.7	---	6.72	---	1000 Gallons Burned
2-04-003-03	Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-003-04	Landfill Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-04-003-05	Kerosene/Naphtha	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-003-99	Other Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Reciprocating Engine - 3500-3599, 3700-3799</i></u>										
2-04-004-01	Gasoline	6.47	6.2	---	5.31	102	148	3940	---	1000 Gallons Burned
2-04-004-02	Diesel/Kerosene	42.5	42.5	---	39.7	604	---	130	---	1000 Gallons Burned
2-04-004-03	Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-004-04	Process Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-04-004-05	Landfill Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-04-004-06	Kerosene/Naphtha (Jet Fuel)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-004-07	Dual Fuel (Gas/Oil)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-004-08	Residual Oil/Crude Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-004-09	Liquified Petroleum Gas (LPG)	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-04-004-99	Other Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>Equipment Leaks - 3761, 3764</i></u>										
2-04-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u><i>Wastewater, Aggregate - 3761, 3764</i></u>										
2-04-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
2-04-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Wastewater, Points of Generation - 3761, 3764</i></u>										
2-04-825-01	Water Deluge Solid Propellant Engine Test Unit	---	---	---	---	---	---	---	---	1000 Gallons Throughput
2-04-825-02	Water Deluge Liquid Propellant Engine Test Unit	---	---	---	---	---	---	---	---	1000 Gallons Throughput
2-04-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>INTERNAL COMBUSTION ENGINES -Off-highway 2-stroke Gasoline Engines</i></u>										
<u><i>Industrial Equipment - 3519</i></u>										
2-60-003-20	Industrial Fork Lift: Gasoline Engine (2-stroke)	---	---	---	---	---	---	---	---	1000 Gallons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>INTERNAL COMBUSTION ENGINES -Off-highway 4-stroke Gasoline Engines</i></u>										
<u><i>Industrial Equipment - 2911, 3339, 3761, 4923, 9711</i></u>										
2-65-003-20	Industrial Fork Lift: Gasoline Engine (4-stroke)	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>INTERNAL COMBUSTION ENGINES -Off-highway Diesel Engines</i></u>										
<u><i>Industrial Equipment - 3721</i></u>										
2-70-003-20	Industrial Fork Lift: Diesel	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>INTERNAL COMBUSTION ENGINES -Off-highway LPG-fueled Engines</i></u>										
<u><i>Industrial Equipment - 3621</i></u>										
2-73-003-20	Industrial Fork Lift: Liquefied Petroleum Gas (LPG)	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u><i>INTERNAL COMBUSTION ENGINES -Fixed Wing Aircraft L &amp; TO Exhaust</i></u>										
<u><i>Military - 3721, 9711, 9711</i></u>										
2-75-010-01	Piston Engine: Aviation Gas	---	---	---	---	---	---	---	---	Each Occurred
2-75-010-14	Jet Engine: JP-4	---	---	---	---	---	---	---	---	Each Occurred
2-75-010-15	Jet Engine: JP-5	---	---	---	---	---	---	---	---	Each Occurred
<u><i>Commercial - 3721</i></u>										
2-75-020-01	Piston Engine: Aviation Gas	---	---	---	---	---	---	---	---	Each Occurred
2-75-020-11	Jet Engine: Jet A	---	---	---	---	---	---	---	---	Each Occurred
<u><i>Civil - 5092</i></u>										
2-75-050-01	Piston Engine: Aviation Gas	---	---	---	---	---	---	---	---	Each Occurred
2-75-050-11	Jet Engine: Jet A	---	---	---	---	---	---	---	---	Each Occurred
<u><i>INTERNAL COMBUSTION ENGINES -Rotary Wing Aircraft L &amp; TO Exhaust</i></u>										
<u><i>Military - 9711</i></u>										
2-76-010-01	Piston Engine: Aviation Gas	---	---	---	---	---	---	---	---	Each Occurred
2-76-010-14	Jet Engine: JP-4	---	---	---	---	---	---	---	---	Each Occurred
2-76-010-15	Jet Engine: JP-5	---	---	---	---	---	---	---	---	Each Occurred
<u><i>Commercial - 2911, 3339, 3761, 4923, 9711</i></u>										
2-76-020-01	Piston Engine: Aviation Gas	---	---	---	---	---	---	---	---	Each Occurred
2-76-020-11	Jet Engine: Jet A	---	---	---	---	---	---	---	---	Each Occurred

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Civil - 2911, 3339, 3761, 4923, 9711</u>										
2-76-050-01	Piston Engine: Aviation Gas	---	---	---	---	---	---	---	---	Each Occurred
2-76-050-11	Jet Engine: Jet A	---	---	---	---	---	---	---	---	Each Occurred
<u>INTERNAL COMBUSTION ENGINES -Diesel Marine Vessels</u>										
<u>Commercial - 1311</u>										
2-80-002-11	Crew Boats: Main Engine Exhaust: Idling	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-80-002-12	Crew Boats: Main Engine Exhaust: Maneuvering	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-80-002-13	Crew Boats: Auxiliary Generator Exhaust: Hotelling	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-80-002-16	Supply Boats: Main Engine Exhaust: Idling	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-80-002-17	Supply Boats: Main Engine Exhaust: Maneuvering	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-80-002-18	Supply Boats: Auxiliary Generator Exhaust: Hotelling	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>INTERNAL COMBUSTION ENGINES -Fugitive Emissions</u>										
<u>Other Not Classified - 1000-9999</u>										
2-88-888-01	Specify in Comments	---	---	---	---	---	---	---	---	1000 Gallons Burned
2-88-888-02	Specify in Comments	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
2-88-888-03	Specify in Comments	---	---	---	---	---	---	---	---	1000 Horsepower-Hours Output

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><u>INDUSTRIAL PROCESSES</u></b>										
<b><i>INDUSTRIAL PROCESSES -Chemical Manufacturing</i></b>										
<b><i>Adipic Acid - 2869</i></b>										
3-01-001-01	General	0.9	0.037	---	---	---	42.7	115	---	Tons Produced
3-01-001-02	Raw Material Storage	---	---	---	---	---	2.2	---	---	Tons Produced
3-01-001-03	Cyclohexane Oxidation	---	---	---	---	1.4	0.55	0.49	---	Tons Produced
3-01-001-04	Nitric Acid Reaction	---	---	---	---	1.6	0.014	0.28	---	Tons Produced
3-01-001-05	Adipic Acid Refining	0.1	0.004	---	---	0.6	0.5	---	---	Tons Produced
3-01-001-06	Drying, Loading, and Storage	0.8	0.032	---	---	---	0.1	---	---	Tons Produced
3-01-001-07	Absorber	---	---	---	---	94.8	0.4	---	---	Tons Produced
3-01-001-08	Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-01-001-09	Cooler	---	---	---	---	---	---	---	---	Tons Produced
3-01-001-10	Loading And Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-001-80	Fugitive Emissions: General	---	---	---	---	---	61800	---	---	Each-Year Operating
3-01-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<b><i>Ammonia Production - 2873</i></b>										
3-01-003-05	Feedstock Desulfurization	---	---	---	0.019	---	7.2	13.8	---	Tons Produced
3-01-003-06	Primary Reformer: Natural Gas Fired	0.144	0.144	---	0.0048	5.4	0.012	0.136	---	Tons Produced
3-01-003-07	Primary Reformer: Oil Fired	0.9	0.86	---	2.6	5.4	0.38	0.24	---	Tons Produced
3-01-003-08	Carbon Dioxide Regenerator	---	---	---	---	---	1.04	2	---	Tons Produced
3-01-003-09	Condensate Stripper	---	---	---	---	---	1.2	---	---	Tons Produced
3-01-003-10	Storage and Loading Tanks	---	---	---	---	---	---	---	---	Tons Stored
3-01-003-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<b><i>Carbon Black Production - 2895</i></b>										
3-01-005-01	Channel Process	---	---	---	---	---	---	---	---	Tons Produced
3-01-005-02	Thermal Process	---	---	---	---	---	---	---	---	Tons Produced
3-01-005-03	Gas Furnace Process: Main Process Vent	---	3.2	---	---	---	---	---	---	Tons Produced
3-01-005-04	Oil Furnace Process: Main Process Vent	6.53	6.53	---	---	0.56	100	2800	---	Tons Produced
3-01-005-06	Transport Air Vent	0.58	0.58	---	---	---	---	---	---	Tons Produced
3-01-005-07	Pellet Dryer	0.45	0.24	---	<sup>27</sup> 0.52	0.73	0.4	---	---	Tons Produced
3-01-005-08	Bagging/Loading	0.06	0.06	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Carbon Black Production - 2895</u>										
3-01-005-09	Furnace Process: Fugitive Emissions	0.2	0.2	---	---	---	---	---	---	Tons Produced
3-01-005-10	Main Process Vent with CO Boiler and Incinerator	2.07	---	---	35.2	9.3	1.98	1.75	---	Tons Produced
3-01-005-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Charcoal Manufacturing - 2861</u>										
3-01-006-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-006-03	Batch Kiln	---	---	---	---	24	270	290	---	Tons Produced
3-01-006-04	Continuous Kiln	---	---	---	---	24	270	290	---	Tons Produced
3-01-006-05	Briquetting	---	---	---	---	---	---	---	---	Tons Produced
3-01-006-06	Raw Material Handling	---	---	---	---	---	---	---	---	Tons Processed
3-01-006-07	Crushing	---	---	---	---	---	---	---	---	Tons Processed
3-01-006-08	Handling and Storage	---	---	---	---	---	---	---	---	Tons Processed
3-01-006-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Chlorine - 2812, 2869</u>										
3-01-007-01	Carbon Reactivation	---	---	---	---	---	---	---	---	Tons Generated
3-01-007-02	Carbon Reactivation/Impregnation Kiln	---	---	---	---	---	---	---	---	Tons Produced
3-01-007-04	Carbon Reactivation/Heating Ovens	---	---	---	---	---	---	---	---	Tons Produced
3-01-007-05	Carbon Reactivation/Fugitives	---	---	---	---	---	---	---	---	Tons Produced
3-01-007-06	Carbon Reactivation/Afterburner	---	---	---	---	---	---	---	---	Tons Produced
3-01-007-07	Carbon Reactivation/Multiple Hearth Furnace	---	---	---	---	---	---	---	---	Tons Generated
3-01-007-08	Carbon Reactivation/Indirect Furnace	---	---	---	---	---	---	---	---	Tons Generated
3-01-007-09	Carbon Reactivation/Product Handling (Mesh, Prss)	---	---	---	---	---	---	---	---	Tons Handled
3-01-007-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Chloro-alkali Production - 2812</u>										
3-01-008-01	Liquefaction (Diaphragm Cell Process)	---	---	---	---	---	---	---	---	100 Tons Liquefied
3-01-008-02	Liquefaction (Mercury Cell Process)	---	---	---	---	---	---	---	---	100 Tons Liquefied
3-01-008-03	Chlorine Loading: Tank Car Vent	---	---	---	---	---	---	---	---	100 Tons Liquefied
3-01-008-04	Chlorine Loading: Storage Car Vent	---	---	---	---	---	---	---	---	100 Tons Liquefied
3-01-008-05	Air Blowing of Mercury Cell Brine	---	---	---	---	---	---	---	---	100 Tons Liquefied
3-01-008-99	Other Not Classified	---	---	---	---	---	---	---	---	100 Tons Liquefied



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Cleaning Chemicals - 2841, 2842</u>										
3-01-009-01	Spray Drying: Soaps and Detergents	90	---	---	---	---	0.05	---	---	Tons Produced
3-01-009-02	Specialty Cleaners	---	---	---	---	---	---	---	---	Tons Produced
3-01-009-05	Alkaline Saponification	---	---	---	---	---	---	---	---	Tons Processed
3-01-009-06	Direct Saponification	---	---	---	---	---	---	---	---	Tons Processed
3-01-009-07	Blending And Mixing	---	---	---	---	---	---	---	---	Tons Processed
3-01-009-08	Soap Packaging	---	---	---	---	---	---	---	---	Tons Processed
3-01-009-09	Detergent Slurry Preparation	---	---	---	---	---	---	---	---	Tons Processed
3-01-009-10	Detergent Granule Handling	---	---	---	---	---	---	---	---	Tons Processed
3-01-009-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Explosives (Trinitrotoluene) - 2892</u>										
3-01-010-05	Nitric/Sulfuric Acid Mixing	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-10	Process Vents: Batch Process	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-11	Batch Process: Nitration Reactors Fume Recovery	---	---	---	---	25	---	---	---	Tons Produced
3-01-010-12	Batch Process: Nitration Reactors Acid Recovery	---	---	---	---	55	---	---	---	Tons Produced
3-01-010-13	Batch Process: Nitric Acid Concentrators	---	---	---	---	37	---	---	---	Tons Produced
3-01-010-14	Batch Process: Sulfuric Acid Concentrators	---	---	---	14	40	---	---	---	Tons Produced
3-01-010-15	Batch Process: Red Water Incinerator	25	23.5	---	2	26	1.1	---	---	Tons Produced
3-01-010-21	Continuous Process: Nitration Reactor Fume Recover (Use 3-01-010-51)	---	---	---	---	8	---	---	---	Tons Produced
3-01-010-22	Continuous Process: Nitration Reactor Acid Recover (Use 3-01-010-52)	---	---	---	---	3	---	---	---	Tons Produced
3-01-010-23	Continuous Process: Red Water Incinerator (Use 3-01-010-53)	0.25	0.24	---	0.24	7	1.1	---	---	Tons Produced
3-01-010-25	Batch Process: Spent Acid Recovery: Denitrating Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-26	Batch Process: Spent Acid Recovery: Sulfuric Acid Regenerator	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-27	Batch Process: Spent Acid Recovery: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-28	Batch Process: Spent Acid Recovery: Reflux Columns	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-30	Open Burning: Waste	180	142	---	---	150	1.1	56	---	Tons Burned
3-01-010-33	Batch Process: Nitric Acid Concentration: Distillation Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-34	Batch Process: Nitric Acid Concentration: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-35	Batch Process: Nitric Acid Concentration: Condenser	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Explosives (Trinitrotoluene) - 2892</i>										
3-01-010-36	Batch Process: Nitric Acid Concentration: Absorber Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-37	Batch Process: Nitric Acid Concentration: Dehydrating Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-40	Batch Process: Purification	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-45	Batch Process: Finishing: Melt Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-46	Batch Process: Finishing: Dryers	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-47	Batch Process: Finishing: Flaker Drum	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-50	Process Vents: Continuous Process	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-51	Continuous Process: Nitration Reactor Fume Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-52	Continuous Process: Spent Acid Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-53	Continuous Process: Red Water Incineration	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-54	Continuous Process: Nitric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-55	Continuous Process: Sulfuric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-61	Continuous Process: Spent Acid Recovery: Denitrating Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-62	Continuous Process: Spent Acid Recovery: Sulfuric Acid Regenerator	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-63	Continuous Process: Spent Acid Recovery: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-64	Continuous Process: Spent Acid Recovery: Reflux Columns	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-73	Continuous Process: Nitric Acid Concentration: Distillation Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-74	Continuous Process: Nitric Acid Concentration: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-75	Continuous Process: Nitric Acid Concentration: Condenser	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-76	Continuous Process: Nitric Acid Concentration: Absorber Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-77	Continuous Process: Nitric Acid Concentration: Dehydrating Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-80	Continuous Process: Purification	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-85	Continuous Process: Finishing: Melt Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-86	Continuous Process: Finishing: Dryers	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-87	Continuous Process: Finishing: Flaker Drum	---	---	---	---	---	---	---	---	Tons Produced
3-01-010-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Hydrochloric Acid - 2819</u></i>										
3-01-011-01	By-product Process	---	---	---	---	---	---	---	---	Tons Produced
3-01-011-98	Handling and Storage (99.9% Removal)	---	---	---	---	---	---	---	---	1000 Gallons Handled
3-01-011-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Hydrofluoric Acid - 2819</u></i>										
3-01-012-02	Rotary Kiln: Acid Reactor	---	---	---	2.7	0.07	---	---	---	Tons Produced
3-01-012-03	Fluorspar Grinding/Drying	75	38.9	---	---	0.145	---	---	---	Tons Handled
3-01-012-04	Fluorspar Handling Silos	60	30.6	---	---	---	---	---	---	Tons Handled
3-01-012-05	Fluorspar Transfer	6	3.1	---	---	---	---	---	---	Tons Handled
3-01-012-06	Tail Gas Vent	---	---	---	45	---	---	---	---	Tons Produced
3-01-012-07	Fluorspar Drying Kiln: Fuel Combustion	---	---	---	---	---	---	---	---	Tons Handled
3-01-012-08	Rotary Kiln: Fuel Combustion	---	---	---	---	---	---	---	---	Tons Handled
3-01-012-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Nitric Acid - 2873</u></i>										
3-01-013-01	Absorber Tail Gas (Pre-1970 Facilities)	---	---	---	---	43	---	---	---	Tons Produced
3-01-013-02	Absorber Tail Gas (Post-1970 Facilities)	---	---	---	---	See App. C	---	---	---	Tons Produced
3-01-013-03	Nitric Acid Concentrators (Pre-1970)	---	---	---	---	10	---	---	---	Tons Produced
3-01-013-04	Nitric Acid Concentrators (Post-1970)	---	---	---	---	10	---	---	---	Tons Produced
3-01-013-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Paint Manufacture - 2851</u></i>										
3-01-014-01	General Mixing and Handling	20	---	---	---	---	30	---	---	Tons Produced
3-01-014-02	Pigment Handling	20	17	---	---	---	---	---	---	Tons Processed
3-01-014-03	Solvent Loss: General	---	---	---	---	---	---	---	---	Tons Lost
3-01-014-04	Raw Material Storage	---	---	---	---	---	---	---	---	1000 Gallons Stored
3-01-014-15	Premix/Preassembly	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-16	Premix/Preassembly: Mix Tanks and Agitators	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-17	Premix/Preassembly: Drums	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-18	Premix/Preassembly: Material Loading	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-30	Pigment Grinding/Milling	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-31	Pigment Grinding/Milling: Roller Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-32	Pigment Grinding/Milling: Ball and Pebble Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-33	Pigment Grinding/Milling: Attritors	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Paint Manufacture - 2851</u></i>										
3-01-014-34	Pigment Grinding/Milling: Sand Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-35	Pigment Grinding/Milling: Bead Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-36	Pigment Grinding/Milling: Shot Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-37	Pigment Grinding/Milling: Stone Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-38	Pigment Grinding/Milling: Colloid Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-39	Pigment Grinding/Milling: Kady Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-40	Pigment Grinding/Milling: Impingement Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-41	Pigment Grinding/Milling: Horizontal Media Mills	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-50	Product Finishing	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-51	Product Finishing, Tinting: Mix Tank and Disperser	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-52	Product Finishing, Tinting: Fixed Blend Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-53	Product Finishing, Thinning: Mix Tank and Disperser	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-54	Product Finishing, Thinning: Fixed Blend Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-60	Product Filling	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-61	Product Filling: Scale System	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-62	Product Filling: Product Filtering	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-63	Product Filling: Filling Operations	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-70	Equipment Cleaning	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-71	Equipment Cleaning: Hand Wipe	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-72	Equipment Cleaning: Tanks, Vessels, etc.	---	---	---	---	---	---	---	---	Tons Produced
3-01-014-98	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
3-01-014-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Varnish Manufacturing - 2851</u></i>										
3-01-015-01	Bodying Oil	---	---	---	---	---	40	---	---	Tons Produced
3-01-015-02	Oleoresinous	---	---	---	---	---	150	---	---	Tons Produced
3-01-015-03	Alkyd	---	---	---	---	---	160	---	---	Tons Produced
3-01-015-05	Acrylic	---	---	---	---	---	20	---	---	Tons Produced
3-01-015-10	Oil Storage	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-015-15	Kettle Loading	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-20	Varnish Cooking	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-21	Varnish Cooking: Open Kettle	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Varnish Manufacturing - 2851</u></i>										
3-01-015-22	Varnish Cooking: Closed Kettle	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-30	Varnish Thinning	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-40	Clarification	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-41	Clarification: Strainer	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-42	Clarification: Centrifuge	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-43	Clarification: Filter Press	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-50	End Product Transfer	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-60	End Product Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-015-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Phosphoric Acid: Wet Process - 2874</u></i>										
3-01-016-01	Reactor	---	---	---	---	---	---	---	---	Tons Handled
3-01-016-02	Gypsum Pond	---	---	---	---	---	---	---	---	Tons Handled
3-01-016-03	Condenser	---	---	---	---	---	---	---	---	Tons Handled
3-01-016-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Phosphoric Acid: Thermal Process - 2874</u></i>										
3-01-017-02	Absorber: General	---	---	---	---	---	---	---	---	Tons Burned
3-01-017-03	Absorber with Packed Tower	2.14	2.14	---	---	---	---	---	---	Tons Produced
3-01-017-04	Absorber with Venturi Scrubber	2.53	2.53	---	---	---	---	---	---	Tons Produced
3-01-017-05	Absorber with Glass Mist Eliminator	0.69	0.69	---	---	---	---	---	---	Tons Produced
3-01-017-06	Absorber with Wire Mist Eliminator	5.46	5.46	---	---	---	---	---	---	Tons Produced
3-01-017-07	Absorber with High-pressure Mist Eliminator	0.11	0.11	---	---	---	---	---	---	Tons Produced
3-01-017-08	Absorber with ESP	1.66	1.66	---	---	---	---	---	---	Tons Produced
3-01-017-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Plastics Production - 2821</u></i>										
3-01-018-01	Polyvinyl Chlorides and Copolymers (Use 6-46-3X0-XX)	35	23	---	0.025	200	17	---	---	Tons Produced
3-01-018-02	Polypropylene and Copolymers	3	2	---	---	131	0.7	---	---	Tons Produced
3-01-018-03	Ethylene-Propylene Copolymers	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-05	Phenolic Resins	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-07	General: Polyethylene (High Density)	---	0.66	---	---	---	---	---	---	Tons Produced
3-01-018-08	Monomer and Solvent Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-09	Extruder	---	---	---	---	---	11	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Plastics Production - 2821</i>										
3-01-018-10	Conveying	---	---	---	---	---	0.46	---	---	Tons Produced
3-01-018-11	Storage	0.8	---	---	---	---	0.01	---	---	Tons Produced
3-01-018-12	General: Polyethylene (Low Density)	---	0.66	---	---	---	---	---	---	Tons Produced
3-01-018-13	Recovery and Purification System	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-14	Extruder	---	---	---	---	---	66	---	---	Tons Produced
3-01-018-15	Pellet Silo	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-16	Transferring/Handling/Loading/Packing	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-17	General	---	---	---	---	---	See App. C	---	---	Tons Produced
3-01-018-18	Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-19	Solvent Recovery	---	---	---	---	---	3.2	---	---	Tons Produced
3-01-018-20	Polymer Drying	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-21	Extruding/Pelletizing/Conveying/Storage	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-018-22	Acrylic Resins	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-27	Polyamide Resins	---	---	---	---	1	---	---	---	Tons Produced
3-01-018-32	Urea-Formaldehyde Resins	---	---	---	---	---	14.7	---	---	Tons Produced
3-01-018-37	Polyester Resins	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-38	Reactor Kettle (Use 6-45-200-11 or 6-45-210-11)	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-39	Resin Thinning Tank (Use 6-45-200-21 or 6-45-210-21)	---	---	---	---	---	---	---	---	Tons Used
3-01-018-40	Resin Storage Tank (Use 6-45-200-23 or 6-45-210-23)	---	---	---	---	---	---	---	---	1000 Gallon-Years Stored
3-01-018-42	Melamine Resins	---	---	---	---	---	50	---	---	Tons Produced
3-01-018-47	Epoxy Resins	---	---	---	---	---	5.1	---	---	Tons Produced
3-01-018-49	Acrylonitrile-Butadiene-Styrene (ABS) Resin	---	---	---	---	---	60	---	---	Tons Produced
3-01-018-52	Polyfluorocarbons	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-60	Recovery System (Polyethylene)	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-61	Purification System (Polyethylene)	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-63	Extruder	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-64	Pellet Silo/Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-65	Transferring/Conveying	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-66	Packing/Shipping	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-70	Reactor (Polyether Resins)	---	---	---	---	---	50	---	---	Tons Produced
3-01-018-71	Blowing Agent: Freon (Polyether Resins)	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Plastics Production - 2821</u></i>										
3-01-018-72	Miscellaneous (Polyether Resins)	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-80	Reactor (Polyurethane)	---	---	---	---	---	52	---	---	Tons Produced
3-01-018-81	Blowing Agent: Freon (Polyurethane)	---	---	---	---	---	---	---	---	Tons Used
3-01-018-82	Blowing Agent: Methylene Chloride (Polyurethane)	---	---	---	---	---	---	---	---	Tons Used
3-01-018-83	Transferring/Conveying/Storage (Polyurethane)	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-84	Packing/Shipping (Polyurethane)	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-85	Other Not Classified (Polyurethane)	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-90	Catalyst Preparation	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-91	Reactor Vents	---	---	---	---	---	---	---	---	Tons Produced
3-01-018-92	Separation Processes	---	---	---	---	---	2	---	---	Tons Produced
3-01-018-93	Raw Material Storage	---	---	---	---	---	---	---	---	Tons Processed
3-01-018-94	Solvent Storage	---	---	---	---	---	---	---	---	Tons Stored
3-01-018-99	Others Not Specified	See App. C	---	---	---	---	See App. C	---	---	Tons Produced
<i><u>Phthalic Anhydride - 2865</u></i>										
3-01-019-01	o-Xylene Oxidation: Main Process Stream	138	130	---	94	---	---	301	---	Tons Produced
3-01-019-02	o-Xylene Oxidation: Pre-Treatment	13	12.2	---	---	---	---	---	---	Tons Produced
3-01-019-04	o-Xylene Oxidation: Distillation	89	83.7	---	---	---	2.4	---	---	Tons Produced
3-01-019-05	Naphthalene Oxidation: Main Process Stream	56	52.6	---	---	---	---	100	---	Tons Produced
3-01-019-06	Naphthalene Oxidation: Pre-Treatment	5	4.7	---	---	---	---	---	---	Tons Produced
3-01-019-07	Naphthalene Oxidation: Distillation	38	---	---	---	---	10	---	---	Tons Produced
3-01-019-08	Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-01-019-09	Flaking and Bagging	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Printing Ink Manufacture - 2893</u></i>										
3-01-020-01	Vehicle Cooking: General	---	---	---	---	---	120	---	---	Tons Produced
3-01-020-02	Vehicle Cooking: Oils	---	---	---	---	---	40	---	---	Tons Produced
3-01-020-03	Vehicle Cooking: Oleoresin	---	---	---	---	---	150	---	---	Tons Produced
3-01-020-04	Vehicle Cooking: Alkyds	---	---	---	---	---	160	---	---	Tons Produced
3-01-020-05	Pigment Mixing	2	1.7	---	---	---	6.2	---	---	Tons Produced
3-01-020-15	Premix/Preassembly	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-17	Premix/Preassembly: Drums	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-18	Premix/Preassembly: Material Loading	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Printing Ink Manufacture - 2893</u></i>										
3-01-020-30	Pigment Grinding/Milling	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-31	Pigment Grinding/Milling: Roller Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-32	Pigment Grinding/Milling: Ball and Pebble Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-33	Pigment Grinding/Milling: Attritors	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-34	Pigment Grinding/Milling: Sand Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-35	Pigment Grinding/Milling: Bead Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-36	Pigment Grinding/Milling: Shot Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-37	Pigment Grinding/Milling: Stone Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-38	Pigment Grinding/Milling: Colloid Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-39	Pigment Grinding/Milling: Kady Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-40	Pigment Grinding/Milling: Impingement Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-41	Pigment Grinding/Milling: Horizontal Media Mills	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-50	Product Finishing	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-51	Product Finishing, Tinting: Mix Tank and Disperser	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-52	Product Finishing, Tinting: Fixed Blend Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-53	Product Finishing, Thinning: Mix Tank and Disperser	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-54	Product Finishing, Thinning: Fixed Blend Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-60	Product Filling	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-61	Product Filling: Scale System	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-62	Product Filling: Product Filtering	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-63	Product Filling: Filling Operations	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-70	Equipment Cleaning	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-71	Equipment Cleaning: Hand Wipe	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-72	Equipment Cleaning: Tanks, Vessels, etc.	---	---	---	---	---	---	---	---	Tons Produced
3-01-020-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Sodium Carbonate - 2812</u></i>										
3-01-021-01	Solvay Process: NH3 Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-02	Solvay Process: Handling	50	10.5	---	---	---	---	---	---	Tons Produced
3-01-021-03	Trona Crushing/Screening	---	---	---	---	---	---	---	---	Tons Processed
3-01-021-04	Monohydrate Process: Rotary Ore Calciner: Gas-fired	368	24.7	---	---	---	---	---	---	Tons Processed
3-01-021-05	Monohydrate Process: Rotary Ore Calciner: Coal-fired	390	37.1	---	0.01	1.4	---	---	---	Tons Processed



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Sodium Carbonate - 2812</u>										
3-01-021-06	Rotary Soda Ash Dryers	84	17.6	---	---	---	---	---	---	Tons Produced
3-01-021-07	Fluid-bed Soda Ash Dryers/Coolers	146	19	---	---	---	---	---	---	Tons Produced
3-01-021-08	Dissolver	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-10	Trona Calcining	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-11	Trona Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-12	Rotary Pre-dryer	3.1	5.2	---	---	---	---	---	---	Tons Fed
3-01-021-13	Bleacher: Gas-fired	311	7.8	---	---	---	---	---	---	Tons Fed
3-01-021-14	Rotary Dryer: Steam Tube	67	14	---	---	---	---	---	---	Tons Produced
3-01-021-20	Brine Evaporation	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-21	Ore Crushing and Screening	---	---	---	---	---	---	---	---	Tons Processed
3-01-021-22	Soda Ash Storage: Loading and Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-01-021-23	Ore Mining	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-24	Ore Transfer	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-25	Sesquicarbonate Process: Rotary Calciner	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-26	Sesquicarbonate Process: Fluid-bed Calciner	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-27	Soda Ash Screening	---	---	---	---	---	---	---	---	Tons Produced
3-01-021-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Sulfuric Acid (Chamber Process) - 2819</u>										
3-01-022-01	General	---	---	---	---	---	---	---	---	Tons Produced
<u>Sulfuric Acid (Contact Process) - 2819</u>										
3-01-023-01	Absorber/@ 99.9% Conversion	---	---	---	1.4	0.004	---	---	---	Tons Produced
3-01-023-04	Absorber/@ 99.5% Conversion	---	---	---	7	0.004	---	---	---	Tons Produced
3-01-023-06	Absorber/@ 99.0% Conversion	---	---	---	14	0.004	---	---	---	Tons Produced
3-01-023-08	Absorber/@ 98.0% Conversion	---	---	---	27	0.004	---	---	---	Tons Produced
3-01-023-10	Absorber/@ 97.0% Conversion	---	---	---	40	0.004	---	---	---	Tons Produced
3-01-023-12	Absorber/@ 96.0% Conversion	---	---	---	55	0.004	---	---	---	Tons Produced
3-01-023-14	Absorber/@ 95.0% Conversion	---	---	---	70	0.004	---	---	---	Tons Produced
3-01-023-16	Absorber/@ 94.0% Conversion	---	---	---	82	0.004	---	---	---	Tons Produced
3-01-023-18	Absorber/@ 93.0% Conversion	---	---	---	96	0.004	---	---	---	Tons Produced
3-01-023-19	Concentrator	---	---	---	---	---	---	---	---	Tons Produced
3-01-023-20	Tank Car and Truck Unloading	---	---	---	0.1	---	---	---	---	Tons Loaded

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Sulfuric Acid (Contact Process) - 2819</u>										
3-01-023-21	Storage Tank Vent	---	---	---	0.1	---	---	---	---	Tons Stored
3-01-023-22	Process Equipment Leaks	---	---	---	---	---	---	---	---	Tons Produced
3-01-023-23	Sulfur Melting and Filtering	---	---	---	---	---	---	---	---	Tons Processed
3-01-023-24	Oleum Tower	---	---	---	---	---	---	---	---	Tons Processed
3-01-023-25	Gas Cleaning and Cooling	---	---	---	---	---	---	---	---	Tons Processed
3-01-023-30	Combustion Chamber	---	---	---	---	---	---	---	---	Tons Processed
3-01-023-31	Drying Tower	---	---	---	---	---	---	---	---	Tons Processed
3-01-023-32	Convertor	---	---	---	---	---	---	---	---	Tons Processed
3-01-023-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Synthetic Organic Fiber Manufacturing - 2824</u>										
3-01-024-01	Nylon #6: Staple (Uncontrolled)	---	0.01	---	---	---	4.3	---	---	Tons Produced
3-01-024-02	Polyesters: Staple	0.06	33.3	---	---	---	See App. C	---	---	Tons Produced
3-01-024-03	Polyester: Yarn	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-04	Nylon #6: Yarn	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-05	Polyfluorocarbons (e.g., Teflon)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-06	Nylon#66: Controlled	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-07	Nylon #66: Uncontrolled	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-08	Acrylic: Copolymer (Inorganic)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-09	Acrylic: Controlled	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-10	Acrylic: Uncontrolled	---	---	---	---	---	See App. C	---	---	Tons Produced
3-01-024-11	Modacrylic: Dry Spun	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-12	Acrylic and Modacrylic: Wet Spun	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-13	Acrylic: Homopolymer (Inorganic): Wet Spun	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-14	Polyolefin: Melt Spun	---	0.01	---	---	---	74.2	---	---	Tons Produced
3-01-024-15	Vinyls (e.g., Saran)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-16	Aramid	---	---	---	---	---	4.3	---	---	Tons Produced
3-01-024-17	Spandex: Dry Spun (Use 6-49-300-XX)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-18	Spandex: Reaction Spun (Use 6-49-310-XX)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-19	Vinyon: Dry Spun	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-21	Dope Preparation (Use 6-49-300-11 or 6-49-310-11 for Spandex)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-22	Filtration (Use 6-49-300-12 or 6-49-310-12 for Spandex)	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Synthetic Organic Fiber Manufacturing - 2824</u></i>										
3-01-024-23	Fiber Extrusion (Use 6-49-300-21 of 6-49-310-21 for Spandex)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-24	Washing/Drying/Finishing (Use 6-49-300-30 or 6-49-310-30 for Spandex)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-25	Fiber Storage (Use 6-49-300-45 or 6-49-310-45 for Spandex)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-26	Equipment Cleanup (Use 6-49-300-50 or 6-49-310-50 for Spandex)	---	---	---	---	---	---	---	---	Tons Produced
3-01-024-27	Solvent Storage (Use 4-07-004-01 thru 4-07-999-98 for Spandex)	---	---	---	---	---	---	---	---	Tons Stored
3-01-024-28	Leaching	---	---	---	---	---	---	---	---	Tons Processed
3-01-024-29	Mixing	---	---	---	---	---	---	---	---	Tons Processed
3-01-024-31	Heat Treating Furnace: Carbonization	---	---	---	---	---	---	---	---	Tons Processed
3-01-024-32	Curing Oven: Carbonization	---	---	---	---	---	---	---	---	Tons Processed
3-01-024-34	Fiber Laminate Process	---	---	---	---	---	---	---	---	Tons Processed
3-01-024-35	Fiber Handling and Storage	---	---	---	---	---	---	---	---	Tons Processed
3-01-024-99	Other Not Classified	See App. C	---	---	---	---	See App. C	---	---	Tons Produced
<i><u>Cellulosic Fiber Production - 2823</u></i>										
3-01-025-01	Viscose (e.g., Rayon) (Use 6-49-200-XX)	---	---	---	---	---	---	---	---	Tons Produced
3-01-025-05	Cellulose Acetate: Filer Tow	---	---	---	---	---	290	---	---	Tons Produced
3-01-025-06	Cellulose Acetate and Triacetitic, Filament Yarn	---	---	---	---	---	---	---	---	Tons Produced
3-01-025-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Synthetic Rubber (Manufacturing Only) - 2822</u></i>										
3-01-026-01	General	---	---	---	---	---	5.2	---	---	Tons Produced
3-01-026-02	Butyl (Isobutylene)	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-08	Acrylonitrile	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-09	Dryers	---	---	---	---	---	5.02	---	---	Tons Produced
3-01-026-10	Blowdown Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-11	Steam Stripper	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-12	Pre-storage Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-13	Monomer Recovery: Absorber Vent	---	---	---	---	---	0.52	---	---	Tons Produced
3-01-026-14	Blending Tanks	---	---	---	---	---	0.84	---	---	Tons Produced
3-01-026-15	Isoprene	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Synthetic Rubber (Manufacturing Only) - 2822</u></i>										
3-01-026-16	Latex: Monomer Removal	---	---	---	---	---	16.9	---	---	Tons Produced
3-01-026-17	Latex: Blending Tank	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-026-18	Uninhibited Monomer Storage	---	---	---	---	---	---	---	---	Gallons Stored
3-01-026-19	Inhibited Monomer Storage	---	---	---	---	---	---	---	---	Gallons Stored
3-01-026-20	Monomer Inhibitor Removal	---	---	---	---	---	---	---	---	Gallons Processed
3-01-026-21	Emulsion Crumb Process: Polymerization	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-22	Emulsion Crumb Process: Monomer Recovery: Uncontrolled	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-23	Emulsion Crumb Process: Styrene Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-24	Emulsion Crumb Process: Crumb Screens	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-25	Chloroprene	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-26	Emulsion Crumb Process: Crumb Bailing and Weighing	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-27	Emulsion Crumb Process: Crumb Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-28	Emulsion Crumb Process: Rotary Press	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-30	Silicone Rubber	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-41	Emulsion Latex Process: Polymerization	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-42	Emulsion Latex Process: Styrene Condenser	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-43	Emulsion Latex Process: Latex Screen Filters	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-44	Emulsion Latex Process: Latex Packaging	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-45	Emulsion Latex Process: Latex Loading	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-46	Emulsion Latex Process: Latex Product Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-50	Fugitive Emissions: Monomer Unloading	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-51	Fugitive Emissions: Soap Solution Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-52	Fugitive Emissions: Activated Catalyst Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-53	Fugitive Emissions: Modifier Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-54	Fugitive Emissions: Stabilizer Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-55	Fugitive Emissions: Antioxidant Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-56	Fugitive Emissions: Carbon Black Storage	---	---	---	---	---	---	---	---	Tons Produced
3-01-026-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Ammonium Nitrate Production - 2873</u></i>										
3-01-027-01	Prilling Tower: Neutralizer	---	---	---	---	---	---	---	---	Tons Produced
3-01-027-04	Neutralizer	0.09 - 8.6	4.35	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Ammonium Nitrate Production - 2873</u></i>										
3-01-027-05	Granulator	0.4	---	---	---	---	---	---	---	Tons Produced
3-01-027-06	Dryers and Coolers	7	---	---	---	---	---	---	---	Tons Produced
3-01-027-07	Rotary Drum Granulator	392	78	---	---	---	---	---	---	Tons Produced
3-01-027-08	Pan Granulator	2.68	0.05	---	---	---	---	---	---	Tons Produced
3-01-027-09	Bulk Loading (General)	< 0.02	0.02	---	---	---	---	---	---	Tons Produced
3-01-027-10	Bagging of Product	0.19	0.16	---	---	---	---	---	---	Tons Produced
3-01-027-11	Neutralizer: High Density	4.35	4.35	---	---	---	---	---	---	Tons Produced
3-01-027-12	Prilling Tower: High Density	3.18	3	---	---	---	---	---	---	Tons Produced
3-01-027-13	High Density Dryers and Coolers (scb)	0.1	---	---	---	---	---	---	---	Tons Produced
3-01-027-14	Prilling Cooler: High Density	1.6	0.01	---	---	---	---	---	---	Tons Produced
3-01-027-17	Evaporator/Concentrator: High Density	0.52	0.49	---	---	---	---	---	---	Tons Produced
3-01-027-18	Coating: High Density	< 4	3.4	---	---	---	---	---	---	Tons Produced
3-01-027-20	Solids Screening	---	---	---	---	---	---	---	---	Tons Produced
3-01-027-21	Neutralizer: Low Density	4.35	4.35	---	---	---	---	---	---	Tons Produced
3-01-027-22	Prilling Tower: Low Density	0.92	0.8	---	---	---	---	---	---	Tons Produced
3-01-027-23	Low Density Dryers and Coolers (scb)	0.08	---	---	---	---	---	---	---	Tons Produced
3-01-027-24	Prilling Cooler: Low Density	51.6	0.2	---	---	---	---	---	---	Tons Produced
3-01-027-25	Prilling Dryer: Low Density	114	0.2	---	---	---	---	---	---	Tons Produced
3-01-027-27	Evaporator/Concentrator: Low Density	0.52	0.49	---	---	---	---	---	---	Tons Produced
3-01-027-28	Coating: Low Density	4	3.4	---	---	---	---	---	---	Tons Produced
3-01-027-29	Rotary Drum Granulator Coolers	16.2	0.5	---	---	---	---	---	---	Tons Produced
3-01-027-30	Pan Granulator Coolers	36.6	0.5	---	---	---	---	---	---	Tons Produced
<i><u>Normal Superphosphates - 2874</u></i>										
3-01-028-01	Grinding/Drying	---	4.6	---	---	---	---	---	---	Tons Produced
3-01-028-03	Rock Unloading	0.56	0.29	---	---	---	---	---	---	Tons Produced
3-01-028-04	Rock Feeder System	0.11	0.06	---	---	---	---	---	---	Tons Produced
3-01-028-05	Mixer/Den	0.52	0.27	---	---	---	---	---	---	Tons Produced
3-01-028-06	Curing/Building	7.2	6.1	---	---	---	---	---	---	Tons Produced
3-01-028-07	Bagging/Handling	---	---	---	---	---	---	---	---	Tons Produced
3-01-028-20	Mixing	---	---	---	---	---	---	---	---	Tons Produced
3-01-028-21	Den	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Normal Superphosphates - 2874</i>										
3-01-028-22	Curing	---	---	---	---	---	---	---	---	Tons Produced
3-01-028-23	Ammoniator/Granulator	---	---	---	---	---	---	---	---	Tons Granulated
3-01-028-24	Dryer	---	---	---	---	---	---	---	---	Tons Granulated
3-01-028-25	Cooler	---	---	---	---	---	---	---	---	Tons Granulated
3-01-028-26	Pulverizer: Granular Phosphate	---	---	---	---	---	---	---	---	Tons Granulated
<i>Triple Superphosphate - 2874</i>										
3-01-029-03	Rock Unloading	0.14	0.07	---	---	---	---	---	---	Tons Produced
3-01-029-04	Rock Feeder System	0.03	0.02	---	---	---	---	---	---	Tons Produced
3-01-029-05	Run of Pile: Mixer/Den/Curing	0.03	0.02	---	---	---	---	---	---	Tons Produced
3-01-029-06	Granulator: Reactor/Dryer	0.1	0.05	---	---	---	---	---	---	Tons Produced
3-01-029-07	Granulator: Curing	0.2	0.1	---	---	---	---	---	---	Tons Produced
3-01-029-08	Bagging/Handling	---	---	---	---	---	---	---	---	Tons Produced
3-01-029-09	Mechanical Cutting	---	---	---	---	---	---	---	---	Tons Produced
3-01-029-10	Crushing and Screening	---	---	---	---	---	---	---	---	Tons Produced
3-01-029-20	Mixing	---	---	---	---	---	---	---	---	Tons Produced
3-01-029-21	Den	---	---	---	---	---	---	---	---	Tons Produced
3-01-029-22	Curing	---	---	---	---	---	---	---	---	Tons Produced
3-01-029-23	Ammoniator/Granulator	---	---	---	---	---	---	---	---	Tons Granulated
3-01-029-24	Dryer	---	---	---	---	---	---	---	---	Tons Granulated
3-01-029-25	Cooler	---	---	---	---	---	---	---	---	Tons Granulated
<i>Ammonium Phosphates - 2874</i>										
3-01-030-00	Entire Plant	---	---	---	---	---	---	---	---	
3-01-030-01	Dryers and Coolers	1.5	1.3	---	3.1	1.7	0.03	---	---	Tons Produced
3-01-030-02	Ammoniator/Granulator	1.52	1.3	---	0.3	---	---	---	---	Tons Produced
3-01-030-03	Screening/Transfer	0.06	---	---	---	---	---	---	---	Tons Produced
3-01-030-04	Bagging/Handling	---	---	---	---	---	---	---	---	Tons Produced
3-01-030-20	Mixing	---	---	---	---	---	---	---	---	Tons Produced
3-01-030-21	Den	---	---	---	---	---	---	---	---	Tons Produced
3-01-030-22	Curing	---	---	---	---	---	---	---	---	Tons Produced
3-01-030-23	Ammoniator/Granulator	---	---	---	---	---	---	---	---	Tons Granulated
3-01-030-24	Dryer	---	---	---	---	---	---	---	---	Tons Granulated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Ammonium Phosphates - 2874</u>										
3-01-030-25	Cooler	---	---	---	---	---	---	---	---	Tons Granulated
3-01-030-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Terephthalic Acid/Dimethyl Terephthalate - 2869</u>										
3-01-031-01	HNO3 - Para-xylene: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-031-02	Reactor Vent	---	---	---	---	---	30	34	---	Tons Produced
3-01-031-03	Crystallization, Separation, and Drying Vent	---	---	---	---	---	3.8	---	---	Tons Produced
3-01-031-04	Distillation and Recovery Vent	---	---	---	---	---	2.2	---	---	Tons Produced
3-01-031-05	Product Transfer Vent	---	---	---	---	---	3.6	4	---	Tons Produced
3-01-031-06	Gas/Liquid Separator	---	---	---	---	---	---	---	---	Tons Produced
3-01-031-07	High Pressure Absorber	---	---	---	---	---	---	---	---	Tons Produced
3-01-031-08	Solid/Liquid Separator	---	---	---	---	---	---	---	---	Tons Produced
3-01-031-09	Residue Still	---	---	---	---	---	---	---	---	Tons Produced
3-01-031-10	C-TPA Purification	---	---	---	---	---	---	---	---	Tons Produced
3-01-031-80	Fugitive Emissions	---	---	---	---	---	294400	---	---	Each-Year Operating
3-01-031-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Elemental Sulfur Production - 2819</u>										
3-01-032-01	Mod. Claus: 2 Stage w/o Control (92-95% Removal)	---	---	---	280	0.35	3	---	---	Tons Produced
3-01-032-02	Mod. Claus: 3 Stage w/o Control (95-96% Removal)	---	---	---	189	0.1	9.1	---	---	Tons Produced
3-01-032-03	Mod. Claus: 4 Stage w/o Control (96-97% Removal)	---	---	---	145	0.1	---	---	---	Tons Produced
3-01-032-04	Sulfur Removal Process (99.9% Removal)	---	---	---	---	0.1	0.05	---	---	Tons Produced
3-01-032-05	Sulfur Storage	---	---	---	---	---	---	---	---	Tons Stored
3-01-032-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Pesticides - 2879</u>										
3-01-033-01	Malathion	---	---	---	---	---	0.01	---	---	Gallons Produced
3-01-033-11	General	---	---	---	---	---	---	---	---	Gallons Stored
3-01-033-12	General	---	---	---	---	---	---	---	---	Pounds Stored
3-01-033-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Aniline/Ethanolamines - 2869</u>										
3-01-034-02	General: Aniline	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-034-03	Reactor Cycle Purge Vent	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Aniline/Ethanolamines - 2869</u></i>										
3-01-034-04	Dehydration Column Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-05	Purification Column Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-06	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-034-10	General: Ethanolamines	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-11	Ammonia Scrubber Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-12	Vacuum Distillation: Jet Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-14	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-034-15	Ethylenediamine	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-20	Hexamethylenediamine	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-25	Hexamethylenetetramine	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-30	Melamine	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-35	Methylamines	---	---	---	---	---	---	---	---	Tons Produced
3-01-034-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Inorganic Pigments - 2816</u></i>										
3-01-035-01	TiO2 Sulfate Process: Calciner	---	27.6	---	---	---	---	---	---	Tons Produced
3-01-035-02	TiO2 Sulfate Process: Digester	---	---	---	3.6	---	---	---	---	Tons Produced
3-01-035-03	TiO2 Chloride Process: Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-035-06	Lead Oxide: Barton Pot	0.43 - 0.85	0.64	---	---	---	---	---	0.44	Tons Produced
3-01-035-07	Lead Oxide: Calciner	14.27	15	---	---	---	---	---	14	Tons Produced
3-01-035-10	Red Lead	1	1	---	---	---	---	---	0.9	Tons Produced
3-01-035-15	White Lead	---	0.69	---	---	---	---	---	0.55	Tons Produced
3-01-035-20	Lead Chromate	---	0.2	---	---	---	---	---	0.13	Tons Produced
3-01-035-50	Ore Grinding	---	---	---	---	---	---	---	---	Tons Produced
3-01-035-51	Ore Dryer	---	6.9	---	---	---	---	---	---	Tons Produced
3-01-035-52	Pigment Milling	---	---	---	---	---	---	---	---	Tons Produced
3-01-035-53	Pigment Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-01-035-54	Conveying/Storage/Packing	---	---	---	---	---	---	---	---	Tons Produced
3-01-035-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Sodium Bicarbonate - 2812</u></i>										
3-01-038-01	General	---	---	---	---	---	---	---	---	Tons Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Hydrogen Cyanide - 2819</i>										
3-01-039-01	Air Heater: General	---	---	---	---	---	14	---	---	Tons Produced
3-01-039-02	Ammonia Absorber	---	---	---	---	---	---	---	---	Tons Produced
3-01-039-03	HCN Absorber	---	---	---	---	---	---	---	---	Tons Produced
<i>Urea Production - 2873</i>										
3-01-040-01	General: Specify in Comments	---	---	---	---	---	---	---	---	Tons Produced
3-01-040-02	Solution Concentration (Controlled)	0.021	0.011	---	---	---	---	---	---	Tons Produced
3-01-040-03	Prilling	3.8	3.57	---	---	---	---	---	---	Tons Produced
3-01-040-04	Drum Granulation	241	4.82	---	---	---	0.009	---	---	Tons Produced
3-01-040-05	Coating	4	3.4	---	---	---	---	---	---	Tons Produced
3-01-040-06	Bagging	0.19	0.16	---	---	---	---	---	---	Tons Produced
3-01-040-07	Bulk Loading	0.02	0.017	---	---	---	---	---	---	Tons Produced
3-01-040-08	Non-fluidized Bed Prilling (Agricultural Grade)	3.8	3.4	---	---	---	---	---	---	Tons Produced
3-01-040-09	Non-fluidized Bed Prilling (Feed Grade)	3.6	3.1	---	---	---	---	---	---	Tons Produced
3-01-040-10	Fluidized Bed Prilling (Agricultural Grade)	6.2	3.7	---	---	---	0.02	---	---	Tons Produced
3-01-040-11	Fluidized Bed Prilling (Feed Grade)	3.6	0.86	---	---	---	0.004	---	---	Tons Produced
3-01-040-12	Rotary Drum Cooler	7.78	5.4	---	---	---	---	---	---	Tons Produced
3-01-040-13	Solids Screening	---	---	---	---	---	---	---	---	Tons Produced
3-01-040-14	Pan Granulation	---	---	---	---	---	---	---	---	Tons Produced
3-01-040-20	Solution Synthesis	---	---	---	---	---	---	---	---	Tons Produced
<i>Nitrocellulose - 2892</i>										
3-01-041-01	Nitration Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-02	Sulfuric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-03	Boiling Tubs	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-04	Nitric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-05	Nitric/Sulfuric Acid Mixing	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-06	Batch Process: Purification Beaters	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-07	Batch Process: Purification Poacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-08	Batch Process: Purification Blender	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-09	Batch Process: Purification Wringer	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-10	Raw Cellulose Purification	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-20	Batch Process: Spent Acid Recovery	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Nitrocellulose - 2892</i>										
3-01-041-21	Batch Process: Spent Acid Recovery: Denitrating Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-22	Batch Process: Spent Acid Recovery: Sulfuric Acid Regenerator	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-23	Batch Process: Spent Acid Recovery: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-24	Batch Process: Spent Acid Recovery: Reflux Columns	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-30	Batch Process: Nitric Acid Concentration	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-31	Batch Process: Nitric Acid Concentration: Distillation Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-32	Batch Process: Nitric Acid Concentration: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-33	Batch Process: Nitric Acid Concentration: Condenser	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-34	Batch Process: Nitric Acid Concentration: Absorber Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-35	Batch Process: Nitric Acid Concentration: Dehydrating Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-50	Continuous Process: Nitration Reactors	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-51	Continuous Process: Sulfuric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-52	Continuous Process: Purification Boiling Tubs	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-53	Continuous Process: Nitric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-54	Continuous Process: Purification Beaters	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-55	Continuous Process: Purification Poacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-56	Continuous Process: Purification Blender	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-57	Continuous Process: Purification Wringer	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-60	Continuous Process: Spent Acid Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-61	Continuous Process: Spent Acid Recovery: Denitrating Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-62	Continuous Process: Spent Acid Recovery: Sulfuric Acid Regenerator	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-63	Continuous Process: Spent Acid Recovery: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-64	Continuous Process: Spent Acid Recovery: Reflux Columns	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-70	Continuous Process: Nitric Acid Concentration	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-71	Continuous Process: Nitric Acid Concentration: Distillation Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-72	Continuous Process: Nitric Acid Concentration: Bleacher	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Nitrocellulose - 2892</u>										
3-01-041-73	Continuous Process: Nitric Acid Concentration: Condenser	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-74	Continuous Process: Nitric Acid Concentration: Absorber Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-75	Continuous Process: Nitric Acid Concentration: Dehydrating Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-041-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Lead Alkyl Manufacturing (Sodium/Lead Alloy Process) - 2869</u>										
3-01-042-01	Recovery Furnace	59.3	59.3	---	---	2.67	---	---	55	Tons Produced
3-01-042-02	Process Vents: Tetraethyl Lead	---	---	---	---	---	---	---	4	Tons Produced
3-01-042-03	Process Vents: Tetramethyl Lead	---	---	---	---	---	---	---	150	Tons Produced
3-01-042-04	Sludge Pits	---	1.9	---	---	---	---	---	1.2	Tons Produced
<u>Lead Alkyl Manufacturing (Electrolytic Process) - 2869</u>										
3-01-043-01	General	---	---	---	---	---	---	---	1	Tons Produced
<u>Organic Fertilizer - 2873</u>										
3-01-045-01	General: Mixing/Handling	---	---	---	---	---	---	---	---	Tons Processed
<u>Adhesives - 1311, 2491, 2653, 2679, 2821, 2824, 2843, 2851, 28</u>										
3-01-050-01	General/Compound Unknown	---	---	---	---	---	---	---	---	Tons Produced
<u>Animal Adhesives - 2834, 2899, 2890, 2891</u>										
3-01-051-01	Animal Adhesives	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-05	Raw Materials Grinding	---	---	---	---	---	---	---	---	Tons Processed
3-01-051-08	Degreasing	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-10	Lining/Plumping	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-12	Washing	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-14	Cooking	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-16	Hot Water Extractions	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-18	Filtering/Centrifuging	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-20	Evaporation	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-22	Chilling	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-24	Drying	---	---	---	---	---	---	---	---	Tons Produced
3-01-051-30	End Product Finishing	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Casein - 2821, 2824, 2891, 3089</i>										
3-01-052-01	Casein Manufacture	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-05	Precipitation	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-10	Draining	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-11	Draining: Batch Method	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-12	Draining: Continuous Method	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-15	Washing	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-20	Dewatering	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-21	Dewatering: Continuous Power Press	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-22	Dewatering: Hand Press	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-30	Grinding Curd	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-35	Drying	---	---	---	---	---	---	---	---	Tons Produced
3-01-052-40	Grinding, Packaging, and Storing	---	---	---	---	---	---	---	---	Tons Produced
<i>Pharmaceutical Preparations - 2834</i>										
3-01-060-01	Vacuum Dryers	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-02	Reactors	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-03	Distillation Units	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-04	Filters	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-05	Extractors	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-06	Centrifuges	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-07	Crystallizers	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-08	Exhaust Systems	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-09	Air Dryers	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-10	Storage/Transfer	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-11	Coating Process	---	---	---	---	---	---	---	---	Tons Consumed
3-01-060-12	Granulation Process	---	---	---	---	---	---	---	---	Tons Consumed
3-01-060-13	Fermentation Tanks	---	---	---	---	---	---	---	---	100 Pounds Produced
3-01-060-21	Raw Material Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-01-060-22	Miscellaneous Fugitives	---	---	---	---	---	---	---	---	Tons Processed
3-01-060-23	Miscellaneous Fugitives	---	---	---	---	---	---	---	---	Tons Processed
3-01-060-99	Other Not Classified	---	---	---	---	---	---	---	---	100 Pounds Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Inorganic Chemical Manufacturing (General) - 2812, 2813, 2816, 2819</i></u>										
3-01-070-01	Fugitive Leaks	---	---	---	---	---	---	---	---	Tons Produced
3-01-070-02	Storage/Transfer	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Hydrogen - 2813</i></u>										
3-01-071-01	Reformers	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
3-01-071-02	CO Converter	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
3-01-071-03	Hydrogen Storage	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
<u><i>Acetone/Ketone Production - 2869</i></u>										
3-01-091-01	Acetone: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-091-05	Methyl Ethyl Ketone	---	---	---	---	---	2.4	---	---	Tons Produced
3-01-091-10	Methyl Isobutyl Ketone	---	---	---	---	---	---	---	---	Tons Produced
3-01-091-51	Acetone: Cumene Oxidation	---	---	---	---	---	---	---	---	Tons Produced
3-01-091-52	Acetone: CHP Concentrator	---	---	---	---	---	---	---	---	Tons Produced
3-01-091-53	Acetone: Light-ends Distillation Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-091-54	Acetone: Finishing Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-091-80	Acetone: Fugitive Emissions	---	---	---	---	---	452000	---	---	Each-Year Operating
3-01-091-99	Ketone: Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Maleic Anhydride - 2865</i></u>										
3-01-100-02	Product Recovery Absorber	---	---	---	---	---	174	---	---	Tons Produced
3-01-100-03	Vacuum System Vent	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-100-04	Briquetting	---	---	---	---	---	2.5	---	---	Tons Produced
3-01-100-05	Secondary Sources: Dehydration Column, Vacuum System	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-100-80	Fugitive Emissions	---	---	---	---	---	62300	---	---	Each-Year Operating
3-01-100-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Asbestos Chemical - 3999, 2819,</i></u>										
3-01-111-03	Brake Line/Grinding	---	---	---	---	---	---	---	---	Tons Produced
3-01-111-99	Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Elemental Phosphorous - 2819</i></u>										
3-01-112-01	Calciner	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Elemental Phosphorous - 2819</u>										
3-01-112-02	Furnace	---	---	---	---	---	---	---	---	Tons Processed
3-01-112-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Boric Acid - 2800</u>										
3-01-113-01	Dryer	---	0.58	---	---	---	---	---	---	Tons Dried
<u>Potassium Chloride - 2800</u>										
3-01-114-01	Dryer	---	2.68	---	---	---	---	---	---	Tons Produced
<u>Aluminum Sulfate Manufacturing - 2819</u>										
3-01-115-01	Bauxite Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-01-115-02	Hammer Mill	---	---	---	---	---	---	---	---	Tons Processed
3-01-115-03	Bauxite Storage	---	---	---	---	---	---	---	---	Tons Processed
3-01-115-04	Elevator	---	---	---	---	---	---	---	---	Tons Processed
3-01-115-05	Conveyor	---	---	---	---	---	---	---	---	Tons Processed
3-01-115-06	Cooker	---	---	---	---	---	---	---	---	Tons Processed
3-01-115-07	Alums Storage	---	---	---	---	---	---	---	---	Tons Processed
3-01-115-08	H2SO4 Process Tank	---	---	---	---	---	---	---	---	Tons Processed
3-01-115-09	Alums Loading	---	---	---	---	---	---	---	---	Tons Processed
<u>Formaldehyde, Acrolein, Acetaldehyde, Butyraldehyde - 2869</u>										
3-01-120-01	Formaldehyde: Silver Catalyst	---	---	---	---	---	13	36	---	Tons Produced
3-01-120-02	Formaldehyde: Mixed Oxide Catalyst	---	---	---	---	---	16	---	---	Tons Produced
3-01-120-05	Formaldehyde: Absorber Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-120-06	Formaldehyde: Fractionator Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-120-07	Formaldehyde: Fugitive Emissions	---	---	---	---	---	35700	---	---	Each-Year Operating
3-01-120-11	Acetaldehyde from Ethylene	---	---	---	---	---	2.8	---	---	Tons Produced
3-01-120-12	Acetaldehyde from Ethanol	---	---	---	---	---	0.04	5.5	---	Tons Produced
3-01-120-13	Acetaldehyde: Off-air Absorber Vent	---	---	---	---	---	4.5	---	---	Tons Produced
3-01-120-14	Acetaldehyde: Off-gas Absorber Vent	---	---	---	---	---	5.6	---	---	Tons Produced
3-01-120-17	Acetaldehyde: Fugitive Emissions	---	---	---	---	---	165000	---	---	Each-Year Operating
3-01-120-21	Butyraldehyde: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-120-31	Acrolein: CO2 Stripping Tower	---	---	---	---	---	120	---	---	Tons Produced
3-01-120-32	Acrolein: Aqueous Acrolein Receiver	---	---	---	---	---	6	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Formaldahyde, Acrolein, Acetaldehyde, Butyraldehyde - 2869</u>										
3-01-120-33	Acrolein: Distillation System	---	---	---	---	---	15	---	---	Tons Produced
3-01-120-34	Acrolein: Refrigeration Unit	---	---	---	---	---	54	---	---	Tons Produced
3-01-120-37	Acrolein: Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-120-99	Acrolein: Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Organic Dyes/Pigments - 2865</u>										
3-01-121-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Chloroprene - 2869</u>										
3-01-124-01	General	---	---	---	---	---	11.17	---	---	Tons Produced
3-01-124-02	Butadiene Dryer	---	---	---	---	---	2.4	---	---	Tons Produced
3-01-124-03	Chlorination Reactor	---	---	---	---	---	0.47	---	---	Tons Produced
3-01-124-04	Dichlorobutene Still	---	---	---	---	---	7.8	---	---	Tons Produced
3-01-124-05	Isomerization and 3,4-DCB Recovery Vent	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-124-06	Chloroprene Stripper	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-124-07	Brine Stripper	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-124-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Chlorine Derivatives - 2869</u>										
3-01-125-01	Ethylene Dichloride via Oxychlorination	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-02	Ethylene Dichloride via Direct Chlorination	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-04	Ethylene Dichloride: Caustic Scrubber	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-05	Ethylene Dichloride: Reactor Vessel	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-06	Ethylene Dichloride: Distillation Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-09	Ethylene Dichloride: Fugitive Emissions	---	---	---	---	---	182000	---	---	Each-Year Operating
3-01-125-10	Chloromethanes: General	---	---	---	---	---	12.3	---	---	Tons Produced
3-01-125-11	Chloromethanes: Recycled Methane Inert-purge	---	---	---	---	---	4.2	---	---	Tons Produced
3-01-125-12	Chloromethanes: Drying Bed Regeneration Vent	---	---	---	---	---	0.1	---	---	Tons Produced
3-01-125-14	Chloromethanes: Fugitive Emissions	---	---	---	---	---	482000	---	---	Each-Year Operating
3-01-125-15	Ethyl Chloride: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-20	Perchloroethylene: General	---	---	---	---	---	2.7	---	---	Tons Produced
3-01-125-21	Perchloroethylene: Distillation Vent	---	---	---	---	---	0.8	---	---	Tons Produced
3-01-125-22	Perchloroethylene: Caustic Scrubber	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-24	Perchloroethylene: Fugitive Emissions	---	---	---	---	---	365000	---	---	Each-Year Operating

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Chlorine Derivatives - 2869</i>										
3-01-125-25	Trichloroethane: General	---	---	---	---	---	5.2	---	---	Tons Produced
3-01-125-26	Trichloroethane: HCl Absorber Vent	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-125-27	Trichloroethane: Drying Column Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-28	Trichloroethane: Distillation Column Vent	---	---	---	---	---	0.38	---	---	Tons Produced
3-01-125-29	Trichloroethane: Fugitive Emissions	---	---	---	---	---	77400	---	---	Each-Year Operating
3-01-125-30	Trichloroethylene: General	---	---	---	---	---	1.3	---	---	Tons Produced
3-01-125-31	Trichloroethylene: Distillation Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-32	Trichloroethylene: Neutralizer	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-33	Trichloroethylene: Product Drying Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-34	Trichloroethylene: Fugitive Emissions	---	---	---	---	---	365000	---	---	Each-Year Operating
3-01-125-35	Chlorobenzenes: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-40	Vinyl Chloride: General	---	---	---	---	---	6.5	---	---	Tons Produced
3-01-125-41	Vinyl Chloride: Cracking Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-42	Vinyl Chloride: HCl Recovery	0.2	---	---	---	---	0.2	---	---	Tons Produced
3-01-125-43	Vinyl Chloride: Light-ends Recovery	---	---	---	---	---	2	---	---	Tons Produced
3-01-125-44	Dichloroethane: Drying Column	---	---	---	---	---	1	---	---	Tons Produced
3-01-125-45	Vinyl Chloride Monomer: Drying Column	---	---	---	---	---	1	---	---	Tons Produced
3-01-125-46	Vinyl Chloride: Product Recovery Still	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-47	Vinyl Chloride: Cracking Furnace Decoking	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-50	Vinyl Chloride: Fugitive Emissions	---	---	---	---	---	274000	---	---	Each-Year Operating
3-01-125-51	Vinylidene Chloride: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-125-52	Vinylidene Chloride: Dehydrochlorination Reactor	---	---	---	---	---	12.4	---	---	Tons Produced
3-01-125-53	Vinylidene Chloride: Distillation Column Vent	---	---	---	---	---	1.4	---	---	Tons Produced
3-01-125-55	Vinylidene Chloride: Fugitive Emissions	---	---	---	---	---	19000	---	---	Each-Year Operating
3-01-125-56	Chloromethanes via MH & MCC Processes: Inert-gas Purge Vent	---	---	---	---	---	3	---	---	Tons Produced
3-01-125-57	Chloromethanes via MH & MCC Processes: Methylene Chloride Condenser	---	---	---	---	---	0.04	---	---	Tons Produced
3-01-125-58	Chloromethanes via MH & MCC Processes: Chloroform Condenser	---	---	---	---	---	0.01	---	---	Tons Produced
3-01-125-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Brominated Organics - 2869</i></u>										
3-01-126-99	Bromine Organics	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Fluorocarbons/Chlorofluorocarbons - 2869</i></u>										
3-01-127-01	General	---	---	---	---	---	14.5	---	---	Tons Produced
3-01-127-02	Distillation Column	---	---	---	---	---	12.7	---	---	Tons Produced
3-01-127-03	HCl Recovery Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-127-20	Chlorofluorocarbon 12/11	---	---	---	---	---	6.2	---	---	Tons Produced
3-01-127-30	Chlorofluorocarbon 23/22	---	---	---	---	---	38	---	---	Tons Produced
3-01-127-40	Chlorofluorocarbon 113/114	---	---	---	---	---	13.2	---	---	Tons Produced
3-01-127-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u><i>Ammonium Sulfate (Use 3-01-210 for Caprolactum Production) - 2873</i></u>										
3-01-130-01	Caprolactum By-product Plants	---	---	---	---	---	---	---	---	Tons Produced
3-01-130-03	Process Vents	---	---	---	---	---	---	---	---	Tons Produced
3-01-130-04	Caprolactum By-product: Rotary Dryer	46	---	---	---	---	1.48	---	---	Tons Produced
3-01-130-05	Caprolactum By-product: Fluid Bed Dryer	218	21.8	---	---	---	1.48	---	---	Tons Produced
3-01-130-06	Caprolactum By-product: Crystallizer (Evaporator)	---	---	---	---	---	---	---	---	Tons Produced
3-01-130-07	Caprolactum By-product: Screening	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Organic Acid Manufacturing - 2869</i></u>										
3-01-132-01	Acetic Acid via Methanol	---	---	---	---	0.06	4	---	---	Tons Produced
3-01-132-05	Acetic Acid via Butane	---	---	---	---	0.08	14	27.1	---	Tons Produced
3-01-132-10	Acetic Acid via Acetaldehyde	---	---	---	---	---	22	---	---	Tons Produced
3-01-132-21	General: Acrylic Acid	---	---	---	---	---	240	---	---	Tons Produced
3-01-132-22	Quench Absorber	---	---	---	---	---	238.6	---	---	Tons Produced
3-01-132-23	Extraction Column	---	---	---	---	---	0.29	---	---	Tons Produced
3-01-132-24	Vacuum System	---	---	---	---	---	7.6	---	---	Tons Produced
3-01-132-27	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-132-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Acetic Anhydride - 2869</i></u>										
3-01-133-01	General	---	---	---	---	---	5.5	9.9	---	Tons Produced
3-01-133-02	Reactor By-product Gas Vent	---	---	---	---	---	9	14	---	Tons Produced
3-01-133-03	Distillation Column Vent	---	---	---	---	---	1.4	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Acetic Anhydride - 2869</u>										
3-01-133-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Esters Production - 2869</u>										
3-01-137-01	Ethyl Acrylate	---	---	---	---	---	---	---	---	Tons Produced
3-01-137-10	Butyl Acrylate	---	---	---	---	---	---	---	---	Tons Produced
3-01-137-99	Acrylates: Specify in Comments	---	---	---	---	---	---	---	---	Tons Produced
<u>Acetylene Production - 2813</u>										
3-01-140-01	Raw Material Handling	---	---	---	---	---	---	---	---	Tons Throughput
3-01-140-02	Grinding/Milling	---	---	---	---	---	---	---	---	Tons Throughput
3-01-140-03	Mixing	---	---	---	---	---	---	---	---	Tons Throughput
3-01-140-04	Waste Handling	---	---	---	---	13.5	9.3	---	---	Tons Throughput
3-01-140-05	General	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
<u>Bisphenol A - 2869</u>										
3-01-152-01	General	---	---	---	---	---	---	---	---	Tons Produced
<u>Butadiene - 2869</u>										
3-01-153-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-153-10	Houdry Process: Total	---	---	---	---	---	23	---	---	Tons Produced
3-01-153-11	Houdry Process: Flue Gas Vent	---	---	---	---	---	0.1	---	---	Tons Produced
3-01-153-12	Houdry Process: Dehydrogenation Reactor	---	---	---	---	---	6.6	---	---	Tons Produced
3-01-153-20	n-Butene Process: Total	---	---	---	---	---	23.2	---	---	Tons Produced
3-01-153-21	n-Butene Process: Flue Gas Vent	---	---	---	---	---	0.1	---	---	Tons Produced
3-01-153-22	n-Butene Process: Hydrocarbon Absorber Column	---	---	---	---	---	10	---	---	Tons Produced
3-01-153-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Cumene - 2865</u>										
3-01-156-01	General	---	---	---	---	---	1.1	---	---	Tons Produced
3-01-156-02	Aluminum Chloride Catalyst Process: Benzene Drying Column	---	---	---	---	---	0.04	---	---	Tons Produced
3-01-156-03	Aluminum Chloride Catalyst Process: Catalyst Mix Tank Scrubber Vent	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-156-04	Aluminum Chloride Catalyst Process: Wash-Decant System Vent	---	---	---	---	---	0.02	---	---	Tons Produced
3-01-156-05	Aluminum Chloride Catalyst Process: Benzene Recovery	---	---	---	---	---	0.03	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Cumene - 2865</u>										
3-01-156-06	Aluminum Chloride Catalyst Process: Cumene Distillation Vent	---	---	---	---	---	0.06	---	---	Tons Produced
3-01-156-07	Aluminum Chloride Catalyst Process: DIPB Stripping Vent	---	---	---	---	---	0.002	---	---	Tons Produced
3-01-156-09	Solid Phosphoric Acid Catalyst Process: Cumene Distillation Sys. Vent	---	---	---	---	---	0.06	---	---	Tons Produced
3-01-156-80	Fugitive Emissions	---	---	---	---	---	149000	---	---	Each-Year Operating
<u>Cyclohexane - 2865</u>										
3-01-157-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-157-02	Blowdown Tank Discharge	---	---	---	---	---	0.006	---	---	Tons Produced
3-01-157-03	Pumps/Valves/Compressors	---	---	---	---	---	1.5	---	---	Tons Produced
3-01-157-04	Catalyst Replacement	---	---	---	---	---	---	---	---	Tons Removed
3-01-157-80	Fugitive Emissions	---	---	---	---	---	240000	---	---	Each-Year Operating
<u>Cyclohexanone/Cyclohexanol - 2869</u>										
3-01-158-01	General	---	---	---	---	---	44.4	---	---	Tons Produced
3-01-158-02	High Pressure Scrubber Vent	---	---	---	---	---	33.8	85.2	---	Tons Produced
3-01-158-03	Low Pressure Scrubber Vent	---	---	---	---	---	5.3	19.4	---	Tons Produced
3-01-158-21	Hydrogenation Reactor Vent	---	---	---	---	---	3	---	---	Tons Produced
3-01-158-22	Distillation Vent	---	---	---	---	---	0.12	---	---	Tons Produced
3-01-158-80	Fugitive Emissions	---	---	---	---	---	378000	---	---	Each-Year Operating
<u>Vinyl Acetate - 2869</u>										
3-01-167-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-167-02	Inert-gas Purge Vent	---	---	---	---	---	8.8	---	---	Tons Produced
3-01-167-03	CO2 Purge Vent	---	---	---	---	---	0.6	---	---	Tons Produced
3-01-167-04	Inhibitor Mix Tank Discharge	---	---	---	---	---	5.6	---	---	Tons Produced
3-01-167-80	Fugitive Emissions	---	---	---	---	---	360000	---	---	Each-Year Operating
3-01-167-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Ethyl Benzene - 2865</u>										
3-01-169-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-169-02	Alkylation Reactor Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-169-03	Benzene Drying	---	---	---	---	---	---	---	---	Tons Produced
3-01-169-04	Benzene Recovery/Recycle	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Ethyl Benzene - 2865</u>										
3-01-169-05	Ethylbenzene Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-169-06	Polyethylbenzene Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-169-80	Fugitive Emissions	---	---	---	---	---	328000	---	---	Each-Year Operating
<u>Ethylene Oxide - 2869</u>										
3-01-174-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-174-02	Air Oxidation Process Reactor: Main Vent	---	---	---	---	---	2	---	---	Tons Produced
3-01-174-10	Oxygen Oxidation Process Reactor: CO2 Purge Vent	---	---	---	---	---	1.5	---	---	Tons Produced
3-01-174-11	Oxygen Oxidation Process Reactor: Argon Purge Vent	---	---	---	---	---	0.004	---	---	Tons Produced
3-01-174-21	Stripper Purge Vent	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-174-80	Fugitive Emissions	---	---	---	---	---	168000	---	---	Each-Year Operating
<u>Glycerin (Glycerol) - 2869</u>										
3-01-176-01	General	---	---	---	---	---	131.6	---	---	Tons Produced
3-01-176-10	Chlorination Process: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-176-11	CO2 Absorber	---	---	---	---	---	0.8	---	---	Tons Produced
3-01-176-12	Evaporator	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-176-13	Concentrator	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-176-14	Stripping Column	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-176-15	Light-ends Stripping Column	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-176-16	Solvent Stripping Column	---	---	---	---	---	0.04	---	---	Tons Produced
3-01-176-17	Product Distillation Column	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-176-18	Cooling Tower	---	---	---	---	---	5.6	---	---	Tons Produced
3-01-176-30	Oxidation Process: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-176-31	Light-ends Stripper	---	---	---	---	---	30	---	---	Tons Produced
3-01-176-32	Concentrator	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-176-33	Glycerin Flasher Column	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-176-34	Product Distillation Column	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-176-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Toluene Diisocyanate - 2865</u>										
3-01-181-01	General	---	---	---	---	---	19.3	---	---	Tons Produced
3-01-181-02	Sulfuric Acid Concentrator	---	---	---	---	---	10	---	---	Tons Produced
3-01-181-03	Nitration Reactor	---	---	---	---	---	0.05	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Toluene Diisocyanate - 2865</i></u>										
3-01-181-04	Catalyst Filtration	---	---	---	---	---	0.001	---	---	Tons Produced
3-01-181-05	TDA Vacuum Distillation Vent	---	---	---	---	---	0.007	---	---	Tons Produced
3-01-181-06	Dichlorobenzene Solvent Recovery	---	---	---	---	---	3	---	---	Tons Produced
3-01-181-07	TDI Flash Distillation	---	---	---	---	---	3	---	---	Tons Produced
3-01-181-08	TDI Purification	---	---	---	---	---	3	---	---	Tons Produced
3-01-181-09	Residue Vacuum Distillation Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-181-10	HCl Absorber	---	---	---	---	---	---	---	---	Tons Produced
3-01-181-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u><i>Methyl Methacrylate - 2869</i></u>										
3-01-190-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-190-02	Acetone Cyanohydrin Reactor Off-gas	---	---	---	---	---	0.08	---	---	Tons Produced
3-01-190-03	Recovery Columns	---	---	---	---	---	2.3	---	---	Tons Produced
3-01-190-04	Acetone Evaporation Vacuum Vent	---	---	---	---	---	0.008	---	---	Tons Produced
3-01-190-10	Hydrolysis Reactor	---	---	---	---	---	13.2	---	---	Tons Produced
3-01-190-11	Distillation Unit	---	---	---	---	---	1.9	---	---	Tons Produced
3-01-190-12	MMA and Light-ends Distillation Unit	---	---	---	---	---	16.5	---	---	Tons Produced
3-01-190-13	Acid Distillation	---	---	---	---	---	1.1	---	---	Tons Produced
3-01-190-14	MMA Purification	---	---	---	---	---	15.8	---	---	Tons Produced
3-01-190-80	Fugitive Emissions	---	---	---	---	---	273000	---	---	Each-Year Operating
<u><i>Nitrobenzene - 2865</i></u>										
3-01-195-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-195-02	Reactor and Separator Vent	---	---	---	---	---	1.9	---	---	Tons Produced
3-01-195-03	Acid Stripper Vent	---	---	---	---	---	0.34	---	---	Tons Produced
3-01-195-04	Washer and Neutralizer Vent	---	---	---	---	---	0.02	---	---	Tons Produced
3-01-195-05	Nitrobenzene Stripper Vent	---	---	---	---	---	0.34	---	---	Tons Produced
3-01-195-06	Waste Acid Storage	---	---	---	---	---	---	---	---	1000 Gallon-Years Stored
3-01-195-80	Fugitive Emissions	---	---	---	---	---	138000	---	---	Each-Year Operating
<u><i>Butylene, Ethylene, Propylene, Olefin Production - 2869</i></u>										
3-01-197-01	Ethylene: General	0.02	---	---	6	0.02	---	0.02	---	Tons Produced
3-01-197-05	Propylene: General	---	---	---	---	---	1	---	---	Tons Produced
3-01-197-06	Propylene: Reactor	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Butylene, Ethylene, Propylene, Olefin Production - 2869</i></u>										
3-01-197-07	Propylene: Drying Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-197-08	Propylene: Light-ends Stripper	---	---	---	---	---	---	---	---	Tons Produced
3-01-197-09	Propylene: Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-197-10	Butylene: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-197-41	Ethylene: Flue Gas Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-197-42	Ethylene: Pyrolysis Furnace Decoking	0.02	---	---	---	---	---	---	---	Tons Produced
3-01-197-43	Ethylene: Acid Gas Removal	---	---	---	6	---	0.02	---	---	Tons Produced
3-01-197-44	Ethylene: Catalyst Regeneration	---	---	---	---	---	---	---	---	Tons Produced
3-01-197-45	Ethylene: Compressor Lube Oil Vent	---	---	---	---	---	0.02	---	---	Tons Produced
3-01-197-49	Ethylene: Fugitive Emissions	---	---	---	---	---	695000	---	---	Each-Year Operating
3-01-197-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Phenol - 2865</i></u>										
3-01-202-01	General	---	---	---	---	---	15.4	---	---	Tons Produced
3-01-202-02	Cumene Oxidation	---	---	---	---	---	4.6	---	---	Tons Produced
3-01-202-03	CHP Concentrator	---	---	---	---	---	2.4	---	---	Tons Produced
3-01-202-04	Light-ends Distillation Vent	---	---	---	---	---	0.6	---	---	Tons Produced
3-01-202-05	Acetone Finishing	---	---	---	---	---	1.3	---	---	Tons Produced
3-01-202-06	Phenol Distillation Column	---	---	---	---	---	7.6	---	---	Tons Produced
3-01-202-10	Oxidate Wash/Separation	---	---	---	---	---	0.16	---	---	Tons Produced
3-01-202-11	CHP Cleavage Vent	---	---	---	---	---	0.95	---	---	Tons Produced
3-01-202-80	Fugitive Emissions	---	---	---	---	---	729000	---	---	Each-Year Operating
<u><i>Propylene Oxide - 2869</i></u>										
3-01-205-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-205-02	Chlorohydration Process: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-205-03	Vent Gas Scrubber Vent	---	---	---	---	---	20.5	---	---	Tons Produced
3-01-205-04	Saponification Column Vent	---	---	---	---	---	0.09	---	---	Tons Produced
3-01-205-05	PO Stripping Column Vent	---	---	---	---	---	0.01	---	---	Tons Produced
3-01-205-06	Light-ends Stripping Column Vent	---	---	---	---	---	0.01	---	---	Tons Produced
3-01-205-07	PO Final Distillation Column Vent	---	---	---	---	---	0.01	---	---	Tons Produced
3-01-205-08	DCP Distillation Column Vent	---	---	---	---	---	0.0002	---	---	Tons Produced
3-01-205-09	DCIPE Distillation Column Vent	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Propylene Oxide - 2869</i>										
3-01-205-20	Isobutane Hydroperoxide Process: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-205-21	Oxidation Reactor Scrubber Vent	---	---	---	---	---	3.5	---	---	Tons Produced
3-01-205-22	TBA Stripping Column Vent	---	---	---	---	---	0.008	---	---	Tons Produced
3-01-205-23	Catalyst Mix Tank Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-205-24	PO Stripping Column Vent	---	---	---	---	---	0.04	---	---	Tons Produced
3-01-205-25	Crude TBA Recovery Column Vent	---	---	---	---	---	0.03	---	---	Tons Produced
3-01-205-26	TBA Wash-Decant System Vent	---	---	---	---	---	0.01	---	---	Tons Produced
3-01-205-27	Wastewater Stripping Column Vent	---	---	---	---	---	4.56	---	---	Tons Produced
3-01-205-28	Solvent Scrubber Vent	---	---	---	---	---	1.3	---	---	Tons Produced
3-01-205-29	Solvent Recovery Column Vent	---	---	---	---	---	0.0009	---	---	Tons Produced
3-01-205-30	Water Stripping Column Vent	---	---	---	---	---	0.003	---	---	Tons Produced
3-01-205-31	Propylene Glycol and Dipropylene Glycol Combined Vent	---	---	---	---	---	0.1	---	---	Tons Produced
3-01-205-32	Flue Gas Vent	---	---	---	---	---	0.08	---	---	Tons Produced
3-01-205-40	Ethylbenzene Hydroperoxide Process: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-205-41	Oxidation Reactor Scrubber Vent	---	---	---	---	---	3.2	---	---	Tons Produced
3-01-205-42	Falling Film Evaporator Vent	---	---	---	---	---	0.01	---	---	Tons Produced
3-01-205-43	Catalyst Mix Tank Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-205-44	Separation Column Vent	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-205-45	Light-ends Stripping Column Vent	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-205-46	Propylene Recovery Column Vent	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-205-47	Product Wash-Decant System Vent	---	---	---	---	---	0.001	---	---	Tons Produced
3-01-205-48	Mixed Hydrocarbon Wash-Decant System Vent	---	---	---	---	---	0.003	---	---	Tons Produced
3-01-205-49	Ethyl Benzene Wash-Decant System Vent	---	---	---	---	---	0.003	---	---	Tons Produced
3-01-205-50	Ethyl Benzene Stripping Column Vent	---	---	---	---	---	0.003	---	---	Tons Produced
3-01-205-51	Light-hydrocarbon Stripping Column Vent	---	---	---	---	---	0.003	---	---	Tons Produced
3-01-205-52	MBA-AP Stripping Column Vent	---	---	---	---	---	0.02	---	---	Tons Produced
3-01-205-53	Dehydration Reactor System Vent	---	---	---	---	---	0.002	---	---	Tons Produced
3-01-205-54	Light-impurities Stripping Column Vent	---	---	---	---	---	2.5	---	---	Tons Produced
3-01-205-55	Styrene Finishing Column Vent	---	---	---	---	---	1.7	---	---	Tons Produced
3-01-205-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Styrene - 2865</u>										
3-01-206-01	General	0.02	---	---	---	0.04	---	---	---	Tons Produced
3-01-206-02	Benzene Recycle	---	---	---	---	---	---	---	---	Tons Produced
3-01-206-03	Styrene Purification	---	---	---	---	---	---	---	---	Tons Produced
3-01-206-80	Fugitive Emissions	---	---	---	---	---	248000	---	---	Each-Year Operating
<u>Caprolactum (Use 3-01-130 for Ammonium Sulfate By-product Production) - 2869</u>										
3-01-210-01	General	---	---	---	---	---	11.9	---	---	Tons Produced
3-01-210-02	Cyclohexanone Purification Vent	---	---	---	---	---	6.2	---	---	Tons Produced
3-01-210-03	Dehydrogenation Reactor Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-210-04	Oleum Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-210-05	Neutralization Reactor Vent	---	---	---	---	---	0.08	---	---	Tons Produced
3-01-210-06	Solvent Separation/Recovery	---	---	---	---	---	4	---	---	Tons Produced
3-01-210-07	Oximation Reactor/Separator	---	---	---	---	---	0.05	---	---	Tons Produced
3-01-210-08	Caprolactum Purification	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-210-09	Ammonium Sulfate Drying (Use 3-01-130-04 or 3-01-130-05)	---	---	---	---	---	1.2	---	---	Tons Produced
3-01-210-10	AS:Cool/Screen/Storage(Use 301130-06&07,301870-25&26,301875-25&26)	---	---	---	---	---	0.1	---	---	Tons Produced
3-01-210-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Linear Alkylbenzene - 2869</u>										
3-01-211-01	Olefin Process: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-211-02	Benzene Drying	---	---	---	---	---	---	---	---	Tons Produced
3-01-211-03	Hydrogen Fluoride Scrubber Vent	---	---	---	---	---	0.022	---	---	Tons Produced
3-01-211-04	Vacuum Refining	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-211-21	Chlorination Process: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-211-22	Parafin Drying Column Vent	---	---	---	---	---	0.0056	---	---	Tons Produced
3-01-211-23	HCl Absorber Vent	---	---	---	---	---	0.5	---	---	Tons Produced
3-01-211-24	Atmospheric Wash-Decant Vent	---	---	---	---	---	0.025	---	---	Tons Produced
3-01-211-25	Benzene Stripping Column	---	---	---	---	---	0.0074	---	---	Tons Produced
3-01-211-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Methanol/Alcohol Production - 2869</u>										
3-01-250-01	Methanol: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-250-02	Methanol: Purge Gas Vent	---	---	---	---	---	2.2	---	---	Tons Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Methanol/Alcohol Production - 2869</u></i>										
3-01-250-03	Methanol: Distillation Vent	---	---	---	---	---	0.8	---	---	Tons Produced
3-01-250-04	Methanol: Fugitive Emissions	---	---	---	---	---	573000	---	---	Each-Year Operating
3-01-250-05	Ethanol via Ethylene	---	---	---	---	---	---	---	---	Tons Produced
3-01-250-10	Ethanol by Fermentation	---	---	---	---	---	1.9	---	---	Tons Produced
3-01-250-15	Isopropanol	---	---	---	---	---	---	---	---	Tons Produced
3-01-250-20	Alcohols by Oxo Process	0.006	---	---	---	0.08	---	22.5	---	Tons Produced
3-01-250-25	Fatty Alcohols by Hydrogenation	---	---	---	---	---	---	---	---	Tons Produced
3-01-250-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Ethylene Glycol - 2869</u></i>										
3-01-251-01	General	---	---	---	---	---	10.3	---	---	Tons Produced
3-01-251-02	Evaporator Purge Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-251-03	Water Removal Steam: Jet Ejector	---	---	---	---	---	---	---	---	Tons Produced
3-01-251-04	Distillation Column Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-251-80	Fugitive Emissions	---	---	---	---	---	24000	---	---	Each-Year Operating
<i><u>Etherene Production - 2869</u></i>										
3-01-252-01	General	---	---	---	---	---	0.16	---	---	Tons Produced
<i><u>Glycol Ethers - 2869</u></i>										
3-01-253-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-253-02	Vacuum System Vent	---	---	---	---	---	0.03	---	---	Tons Produced
3-01-253-05	Catalyst: Methanol Mix Tank	---	---	---	---	---	0.02	---	---	Tons Produced
3-01-253-06	Methanol Recovery Column Vent	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-253-15	Catalyst: Ethanol Mix Tank	---	---	---	---	---	0.01	---	---	Tons Produced
3-01-253-16	Ethanol Recovery Column Vent	---	---	---	---	---	0.19	---	---	Tons Produced
3-01-253-25	Catalyst: Butanol Mix Tank	---	---	---	---	---	0.002	---	---	Tons Produced
3-01-253-26	Butanol Recovery Column Vent	---	---	---	---	---	0.03	---	---	Tons Produced
3-01-253-30	Secondary Emissions: Handling and Disposal of Process Waste Streams	---	---	---	---	---	0.06	---	---	Tons Produced
3-01-253-80	Fugitive Emissions	---	---	---	---	---	20100	---	---	Each-Year Operating
<i><u>Nitriles, Acrylonitrile, Adiponitrile Production - 2869</u></i>										
3-01-254-01	Acetonitrile	---	---	---	---	---	497	---	---	Tons Produced
3-01-254-05	General: Acrylonitrile	---	---	---	---	---	220	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Nitriles, Acrylonitrile, Adiponitrile Production - 2869</i></u>										
3-01-254-06	Absorber Vent: Normal	---	---	---	---	---	200	---	---	Tons Produced
3-01-254-07	Absorber Vent: Startup	---	---	---	---	---	0.5	---	---	Tons Produced
3-01-254-08	Recovery/Purification Column Vent	---	---	---	---	---	20	---	---	Tons Produced
3-01-254-09	Fugitive Emissions	---	---	---	---	---	223000	---	---	Each-Year Operating
3-01-254-10	Via Adipic Acid: General	3.6	---	---	---	0.3	---	---	---	Tons Produced
3-01-254-11	Ammonia Recovery Still	---	---	---	---	0.3	---	---	---	Tons Produced
3-01-254-12	Product Fractionator Vent	3.6	---	---	---	---	---	---	---	Tons Produced
3-01-254-13	Product Recovery Vent	---	---	---	---	---	---	---	---	Tons Produced
3-01-254-15	Via Butadiene: General	21.5	---	---	---	231.9	51.3	---	---	Tons Produced
3-01-254-16	Chlorination Reactor	---	---	---	---	---	35.8	---	---	Tons Produced
3-01-254-17	Cyanide Synthesis	---	---	---	---	75.8	---	---	---	Tons Produced
3-01-254-18	Cyanation/Isomerization	7.6	---	---	---	42.4	15.5	---	---	Tons Produced
3-01-254-20	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-254-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Benzene/Toluene/Aromatics/Xylenes - 2869</i></u>										
3-01-258-01	Benzene: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-02	Benzene: Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-03	Benzene: Distillation Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-05	Toluene: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-06	Toluene: Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-07	Toluene: Distillation Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-10	p-Xylene: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-15	Xylenes: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-16	Xylenes: Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-17	Xylenes: Distillation Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-258-80	Aromatics: Fugitive Emissions	---	---	---	---	---	379000	---	---	Each-Year Operating
3-01-258-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Chlorobenzene - 2869</i></u>										
3-01-301-01	Tail Gas Scrubber	---	---	---	---	---	1.2	---	---	Tons Produced
3-01-301-02	Benzene Drying: Distillation	---	---	---	---	---	---	---	---	Tons Produced
3-01-301-03	Benzene Recovery	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Chlorobenzene - 2869</u>										
3-01-301-04	Heavy-ends Processing	---	---	---	---	---	---	---	---	Tons Produced
3-01-301-05	MCB Distillation	---	---	---	---	---	---	---	---	Tons Produced
3-01-301-06	Vacuum System Vent	---	---	---	---	---	0.9	---	---	Tons Produced
3-01-301-07	DCB Crystallization	---	---	---	---	---	0.03	---	---	Tons Produced
3-01-301-08	DCB Crystal Handling/Loading	---	---	---	---	---	0.04	---	---	Tons Produced
3-01-301-10	Catalyst Incineration	---	---	---	---	---	---	---	---	Tons Burned
3-01-301-14	Secondary Emissions: Handling and Disposal of Wastewater	---	---	---	---	---	0.06	---	---	Tons Produced
3-01-301-15	Atmospheric Distillation Vents	---	---	---	---	---	0.8	---	---	Tons Produced
3-01-301-80	Fugitive Emissions	---	---	---	---	---	417000	---	---	Each-Year Operating
<u>Carbon Tetrachloride - 2869</u>										
3-01-302-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-302-02	Distillation Vent	---	---	---	---	---	0.01	---	---	Tons Produced
3-01-302-03	Caustic Scrubber	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-302-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Tons Produced
<u>Allyl Chloride - 2869</u>										
3-01-303-01	Chlorination Process: General	---	---	---	---	---	---	---	---	Tons Produced
3-01-303-02	HCl Absorber	---	---	---	---	---	0.3	---	---	Tons Produced
3-01-303-03	Light-ends Distillation	---	---	---	---	---	130	---	---	Tons Produced
3-01-303-04	Allyl Chloride Distillation Column	---	---	---	---	---	0.2	---	---	Tons Produced
3-01-303-05	DCP Distillation Column	---	---	---	---	---	2	---	---	Tons Produced
3-01-303-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Allyl Alcohol - 2869</u>										
3-01-304-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-01-304-02	Catalyst Preparation	---	---	---	---	---	450	---	---	Tons Produced
3-01-304-03	Filtration System	---	---	---	---	---	6.4	---	---	Tons Produced
3-01-304-04	Light-ends Stripper	---	---	---	---	---	22	---	---	Tons Produced
3-01-304-05	Distillation System Condenser	---	---	---	---	---	23	---	---	Tons Produced
3-01-304-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Epichlorohydrin - 2869</u>										
3-01-305-01	General	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Epichlorohydrin - 2869</i>										
3-01-305-02	Epoxidation Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-305-03	Azetropo Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-305-04	Light-ends Stripper	---	---	---	---	---	---	---	---	Tons Produced
3-01-305-05	Finishing Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-305-80	Fugitive Emissions	---	---	---	---	---	---	---	---	Each-Year Operating
<i>Nitroglycerin Production - 2800</i>										
3-01-401-01	Continuous Nitrator	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-02	Product Purification/Neutralization	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-03	Nitric Acid Recovery (Use more specific codes 3-01-410-10 thru -25)	---	---	---	---	---	---	---	---	Tons Recovered
3-01-401-05	Nitric/Sulfuric Acid Mixing	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-10	Continuous Process: Separation	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-20	Continuous Process: Spent Acid Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-21	Continuous Process: Spent Acid Recovery: Denitrating Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-22	Continuous Process: Spent Acid Recovery: Sulfuric Acid Regenerator	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-23	Continuous Process: Spent Acid Recovery: Sulfuric Acid Concentrator	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-24	Continuous Process: Spent Acid Recovery: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-25	Continuous Process: Spent Acid Recovery: Reflux Columns	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-30	Continuous Process: Nitric Acid Concentration	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-31	Continuous Process: Nitric Acid Concentration: Distillation Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-32	Continuous Process: Nitric Acid Concentration: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-33	Continuous Process: Nitric Acid Concentration: Condenser	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-34	Continuous Process: Nitric Acid Concentration: Absorber Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-35	Continuous Process: Nitric Acid Concentration: Dehydrating Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-36	Continuous Process: Nitric Acid Conc.: Nitric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-50	Waste Disposal: Neutralization and Wash	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Nitroglycerin Production - 2800</u>										
3-01-401-51	Waste Disposal: Separation	---	---	---	---	---	---	---	---	Tons Produced
3-01-401-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Explosives Manufacture - Pentaerythritol Tetranitrate (PETN) - 2892</u>										
3-01-402-10	Process Vents: Batch Process	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-11	Batch Process: Nitration Reactors and Washers	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-14	Batch Process: Stabilization	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-17	Batch Process: Acetone Distillation and Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-20	Batch Process: Spent Acid Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-21	Batch Process: Spent Acid Recovery: Denitrating Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-22	Batch Process: Spent Acid Recovery: Sulfuric Acid Regenerator	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-23	Batch Process: Spent Acid Recovery: Sulfuric Acid Concentrator	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-24	Batch Process: Spent Acid Recovery: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-25	Batch Process: Spent Acid Recovery: Reflux Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-30	Batch Process: Nitric Acid Concentration	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-31	Batch Process: Nitric Acid Concentration: Distillation Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-32	Batch Process: Nitric Acid Concentration: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-33	Batch Process: Nitric Acid Concentration: Condenser	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-34	Batch Process: Nitric Acid Concentration: Absorber Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-35	Batch Process: Nitric Acid Concentration: Dehydrating Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-36	Batch Process: Nitric Acid Concentration: Nitric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-50	Process Vents: Continuous Process	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-51	Continuous Process: Nitration Reactors and Washers	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-52	Continuous Process: Stabilization	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-53	Continuous Process: Acetone Distillation and Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-60	Continuous Process: Spent Acid Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-61	Continuous Process: Spent Acid Recovery: Denitrating Tower	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-62	Continuous Process: Spent Acid Recovery: Sulfuric Acid Regenerator	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Explosives Manufacture - Pentaerythritol Tetranitrate (PETN) - 2892</u></i>										
3-01-402-63	Continuous Process: Spent Acid Recovery: Sulfuric Acid Concentrator	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-64	Continuous Process: Spent Acid Recovery: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-65	Continuous Process: Spent Acid Recovery: Reflux Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-70	Continuous Process: Nitric Acid Concentration	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-71	Continuous Process: Nitric Acid Concentration: Distillation Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-72	Continuous Process: Nitric Acid Concentration: Bleacher	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-73	Continuous Process: Nitric Acid Concentration: Condenser	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-74	Continuous Process: Nitric Acid Concentration: Absorber Column	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-75	Continuous Process: Nitric Acid Concentration: Dehydrating Unit	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-76	Continuous Process: Nitric Acid Conc.: Nitric Acid Concentrators	---	---	---	---	---	---	---	---	Tons Produced
3-01-402-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Explosives Manufacture - RDX/HMX Production - 2892</u></i>										
3-01-403-06	Nitric Acid/Ammonium Nitrate Mixing	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-07	Hexamine/Acetic Acid Mixing	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-10	Process Vents: Batch Process	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-11	Batch Process: Nitration Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-12	Batch Process: Aging Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-13	Batch Process: Simmer Tank	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-20	Batch Process: Refinement	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-30	Batch Process: Blending	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-40	Batch Process: Formulation	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-50	Batch Process: Acetic Acid Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-60	Batch Process: Acetone or Cyclohexanone Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-01-403-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>General Processes - 2865, 2869</u></i>										
3-01-800-01	Fugitive Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-02	Pipeline Valves: Gas Stream	---	---	---	---	---	---	---	---	Each-Year Operating

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>General Processes - 2865, 2869</u>										
3-01-800-03	Pipeline Valves: Light Liquid/Gas Stream	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-04	Pipeline Valves: Heavy Liquid Stream	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-05	Pipeline Valves: Hydrogen Stream	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-06	Open-ended Valves: All Streams	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-07	Flanges: All Streams	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-08	Pump Seals: Light Liquid/Gas Stream	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-09	Pump Seals: Heavy Liquid Stream	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-10	Compressor Seals: Gas Stream	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-11	Compressor Seals: Heavy Liquid Stream	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-12	Drains: All Streams	---	---	---	---	---	---	---	---	Each-Year Operating
3-01-800-13	Vessel Relief Valves: All Streams	---	---	---	---	---	---	---	---	Each-Year Operating
<u>General Processes - 2865, 2869</u>										
3-01-810-01	Air Oxidation Units	---	---	---	---	---	---	---	---	Tons Produced
<u>Wastewater Treatment - 2865, 2869</u>										
3-01-820-01	Wastewater Stripper	---	---	---	---	---	---	---	---	Tons Produced
3-01-820-02	Wastewater Treatment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-820-03	Wastewater Treatment	---	---	---	---	---	---	---	---	Tons Produced
3-01-820-04	Chemical Plant Wastewater System: Junction Box	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-820-05	Chemical Plant Wastewater System: Lift Station	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-820-06	Chemical Plant Wastewater System: Aerated Impoundment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-820-07	Chemical Plant Wastewater System: Non-aerated Impoundment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-820-08	Chemical Plant Wastewater System: Weir	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-820-09	Chemical Plant Wastewater System: Activated Sludge Impoundment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-820-10	Chemical Plant Wastewater System: Clarifier	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-820-11	Chemical Plant Wastewater System: Open Trench	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 2800</u>										
3-01-825-01	TNT: Waterwash of Crude TNT (Yellow Water)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-02	TNT: Sellite Treatment and Subsequent Washing of Crude TNT (Red H2O)	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Wastewater, Points of Generation - 2800</u></i>										
3-01-825-03	TNT: Nitration Fume Scrubber	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-04	TNT: Finishing Operation Fume Scrubber	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-10	NG: NG/Acid Separator Soda Wash	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-11	NG: Separator Following Soda Wash	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-12	NG: Separator Following Fresh Water Wash	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-13	NG: Emulsifier	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-14	NG: Refrigeration House	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-15	NG: Spent Acid Storage	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-16	NG: Air Compressor House	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-17	NG: Refrigeration House	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-30	NC: Nitric Acid Concentrators	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-31	NC: Nitration Reactor	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-32	NC: Purification Boiling Tubs	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-33	NC: Purification Beaters	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-34	NC: Purification Poacher	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-35	NC: Purification Blender	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-36	NC: Purification Wringer	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-50	PETN: Nitration Reactors	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-51	PETN: Spent Acid Recovery	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-52	PETN: Nitric Acid Concentrators	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-53	PETN: Stabilization	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-60	RDX/HMX: Nitration	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-61	RDX/HMX: Filter/Wash	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-62	RDX/HMX: Recrystallization	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-63	RDX/HMX: Dewatering	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>General Processes - 2865, 2869</u></i>										
3-01-830-01	Storage/Transfer	---	---	---	---	---	---	---	---	Tons Produced
<i><u>General Processes - 2865, 2869</u></i>										
3-01-840-01	Distillation Units	---	---	---	---	---	---	---	---	Tons Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Inorganic Chemical Storage (Fixed Roof Tanks) - 2800</i>										
3-01-870-01	Hydrochloric Acid: Breathing Loss (Use 3-01-870-33)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-02	Hydrochloric Acid: Working Loss (Use 3-01-870-34)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-03	Hydrofluoric Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-04	Hydrofluoric Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-05	Nitric Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-06	Nitric Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-07	Phosphoric Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-08	Phosphoric Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-09	Sulfuric Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-10	Sulfuric Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-11	Ammonium Nitrate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-12	Ammonium Nitrate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-13	Urea: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-14	Urea: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-15	Copper Sulfate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-16	Copper Sulfate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-17	Aqueous Ammonia: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-18	Aqueous Ammonia: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-19	Ammonium Bicarbonate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-20	Ammonium Bicarbonate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-21	Hydrazine Hydrate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-22	Hydrazine Hydrate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-23	Anhydrous Hydrazine: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-24	Anhydrous Hydrazine: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Inorganic Chemical Storage (Fixed Roof Tanks) - 2800</u></i>										
3-01-870-25	Ammonium Sulfate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-26	Ammonium Sulfate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-29	Fluosilicic Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-30	Fluosilicic Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-31	Chromic Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-32	Chromic Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-33	Hydrochloric Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-34	Hydrochloric Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-870-97	Specify Liquid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-870-98	Specify Liquid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Inorganic Chemical Storage (Floating Roof Tank) - 2800</u></i>										
3-01-875-01	Carbon Disulfide: Breathing Loss (Use 4-07-296-01)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-02	Carbon Disulfide: Withdrawal Loss (Use 4-07-296-02)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-03	Hydrofluoric Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-04	Hydrofluoric Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-05	Nitric Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-06	Nitric Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-07	Phosphoric Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-08	Phosphoric Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-09	Sulfuric Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-10	Sulfuric Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-11	Ammonium Nitrate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-12	Ammonium Nitrate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-13	Urea: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Inorganic Chemical Storage (Floating Roof Tank) - 2800</u></i>										
3-01-875-14	Urea: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-15	Copper Sulfate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-16	Copper Sulfate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-17	Liquid Ammonia: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-18	Liquid Ammonia: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-19	Ammonium Bicarbonate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-20	Ammonium Bicarbonate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-21	Hydrazine Hydrate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-22	Hydrazine Hydrate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-23	Anhydrous Hydrazine: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-24	Anhydrous Hydrazine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-25	Ammonium Sulfate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-26	Ammonium Sulfate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-29	Fluosilicic Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-30	Fluosilicic Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-31	Chromic Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-32	Chromic Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-33	Hydrochloric Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-34	Hydrochloric Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-875-97	Specify Liquid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-01-875-98	Specify Liquid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Inorganic Chemical Storage (Pressure Tanks) - 2800</u></i>										
3-01-885-01	Ammonia: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-02	Carbon Monoxide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-03	Chlorine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Inorganic Chemical Storage (Pressure Tanks) - 2800</u></i>										
3-01-885-04	Hydrogen Cyanide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-05	Sulfur Dioxide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-06	Nitrogen: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-07	Carbon Dioxide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-08	Hydrazine Hydrate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-09	Anhydrous Hydrazine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-10	Anhydrous Ammonia: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-11	Hydrogen Fluoride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-12	Fluosilicic Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-13	Hydrogen Chloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-14	Fluorine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-01-885-99	Specify Gas: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fugitive Emissions - 2800</u></i>										
3-01-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-01-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-01-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-01-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-01-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
<i><u>Fuel Fired Equipment - 2800</u></i>										
3-01-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-01-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	50	0.28	---	---	1000 Gallons Burned
3-01-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-01-900-04	Process Gas: Process Heaters	---	---	---	---	140	2.8	---	---	Million Cubic Feet Burned
3-01-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
3-01-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-01-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-01-900-14	Process Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-01-900-21	Distillate Oil (No. 2): Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-01-900-22	Residual Oil: Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-01-900-23	Natural Gas: Flares	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-01-900-99	Specify in Comments Field	See App. C	---	---	50	0.068	3.7	See App. C	---	Footnote 34

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Other Not Classified - 2800</i>										
3-01-999-98	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-01-999-99	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
<i>INDUSTRIAL PROCESSES -Food and Agriculture</i>										
<i>Alfalfa Dehydration - 2048</i>										
3-02-001-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-02-001-02	Primary Cyclone and Dryer (use -11 thru -14)	---	---	---	---	---	---	---	---	Tons Produced
3-02-001-03	Meal Collector Cyclone	---	---	---	---	---	---	---	---	Tons Produced
3-02-001-04	Pellet Cooler Cyclone	---	---	---	---	---	---	---	---	Tons Produced
3-02-001-07	Pellet Collector Cyclone	---	---	---	---	---	---	---	---	Tons Produced
3-02-001-11	Gas-fired, Triple-Pass Dryer Cyclone	4.8	---	1	---	---	---	---	---	Tons Produced
3-02-001-12	Coal-fired, Triple-Pass Dryer Cyclone	7.5	---	---	---	---	---	---	---	Tons Produced
3-02-001-15	Gas-fired, Single-Pass Dryer Cyclone	4.1	---	0.65	---	---	---	---	---	Tons Produced
3-02-001-17	Wood-fired, Single-Pass Dryer Cyclone	3.1	---	1.3	---	---	---	---	---	Tons Produced
3-02-001-20	Pellet Storage Bin Cyclone	---	---	---	---	---	---	---	---	Tons Produced
3-02-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i>Coffee Roasting - 2095</i>										
3-02-002-01	Direct Fired Roaster (use 302002-24 or -25)	---	---	---	---	---	---	---	---	Tons Processed
3-02-002-02	Indirect Fired Roaster (use 302002-20 or -21)	---	---	---	---	---	---	---	---	Tons Processed
3-02-002-03	Stoner/Cooler (use 302002-30)	---	---	---	---	---	---	---	---	Tons Processed
3-02-002-04	Green Coffee Bean Unloading	---	---	---	---	---	---	---	---	Tons Unloaded
3-02-002-06	Screening - Debris Removal from Green Coffee Beans	---	---	---	---	---	---	---	---	Tons Screened
3-02-002-08	Green Coffee Bean Storage and Handling	---	---	---	---	---	---	---	---	Tons Stored
3-02-002-10	Decaffeination : Solvent Extraction	---	---	---	---	---	---	---	---	Tons Processed
3-02-002-11	Decaffeination : Supercritical CO2 Extraction	---	---	---	---	---	---	---	---	Tons Processed
3-02-002-16	Steam or Hot Air Drying of Decaffeinated Green Coffee Beans	---	---	---	---	---	---	---	---	Tons Processed
3-02-002-20	Indirect-fired Batch Roaster -Natural Gas (incl combustion emiss)	<sup>27</sup> 0.12	---	---	---	---	0.86	---	---	Tons Fed
3-02-002-21	Indirect-fired Continuous Roaster -Natural Gas (incl combustion emiss)	0.66	---	<sup>27</sup> 0.1	---	---	1.4	1.5	---	Tons Fed
3-02-002-24	Direct-fired Batch Roaster - Natural Gas	---	---	---	---	---	---	---	---	Tons Fed
3-02-002-25	Direct-fired Continuous Roaster - Natural Gas	---	---	---	---	---	---	---	---	Tons Fed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Coffee Roasting - 2095</i>										
3-02-002-28	Cooling of Roasted Coffee Beans	---	---	---	---	---	---	---	---	Tons Fed to Roaster
3-02-002-30	De-stoning - Air Classification for Debris Removal	---	---	---	---	---	---	---	---	Tons Processed
3-02-002-34	Equilibration - Air Drying & Stabilization of Roasted Coffee Beans	---	---	---	---	---	---	---	---	Tons Produced
3-02-002-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i>Instant Coffee Products - 2095</i>										
3-02-003-01	Spray Drying (Instant Coffee) Ground Coffee after H2O Extraction	---	---	---	---	---	---	---	---	Tons Processed
3-02-003-06	Freeze Drying (Instant Coffee) Ground Coffee after H2O Extraction	---	---	---	---	---	---	---	---	Tons Produced
<i>Cotton Ginning - 724</i>										
3-02-004-01	Unloading Fan	5	0.75	---	---	---	---	---	---	Bales Processed
3-02-004-02	Seed Cotton Cleaning System (use SCCs 3-02-004-20, 21, & 22)	1	0.05	---	---	---	---	---	---	Bales Processed
3-02-004-03	Master Trash Fan (incl Stick&Burr Mach/Gin Stand/Extr'r Feed/Batt Cond)	3	0.03	---	---	---	---	---	---	Bales Processed
3-02-004-04	Miscellaneous (incl Lint Chr/Batt Cond/Trash, Overflo & Mote Fans)	3	0.23	---	---	---	---	---	---	Bales Processed
3-02-004-05	Extract Feeder Cleaners	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-06	Saw Ginning	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-07	Lint Cleaners	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-08	Battery Condenser (incl Baling System)	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-09	Stick and Green Leaf Extracting Cleaner (use SCCs 3-02-004-20, 21,	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-10	General - Entire Process, Sum of Typical Equip Used	12	1	---	---	---	---	---	---	Bales Processed
3-02-004-11	Burr Machine Cleaner (use SCCs 3-02-004-20, 21, & 22)	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-12	Stick Machine Cleaner (use SCCs 3-02-004-20, 21, & 22)	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-15	Drying (use SCCs 3-02-004-20, 21, & 22)	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-20	No. 1 Dryer and Cleaner	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-21	No. 2 Dryer and Cleaner	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-22	No. 3 Dryer and Cleaner	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-25	Overflow Fan	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-30	Cyclone Robber System	---	---	---	---	---	---	---	---	Bales Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Cotton Ginning - 724</i>										
3-02-004-35	Mote Fan	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-36	Mote Trash Fan	---	---	---	---	---	---	---	---	Bales Processed
3-02-004-99	Not Classified	---	---	---	---	---	---	---	---	Bales Processed
<i>Feed and Grain Terminal Elevators - 5153, 4221, 4491</i>										
3-02-005-01	Shipping/Receiving	1	---	---	---	---	---	---	---	Tons Processed
3-02-005-02	Transfer/Convey	2	---	---	---	---	---	---	---	Tons Processed
3-02-005-03	Cleaning	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-04	Drying	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-05	Unloading (Receiving)	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-06	Loading (Shipping)	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-07	Removal from Bins (Tunnel Belt)	1.4	---	---	---	---	---	---	---	Tons Processed
3-02-005-08	Elevator Legs (Headhouse)	1.5	---	---	---	---	---	---	---	Tons Processed
3-02-005-09	Tripper (Gallery Belt)	1	---	---	---	---	---	---	---	Tons Processed
3-02-005-10	Removal from Bins (Tunnel Belt)	2.8	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-11	Elevator Legs (Headhouse)	4.5	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-12	Country Elevators: General	10.2	1.65	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-13	Fumigation Tanks	---	---	---	---	---	---	---	---	Tons Treated
3-02-005-14	General	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-15	Cleaning	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-16	Loading	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-17	Turning	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-18	Turning	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-19	Tripper (Gallery)	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-20	Batch Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-21	Cross-flow Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-22	Counter-flow Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-23	Batch Dryer	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-24	Cross-flow Dryer	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-25	Counter-flow Dryer	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-26	General	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-27	Grain Drying - Column Dryer	0.22	0.055	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Feed and Grain Terminal Elevators - 5153, 4221, 4491</u></i>										
3-02-005-28	Grain Drying - Rack Dryer	3	0.75	---	---	---	---	---	---	Tons Processed
3-02-005-30	Headhouse & Internal Handling (legs, belts, distributors, scale, etc.)	0.061	0.034	---	---	---	---	---	---	Tons Processed
3-02-005-31	Fugitive Emissions: General	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-32	Fugitive Emissions: Shipping/Receiving	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-005-37	Grain Cleaning - Internal Vibrating	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-38	Grain Cleaning - Stationary Enclosed	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-40	Storage Bin Vents	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-50	Unloading (Receiving) from Trucks (unspecified type)	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-51	Unloading (Receiving) from Straight Trucks	0.18	0.059	---	---	---	---	---	---	Tons Processed
3-02-005-52	Unloading (Receiving) from Hopper Trucks	0.035	0.0078	---	---	---	---	---	---	Tons Processed
3-02-005-53	Unloading (Receiving) from Railcars	0.032	0.0078	---	---	---	---	---	---	Tons Processed
3-02-005-54	Unloading (Receiving) from Barges	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-55	Unloading (Receiving) from Ships	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-60	Unloading (Shipping) into Trucks (unspecified type)	0.086	0.029	---	---	---	---	---	---	Tons Processed
3-02-005-61	Loading (Shipping) into Straight Trucks	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-62	Loading (Shipping) into Hopper Trucks	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-63	Loading (Shipping) into Railcars	0.027	0.0022	---	---	---	---	---	---	Tons Processed
3-02-005-64	Loading (Shipping) into Barges	---	---	---	---	---	---	---	---	Tons Processed
3-02-005-65	Loading (Shipping) into Ships	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Feed and Grain Country Elevators - 5153, 4221, 4491</u></i>										
3-02-006-01	Shipping/Receiving	5	---	---	---	---	---	---	---	Tons Processed
3-02-006-02	Transfer/Convey	3	---	---	---	---	---	---	---	Tons Processed
3-02-006-03	Cleaning	3	0.45	---	---	---	---	---	---	Tons Processed
3-02-006-04	Drying	0.7	0.43	---	---	---	---	---	---	Tons Processed
3-02-006-05	Unloading (Receiving)	0.6	0.294	---	---	---	---	---	---	Tons Processed
3-02-006-06	Loading (Shipping)	0.3	0.05	---	---	---	---	---	---	Tons Processed
3-02-006-07	Removal from Bins (Tunnel Belt)	1	0.694	---	---	---	---	---	---	Tons Processed
3-02-006-08	Elevator Legs (Headhouse)	1.5	0.23	---	---	---	---	---	---	Tons Processed
3-02-006-09	Tripper (Gallery Belt)	1.7	0.26	---	---	---	---	---	---	Tons Shipped or Received
3-02-006-10	Removal from Bins (Tunnel Belt)	1	0.694	---	---	---	---	---	---	Tons Shipped or Received
3-02-006-11	Elevator Legs (Headhouse)	---	0.7	---	---	---	---	---	---	Tons Shipped or Received



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Feed and Grain Country Elevators - 5153, 4221, 4491</i>										
3-02-006-99	General	---	---	---	---	---	---	---	---	Tons Processed
<i>Grain Millings - 2041</i>										
3-02-007-01	General	5	---	---	---	---	---	---	---	Tons Processed
3-02-007-02	General	7	---	---	---	---	---	---	---	Tons Processed
3-02-007-03	Barley Cleaning	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-04	Milo Cleaning	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-05	Barley Flour Mill	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-06	Barley: Receiving	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-07	Barley: Bulk Loading	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-08	Barley Malting: Grain Receiving	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-09	Barley Malting: Gas-fired Malt Kiln	0.19	0.17	0.088	---	---	---	---	---	Tons Processed
3-02-007-10	Milo: Receiving	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-11	Durum Milling: Grain Receiving	See App. C	See App. C	---	---	---	---	---	---	Tons Received
3-02-007-12	Durum Milling: Precleaning/Handling	---	---	---	---	---	---	---	---	Tons Received
3-02-007-13	Durum Milling: Cleaning House	---	---	---	---	---	---	---	---	Tons Received
3-02-007-14	Durum Milling: Millhouse	---	---	---	---	---	---	---	---	Tons Received
3-02-007-21	Rye: Grain Receiving	See App. C	See App. C	---	---	---	---	---	---	Tons Received
3-02-007-22	Rye: Precleaning/Handling	0.061	0.034	---	---	---	---	---	---	Tons Processed
3-02-007-23	Rye: Cleaning House	---	---	---	---	---	---	---	---	Tons Received
3-02-007-24	Rye: Millhouse	---	---	---	---	---	---	---	---	Tons Received
3-02-007-30	General	---	---	---	---	---	---	---	---	Tons Produced
3-02-007-31	Wheat: Grain Receiving	See App. C	See App. C	---	---	---	---	---	---	Tons Received
3-02-007-32	Wheat: Precleaning/Handling	0.061	0.034	---	---	---	---	---	---	Tons Processed
3-02-007-33	Wheat: Cleaning House	---	---	---	---	---	---	---	---	Tons Received
3-02-007-34	Wheat: Millhouse	70	35	---	---	---	---	---	---	Tons Processed
3-02-007-40	Dry Corn Milling: Silo Storage	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-41	Dry Corn Milling: Grain Receiving	See App. C	See App. C	---	---	---	---	---	---	Tons Received
3-02-007-42	Dry Corn Milling: Grain Drying	See App. C	See App. C	---	---	---	---	---	---	Tons Received
3-02-007-43	Dry Corn Milling: Precleaning/Handling	0.061	0.034	---	---	---	---	---	---	Tons Processed
3-02-007-44	Dry Corn Milling: Cleaning House	---	---	---	---	---	---	---	---	Tons Received
3-02-007-45	Dry Corn Milling: Degerming and Milling	---	---	---	---	---	---	---	---	Tons Received

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Grain Millings - 2041</i>										
3-02-007-46	Dry Corn Milling: Bulk Loading	---	---	---	---	---	---	---	---	Tons Received
3-02-007-47	Dry Corn Milling: Pneumatic Conveyor	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-48	Dry Corn Milling: Grinding	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-51	Wet Corn Milling: Grain Receiving	1	---	---	---	---	---	---	---	Tons Received
3-02-007-52	Wet Corn Milling: Grain Handling	0.87	---	---	---	---	---	---	---	Tons Received
3-02-007-53	Wet Corn Milling: Grain Cleaning	1.6	---	---	---	---	---	---	---	Tons Received
3-02-007-54	Wet Corn Milling: Dryers	0.48	0.29	---	---	---	---	---	---	Tons Received
3-02-007-55	Wet Corn Milling: Bulk Loading	---	---	---	---	---	---	---	---	Tons Received
3-02-007-56	Wet Corn Milling: Milling	---	---	---	---	---	---	---	---	Tons Received
3-02-007-57	Dry Corn Milling: Mixing Tank	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-58	Dry Corn Milling: Extruder	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-59	Dry Corn Milling: Kettle Cooker	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-60	Oat: General	See App. C	See App. C	---	---	---	---	---	---	Tons Received
3-02-007-61	Steeping: Grain Conditioning in Tanks Containing Dilute Sulfurous Acid	---	---	---	---	---	---	---	---	Tons Steeped
3-02-007-62	Evaporators: Concentrate Steepwater to 30-55 % Solids by Evaporation	---	---	---	---	---	---	---	---	Gallons Removed
3-02-007-63	Gluten Feed Drying: Direct-fired Dryer - Produces Corn Gluten Feed	---	---	---	---	---	---	---	---	Tons Produced
3-02-007-64	Gluten Feed Drying: Indirect-fired Dryer - Produces Corn Gluten Feed	---	---	---	---	---	---	---	---	Tons Produced
3-02-007-65	Degerminating Mills: Separates Germ from Starch and Gluten	---	---	---	---	---	---	---	---	Tons Fed
3-02-007-66	Germ Drying: Drying Germ from Degerminating Mills	---	---	---	---	---	---	---	---	Tons Produced
3-02-007-67	Fiber Drying: Drying Corn Hulls after Separation from Starch & Gluten	---	---	---	---	---	---	---	---	Tons Produced
3-02-007-68	Gluten Drying: Direct-fired Dryer - Produces Corn Gluten Meal	---	---	---	---	---	---	---	---	Tons Produced
3-02-007-69	Gluten Drying: Indirect-fired Dryer - Produces Corn Gluten Meal	---	---	---	---	---	---	---	---	Tons Produced
3-02-007-70	Dextrose Drying	---	---	---	---	---	---	---	---	Tons Produced
3-02-007-71	Rice: Grain Receiving	---	---	---	---	---	---	---	---	Tons Received
3-02-007-72	Rice: Precleaning/Handling	---	---	---	---	---	---	---	---	Tons Received
3-02-007-73	Rice: Drying	0.063	0.0312	---	---	---	---	---	---	Tons Processed
3-02-007-74	Rice: Cleaning/Millhouse	---	---	---	---	---	---	---	---	Tons Received

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Grain Millings - 2041</u></i>										
3-02-007-75	Rice: Paddy Cleaning	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-76	Rice: Mill House	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-77	Rice: Aspirator	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-78	Rice: Cleaning/Millhouse	---	---	---	---	---	---	---	---	Tons Received
3-02-007-81	Soybean: Grain Receiving	0.15	---	---	---	---	---	---	---	Tons Received
3-02-007-82	Soybean: Grain Handling	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-83	Soybean: Grain Cleaning	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-84	Soybean: Drying	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-85	Soybean: Cracking and Dehulling	3.3	---	---	---	---	---	---	---	Tons Received
3-02-007-86	Soybean: Hull Grinding	2	---	---	---	---	---	---	---	Tons Received
3-02-007-87	Soybean: Bean Conditioning	0.1	---	---	---	---	---	---	---	Tons Received
3-02-007-88	Soybean: Flaking	0.57	---	---	---	---	---	---	---	Tons Received
3-02-007-89	Soybean: Meal Dryer	1.5	---	---	---	---	---	---	---	Tons Received
3-02-007-90	Soybean: Meal Cooler	1.8	---	---	---	---	---	---	---	Tons Received
3-02-007-91	Soybean: Bulk Loading	0.27	---	---	---	---	---	---	---	Tons Received
3-02-007-92	Soybean: White Flake Cooler	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-93	Soybean: Meal Grinder/Sizing	---	---	---	---	---	---	---	---	Tons Processed
3-02-007-99	See Comments	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Feed Manufacture - 2082</u></i>										
3-02-008-01	General	3	---	---	---	---	---	---	---	Tons Processed
3-02-008-02	Grain Receiving	0.017	0.0025	---	---	---	---	---	---	Tons Received
3-02-008-03	Shipping	0.0033	0.0008	---	---	---	---	---	---	Tons Processed
3-02-008-04	Handling	5.5	---	---	---	---	---	---	---	Tons Received
3-02-008-05	Grinding	---	0.06	---	---	---	---	---	---	Tons Received
3-02-008-06	Pellet Coolers	---	0.1	---	---	---	---	---	---	Tons Received
3-02-008-07	Grain Cleaning	---	---	---	---	---	---	---	---	Tons Received
3-02-008-08	Milling	---	---	---	---	---	---	---	---	Tons Received
3-02-008-09	Mixing/Blending	---	---	---	---	---	---	---	---	Tons Received
3-02-008-10	Conveying	---	---	---	---	---	---	---	---	Tons Received
3-02-008-11	Scalping	---	---	---	---	---	---	---	---	Tons Received
3-02-008-12	Bulk Load-out	---	---	---	---	---	---	---	---	Tons Received

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Feed Manufacture - 2082</u></i>										
3-02-008-13	Shaking	---	---	---	---	---	---	---	---	Tons Received
3-02-008-14	Storage	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-15	Grinding	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-16	Pellet Cooler	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-17	Grain Milling: Hammermill	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-18	Grain Milling: Flaker	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-19	Grain Milling: Grain Cracker	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-21	Fugitive Emissions: General	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-22	Fugitive Emissions: Shipping/Receiving	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-23	Fugitive Emissions: Packing	---	---	---	---	---	---	---	---	Tons Processed
3-02-008-32	Citrate: Handling/Transferring	---	---	---	---	---	---	---	---	Tons Produced
3-02-008-33	Citrate: Grinding	---	---	---	---	---	---	---	---	Tons Produced
3-02-008-34	Citrate: Drying	---	---	---	---	---	---	---	---	Tons Produced
3-02-008-35	Citrate: Storage	---	---	---	---	---	---	---	---	Tons Produced
3-02-008-99	Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Beer Production - 2082</u></i>										
3-02-009-01	Grain Handling (see also 3-02-005-xx)	3	---	---	---	---	---	---	---	Tons Processed
3-02-009-02	Drying Spent Grains (use SCCs 3-02-009-30 & -31)	---	---	---	---	---	---	---	---	Tons Processed
3-02-009-03	Brew Kettle (use SCC 3-02-009-07)	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-009-04	Aging Tank: Secondary Fermentation	---	---	---	---	---	---	---	---	Barrel-Years Stored
3-02-009-05	Malt Kiln	0.045	0.027	---	---	---	---	---	---	Tons Dried
3-02-009-06	Malt Mill	---	---	---	---	---	---	---	---	Tons Processed
3-02-009-07	Brew Kettle	0.41	---	---	---	---	0.64	---	---	1000 Barrels Packaged
3-02-009-08	Aging Tank: Filling	---	---	---	---	---	0.57	---	---	1000 Barrels Packaged
3-02-009-10	Beer Bottling: Storage	---	---	---	---	---	---	---	---	Tons Processed
3-02-009-11	Fugitive Emissions: General	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-009-12	Fugitive Emissions: General	---	---	---	---	---	---	---	---	Tons Processed
3-02-009-15	Milled Malt Hopper	---	---	---	---	---	---	---	---	Tons Throughput
3-02-009-20	Raw Material Storage	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-009-21	Mash Tun	---	---	---	---	---	0.054	---	---	1000 Barrels Packaged
3-02-009-22	Cereal Cooker	---	---	---	---	---	0.0075	---	---	1000 Barrels Packaged

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Beer Production - 2082</i>										
3-02-009-23	Lauter Tun or Strainmaster	---	---	---	---	---	0.0055	---	---	1000 Barrels Packaged
3-02-009-24	Hot Wort Settling Tank	---	---	---	---	---	0.075	---	---	1000 Barrels Packaged
3-02-009-25	Wort Cooler	---	---	---	---	---	0.022	---	---	1000 Barrels Packaged
3-02-009-26	Trub Vessel	---	---	---	---	---	0.25	---	---	1000 Barrels Packaged
3-02-009-30	Brewers Grain Dryer: Natural Gas-fired	26	0.33	---	---	---	0.73	---	---	Tons Produced
3-02-009-31	Brewers Grain Dryer: Fuel Oil-fired	---	---	---	---	---	---	---	---	Tons Produced
3-02-009-32	Brewers Grain Dryer: Steam-heated	26	0.33	---	---	---	0.73	0.22	---	Tons Produced
3-02-009-35	Fermenter Venting: Closed Fermenter	---	---	---	---	---	2	---	---	1000 Barrels Packaged
3-02-009-37	Fermenter Venting: Open Fermenter	---	---	---	---	---	---	---	---	1000 Barrels Packaged
3-02-009-39	Activated Carbon Regeneration	---	---	---	---	---	0.035	---	---	1000 Barrels Packaged
3-02-009-40	Brewers Yeast Disposal	---	---	---	---	---	---	---	---	1000 Barrels Packaged
3-02-009-41	Yeast Propagation	---	---	---	---	---	---	---	---	1000 Barrels Packaged
3-02-009-51	Can Filling Line	---	---	---	---	---	14	---	---	1000 Barrels Canned
3-02-009-52	Sterilized Can Filling Line	---	---	---	---	---	35	---	---	1000 Barrels Canned
3-02-009-53	Bottle Filling Line	---	---	---	---	---	17	---	---	1000 Barrels Bottled
3-02-009-54	Sterilized Bottle Filling Line	---	---	---	---	---	40	---	---	1000 Barrels Bottled
3-02-009-55	Keg Filling Line	---	---	---	---	---	0.69	---	---	1000 Barrels Kegged
3-02-009-60	Bottle Soaker and Cleaner	---	---	---	---	---	0.2	---	---	1000 Cases Washed
3-02-009-61	Bottle Crusher	---	---	---	---	---	0.48	---	---	Each Crushed
3-02-009-62	Can Crusher with Pneumatic Conveyor	---	---	---	---	---	0.088	---	---	Gallons Recovered
3-02-009-63	Beer Sump	---	---	---	---	---	---	---	---	1000 Barrels Packaged
3-02-009-64	Waste Beer Recovery	---	---	---	---	---	---	---	---	1000 Barrels Packaged
3-02-009-65	Waste Beer Storage Tanks	---	---	---	---	---	---	---	---	1000 Barrels Packaged
3-02-009-66	Ethanol Removal from Waste Beer	---	---	---	---	---	---	---	---	1000 Barrels Packaged
3-02-009-67	Ethanol Recovery from Waste Beer	---	---	---	---	---	---	---	---	1000 Barrels Packaged
3-02-009-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Produced
3-02-009-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i>Distilled Spirits - 2085</i>										
3-02-010-01	Grain Handling (see 3-02-006-05)	3	---	---	---	---	---	---	---	Tons Processed
3-02-010-02	Dryer House Operations	5	---	---	---	---	---	---	---	Tons Processed
3-02-010-03	Aging (see 3-02-010-17)	---	---	---	---	---	10	---	---	Barrels (50 Gallon) Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Distilled Spirits - 2085</u></i>										
3-02-010-04	Fermentation Tank (see 3-02-010-14)	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-010-05	Malt Milling	---	---	---	---	---	---	---	---	Tons Processed
3-02-010-06	Malt Drying	---	---	---	---	---	---	---	---	Tons Dried
3-02-010-10	Whiskey Bottling: Storage (see 3-02-010-18)	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-010-11	Fugitive Emissions: General	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-010-12	Fugitive Emissions: General	---	---	---	---	---	---	---	---	Tons Processed
3-02-010-13	Whiskey: Grain Mashing	---	---	---	---	---	---	---	---	Tons Processed
3-02-010-14	Whiskey: Fermentation Tank	---	---	---	---	---	---	---	---	1000 Bushels Input
3-02-010-15	Whiskey: Distillation	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-010-17	Whiskey: Aging - Evaporation Loss	---	---	---	---	---	---	---	---	Barrel-Years (53 Gal) Aged
3-02-010-18	Whiskey: Blending/Bottling	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-010-20	Raw Material Storage	---	---	---	---	---	---	---	---	Tons Processed
3-02-010-99	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Produced
<i><u>Wines, Brandy, and Brandy Spirits - 2084</u></i>										
3-02-011-01	Grape Crushing/Treatment: White Wines	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-011-02	Grape Crushing/Treatment: Red Wine	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-011-03	Aging	---	---	---	---	---	---	---	---	Barrel-Years Stored
3-02-011-04	Fermentation Tank	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-011-05	Wine Fermentation - White Wine	---	---	---	---	---	1.8	---	---	1000 Gallons Produced
3-02-011-06	Wine Fermentation - Red Wine	---	---	---	---	---	4.6	---	---	1000 Gallons Produced
3-02-011-10	Wine Bottling: Storage	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-011-11	Fugitive Emissions: Pomace Screening - Red Wine	---	---	---	---	---	0.5	---	---	1000 Gallons Produced
3-02-011-12	Fugitive Emissions: Pomace Press - Red Wine	---	---	---	---	---	0.02	---	---	1000 Gallons Produced
3-02-011-20	Raw Material Storage	---	---	---	---	---	---	---	---	Tons Processed
3-02-011-21	Wine Bottling - White Wine	---	---	---	---	---	0.1	---	---	1000 Gallons Bottled
3-02-011-99	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Produced
<i><u>Fish Processing - 2077, 2091</u></i>										
3-02-012-01	Cookers: Fresh Fish Scrap	---	---	---	---	---	0.03	---	---	Tons Produced
3-02-012-02	Cookers: Stale Fish Scrap	---	---	---	---	---	3.5	---	---	Tons Produced
3-02-012-03	Dryers	0.1	---	---	---	---	---	---	---	Tons Processed
3-02-012-04	Canning Cookers	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Fish Processing - 2077, 2091</i></u>										
3-02-012-05	Steam Tube Dryer	5	1.05	---	---	---	---	---	---	Tons Processed
3-02-012-06	Direct Fired Dryer	8	1.68	---	---	---	---	---	---	Tons Processed
3-02-012-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Meat Smokehouses - 2012, 2013</i></u>										
3-02-013-01	Combined Operations	---	---	---	---	---	---	---	---	Tons Smoked
3-02-013-02	Batch Smokehouses: Smoking Cycle	23	23	30	---	---	44	---	---	Tons Used
3-02-013-03	Batch Smokehouses: Cooking Cycle	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-02-013-04	Continuous Smokehouse: Smoke Zone	66	66	75	---	---	17	---	---	Tons Used
3-02-013-05	Continuous Smokehouse: Heat Zone	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-02-013-11	Meat Charbroiler	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Starch Manufacturing - 2036</i></u>										
3-02-014-01	Combined Operations	8	---	---	---	120.8	252.1	---	---	Tons Produced
3-02-014-02	Steeping (Acidification)	---	---	---	---	---	---	---	---	Tons Processed
3-02-014-03	Grinding	---	---	---	---	---	---	---	---	Tons Processed
3-02-014-04	Screening	---	---	---	---	---	---	---	---	Tons Produced
3-02-014-05	Centrifuging	---	---	---	---	---	---	---	---	Tons Processed
3-02-014-06	Starch Filtering	---	---	---	---	---	---	---	---	Tons Processed
3-02-014-07	Starch Storage Bin	---	---	---	---	---	---	---	---	Tons Stored
3-02-014-08	Starch Bulk Loadout	---	---	---	---	---	---	---	---	Tons Loaded
3-02-014-10	Modified Starch Drying: Flash Dryers	---	---	---	---	---	---	---	---	Tons Produced
3-02-014-11	Modified Starch Drying: Spray Dryers	---	---	---	---	---	---	---	---	Tons Produced
3-02-014-12	Unmodified Starch Drying: Flash Dryers	---	---	---	---	---	---	---	---	Tons Produced
3-02-014-13	Unmodified Starch Drying: Spray Dryers	---	---	---	---	---	---	---	---	Tons Produced
3-02-014-21	Fugitive Emissions: General	---	---	---	---	---	---	---	---	Tons Processed
3-02-014-22	Fugitive Emissions: Starch Packaging	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Sugar Cane Refining - 2061, 2062</i></u>										
3-02-015-01	General	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-03	Evaporators	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-015-05	Clarifier	---	---	---	---	---	---	---	---	1000 Gallons Produced
3-02-015-07	Vacuum Pans	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-10	Cane Sugar Dryer	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Sugar Cane Refining - 2061, 2062</i></u>										
3-02-015-12	Bulk Sugar Storage	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-14	Bulk Sugar Loadout	---	---	---	---	---	---	---	---	Tons Loaded
3-02-015-20	Clarification (Phosphatation)	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-015-21	Clarification (Carbonation)	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-015-25	Adsorbent Regeneration	---	---	---	---	---	---	---	---	Tons Conveyed
3-02-015-26	Adsorbent Conveyor Transfer	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-015-30	Evaporator	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-32	Vacuum Pans	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-35	Sugar Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-36	Sugar Cooler	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-37	Sugar Granulator (Dryer & Cooler)	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-40	Screen	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-42	Sugar Storage and Packaging	---	---	---	---	---	---	---	---	Tons Produced
3-02-015-44	Bulk Loadout	---	---	---	---	---	---	---	---	Tons Loaded
3-02-015-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Sugar Beet Processing - 2063</i></u>										
3-02-016-01	Pulp Dryer : Coal-fired	4.4	---	---	0.41	0.06	0.2	---	---	Footnote 35
3-02-016-05	Pulp Dryer : Oil-fired	---	---	---	---	---	---	---	---	Tons Fed
3-02-016-08	Pulp Dryer : Natural Gas-fired	---	---	---	---	---	---	---	---	Tons Fed
3-02-016-12	Dried Pulp Pelletizer	---	---	---	---	---	---	---	---	Tons Produced
3-02-016-16	Dried Pulp Pellet Cooler	---	---	---	---	---	---	---	---	Tons Produced
3-02-016-21	First Carbonation Tank	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-016-22	Second Carbonation Tank	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-016-31	Sulfur Stove Contacting Tower	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-016-41	First Effect Evaporator Vent	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-02-016-51	Sugar Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-02-016-55	Sugar Cooler	---	---	---	---	---	---	---	---	Tons Produced
3-02-016-58	Sugar Granulator (Dryer & Cooler)	---	---	---	---	---	---	---	---	Tons Produced
3-02-016-61	Sugar Conveying and Sacking	---	---	---	---	---	---	---	---	Tons Produced
3-02-016-82	Lime Crusher	---	---	---	---	---	---	---	---	Tons Crushed
3-02-016-84	Lime Kiln : Coal-fired	---	---	---	---	---	---	---	---	Tons Processed



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Sugar Beet Processing - 2063</i></u>										
3-02-016-86	Lime Kiln : Natural Gas-fired	---	---	---	---	---	---	---	---	Tons Processed
3-02-016-88	Lime Slaker	---	---	---	---	---	---	---	---	Tons Processed
3-02-016-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Peanut Processing - 2076, 2079, 2099</i></u>										
3-02-017-01	Loading/Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-02	Cleaning	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-03	Shelling	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-04	Milling	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-05	Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-11	Unloading of Almonds to Receiving Pit	0.06	---	---	---	---	---	---	---	Tons Processed
3-02-017-12	Precleaning of Orchard Debris from Almonds	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-13	Hull Removal and Separation from In-shell Almonds	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-14	Hulling and Shelling of Almonds (Huller/Sheller)	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-15	Classifier Screen Deck to Remove Shell from Meats	---	---	---	---	---	---	---	---	Tons Processed
3-02-017-16	Air Leg to Separate Shells from Meats	0.51	---	---	---	---	---	---	---	Tons Processed
3-02-017-17	Almond Roaster: Direct-fired Rotating Drum	---	---	---	---	---	---	---	---	Tons Produced
3-02-017-99	Other Not Classified	---	---	---	---	0.065	---	---	---	Tons Processed
<u><i>Candy Manufacturing - 2064, 2066</i></u>										
3-02-018-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Vegetable Oil Processing - 2046, 2074, 2076, 2079</i></u>										
3-02-019-01	Corn Oil: General	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-02	Cottonseed Oil: General	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-03	Soybean Oil: General	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-04	Peanut Oil: General	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-05	General	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-06	Corn Oil: General	---	---	---	---	---	18.7	---	---	Tons Produced
3-02-019-07	Cottonseed Oil: General	---	---	---	---	---	17.5	---	---	Tons Produced
3-02-019-08	Soybean Oil: General (use 3-02-019-98)	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-09	Peanut Oil: General	---	---	---	---	---	20.7	---	---	Tons Produced
3-02-019-11	Oil Extraction	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-12	Meal Preparation	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Vegetable Oil Processing - 2046, 2074, 2076, 2079</i>										
3-02-019-13	Oil Refining	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-14	Fugitive Leaks	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-15	Solvent Storage (Use 4-07-016-15 & -16 or 4-07-176-03 & -04)	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-16	Oil Extraction	---	---	---	---	---	16.77	---	---	Tons Produced
3-02-019-17	Meal Preparation	---	---	---	---	---	1.1	---	---	Tons Produced
3-02-019-18	Oil Refining	---	---	---	---	---	0.46	---	---	Tons Produced
3-02-019-19	Fugitive Leaks	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-20	Solvent Storage (Use 4-07-016-15 & -16 or 4-07-176-03 & -04 if possible)	---	---	---	---	---	---	---	---	Tons Processed
3-02-019-21	Solvent Work Tank	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-019-23	Aspiration Exhaust Vent: Startup and Shutdown	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-25	Oil Extraction Rotary Cell Extractor	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-26	Oil Extraction Vertically Arranged Basket Type Extractor	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-27	Oil Extraction Continuous, Shallowbed, Rectangular Loop, No Baskets	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-30	Meal Preparation: Desolventizer/Toaster	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-31	Meal Preparation: Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-32	Meal Preparation: Cooler	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-33	Meal Preparation: Pneumatic Conveyor	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-35	Meal Preparation: Screening and Grinding	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-39	Meal Storage Tanks	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-41	Oil Refining: Miscellaneous Holding Tank	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-42	Oil Refining: Evaporator(s)	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-45	Oil Refining: Oil Stripping Column	---	---	---	---	---	---	---	---	Tons Produced
3-02-019-49	Crude Oil Storage Tanks	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-019-50	Solvent/Water Separator	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-019-60	Wastewater Evaporator	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-019-97	Soybean Oil Production: Complete Process-Solvent Loss(Plant-specific)	---	---	---	---	---	---	---	---	Tons Processed
3-02-019-98	Soybean Oil Production: Complete Process-Solvent Loss (average)	---	---	---	---	---	4.9	---	---	Tons Processed
3-02-019-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Beef Cattle Feedlots - 211</u></i>										
3-02-020-01	Feedlots: General	---	---	---	---	---	---	---	---	Each-Year Capacity
3-02-020-02	Feedlots: General	---	---	---	---	---	---	---	---	Each Throughput
<i><u>Eggs and Poultry Production - 254</u></i>										
3-02-021-01	Manure Handling: Dry	---	---	---	---	---	---	---	---	Each-Year Capacity
3-02-021-02	Manure Handling: Dry	---	---	---	---	---	---	---	---	Each Throughput
3-02-021-05	Manure Handling: Wet	---	---	---	---	---	---	---	---	Each-Year Capacity
3-02-021-06	Manure Handling: Wet	---	---	---	---	---	---	---	---	Each Throughput
<i><u>Cotton Seed Delinting - 723</u></i>										
3-02-022-01	Acid Delinting of Cotton Seeds	---	---	---	---	---	---	---	---	Tons Delinted
<i><u>Seed Products and Processing - 0180, 5191</u></i>										
3-02-026-01	Seed Handling: General	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Mushroom Growing - 182</u></i>										
3-02-028-01	General	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Dairy Products - 2021, 2022, 2023, 2024, 2026</u></i>										
3-02-030-01	Milk: Spray Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-02-030-10	Whey Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-02-030-20	Cheese Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-02-030-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Export Grain Elevators - 4491, 4221</u></i>										
3-02-031-03	Cleaning	3	0.45	---	---	---	---	---	---	Tons Processed
3-02-031-04	Drying	1.1	0.67	---	---	---	---	---	---	Tons Processed
3-02-031-05	Unloading	1	---	---	---	---	---	---	---	Tons Processed
3-02-031-06	Loading	1	---	---	---	---	---	---	---	Tons Processed
3-02-031-07	Removal from Bins (Tunnel Belt)	1.4	---	---	---	---	---	---	---	Tons Processed
3-02-031-08	Elevator Legs (Headhouse)	1.5	---	---	---	---	---	---	---	Tons Processed
3-02-031-09	Tripper (Gallery Belt)	1	---	---	---	---	---	---	---	Tons Processed
3-02-031-10	Removal from Bins (Tunnel Belt)	---	---	---	---	---	---	---	---	Tons Shipped or Received
3-02-031-11	Elevator Legs (Headhouse)	---	---	---	---	---	---	---	---	Tons Shipped or Received
<i><u>Bakeries - 2051, 2052</u></i>										
3-02-032-01	Bread Baking: Sponge-Dough Process	---	---	---	---	---	Footnote 36	---	---	Tons Baked

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Bakeries - 2051, 2052</u></i>										
3-02-032-02	Bread Baking: Straight-Dough Process	---	---	---	---	---	Footnote 36	---	---	Tons Baked
3-02-032-03	Material Handling and Transferring	---	---	---	---	---	---	---	---	Tons Processed
3-02-032-04	Flour Storage	---	---	---	---	---	---	---	---	Tons Processed
3-02-032-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Tobacco Processing - 2111, 2121, 2131, 2141</u></i>										
3-02-033-99	Other Not Classified	---	---	---	0.48	---	0.34	---	---	Tons Produced
<i><u>Baker's Yeast Manufacturing - Dry Yeast - 2000, 2090, 2099</u></i>										
3-02-034-04	Intermediate Fermentor (F4 Stage)	---	---	---	---	---	36	---	---	Tons Produced
3-02-034-05	Stock Fermentor (F5 Stage)	---	---	---	---	---	5	---	---	Tons Produced
3-02-034-06	Pitch Fermentor (F6 Stage)	---	---	---	---	---	5	---	---	Tons Produced
3-02-034-07	Trade Fermentor (F7 Stage)	---	---	---	---	---	5	---	---	Tons Produced
3-02-034-10	Wastewater Treatment	---	---	---	---	---	---	---	---	1000 Gallons Treated
3-02-034-15	Extrusion	---	---	---	---	---	---	---	---	Tons Processed
3-02-034-20	Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-02-034-21	Drying Chamber	---	---	---	---	---	---	---	---	Tons Produced
3-02-034-22	Rotolouvre Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-02-034-23	Airlift Dryer: Batch Process	---	---	---	---	---	---	---	---	Tons Produced
3-02-034-24	Airlift Dryer: Continuous Process	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Baker's Yeast Manufacturing - Compressed Yeast - 2000, 2090, 2099</u></i>										
3-02-035-04	Intermediate Fermentor (F4 Stage)	---	---	---	---	---	---	---	---	Tons Produced
3-02-035-05	Stock Fermentor (F5 Stage)	---	---	---	---	---	---	---	---	Tons Produced
3-02-035-06	Pitch Fermentor (F6 Stage)	---	---	---	---	---	---	---	---	Tons Produced
3-02-035-07	Trade Fermentor (F7 Stage)	---	---	---	---	---	---	---	---	Tons Produced
3-02-035-10	Wastewater Treatment	---	---	---	---	---	---	---	---	1000 Gallons Treated
3-02-035-30	Harvesting	---	---	---	---	---	---	---	---	Tons Processed
3-02-035-31	Harvesting: Centrifuge	---	---	---	---	---	---	---	---	Tons Processed
3-02-035-32	Harvesting: Plate and Frame Filter Press	---	---	---	---	---	---	---	---	Tons Processed
3-02-035-33	Harvesting: Rotary Vacuum Filter	---	---	---	---	---	---	---	---	Tons Processed
3-02-035-34	Harvesting: Mixers	---	---	---	---	---	---	---	---	Tons Processed
3-02-035-35	Harvesting: Extrusion	---	---	---	---	---	---	---	---	Tons Processed
3-02-035-36	Harvesting: Cutting	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Baker's Yeast Manufacturing - Compressed Yeast - 2000, 2090, 2099</i></u>										
3-02-035-40	Packaging	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Deep Fat Frying - 2099, 2017, 2051, 2092</i></u>										
3-02-036-01	Continuous Deep Fat Fryer: Potato Chips	1.6	---	0.39	---	---	0.02	---	---	Tons Produced
3-02-036-02	Continuous Deep Fat Fryer: Other Snack Chips	0.56	---	0.24	---	---	0.085	---	---	Tons Produced
3-02-036-03	Batch Deep Fat Fryer: Potato Chips	---	---	---	---	---	---	---	---	Tons Produced
3-02-036-04	Gas-fired Toaster: Snack Chips	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Animal/Poultry Rendering - 2077</i></u>										
3-02-038-01	General	---	---	---	---	---	---	---	---	Tons Processed
3-02-038-02	Size Reduction	---	---	---	---	---	---	---	---	Tons Processed
3-02-038-03	Cooking	---	---	---	---	---	---	---	---	Tons Processed
3-02-038-04	Storage	---	---	---	---	---	---	---	---	Tons Processed
3-02-038-05	Material Handling	---	---	---	---	---	---	---	---	Tons Processed
3-02-038-11	Blood Dryer: Natural Gas Direct Fired	---	---	---	---	---	---	---	---	Tons Produced
3-02-038-12	Blood Dryer: Steam-coil Indirect Heated	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Carob Kibble - 2041</i></u>										
3-02-039-01	Roaster	6	0.72	---	---	---	---	---	---	Tons Roasted
3-02-039-02	Receiving	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Cereal - 2043</i></u>										
3-02-040-01	Dryer	---	0.66	---	---	---	---	---	---	Tons Dried
3-02-040-02	Cereal Conveying	---	---	---	---	---	---	---	---	Tons Conveyed
3-02-040-03	Cereal Packaging	---	---	---	---	---	---	---	---	Tons Packaged
3-02-040-04	Cereal Coating	---	---	---	---	---	---	---	---	Tons Coated
<u><i>Vinegar Manufacturing - 2000, 2090, 2099</i></u>										
3-02-042-01	Fermentation: Alcohol	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Equipment Leaks - 0700, 2000</i></u>										
3-02-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u><i>Wastewater, Aggregate - 0700, 2000</i></u>										
3-02-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Wastewater, Points of Generation - 0700, 2000</u>										
3-02-825-01	Mineral Oil Stripper	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-825-02	Desolventizer/Toaster	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-825-03	Condensate from Condensers	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-825-04	Wastewater Separator	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-02-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fugitive Emissions - 2000</u>										
3-02-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-02-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-02-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-02-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-02-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
<u>Fuel Fired Equipment - 2000</u>										
3-02-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-02-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-02-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-02-900-05	Liquified Petroleum Gas (LPG): Process Heaters	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Fuel Fired Equipment - 0700, 2000</u>										
3-02-910-01	Broiling Food: Natural Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u>Other Not Specified - 2000</u>										
3-02-999-98	Other Not Classified	---	---	---	---	---	---	---	---	Tons Input
3-02-999-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Output
<u>INDUSTRIAL PROCESSES -Primary Metal Production</u>										
<u>Aluminum Ore (Bauxite) - 1099</u>										
3-03-000-01	Crushing/Handling	---	---	---	---	---	---	---	---	Tons Processed
3-03-000-02	Drying Oven	---	0.7	---	1.4	---	---	---	---	Tons Processed
3-03-000-03	Fine Ore Storage	---	0.0007	---	3	---	---	---	---	Tons Handled
3-03-000-04	Loading and Unloading	---	---	---	---	---	---	---	---	Tons Processed
<u>Aluminum Ore (Electro-reduction) - 3334</u>										
3-03-001-01	Prebaked Reduction Cell	---	54.5	---	60	0.003	0.1	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Aluminum Ore (Electro-reduction) - 3334</u>										
3-03-001-02	Horizontal Stud Soderberg Cell	---	56.8	---	---	---	1	---	---	Tons Produced
3-03-001-03	Vertical Stud Soderberg Cell	---	---	---	---	---	1	---	---	Tons Produced
3-03-001-04	Materials Handling	10	5.8	---	---	---	---	---	---	Tons Produced
3-03-001-05	Anode Baking Furnace	---	---	---	---	---	1	---	---	Tons Produced
3-03-001-06	Degassing	---	---	---	---	---	---	---	---	Tons Produced
3-03-001-07	Roof Vents	---	---	---	---	---	2.7	---	---	Tons Produced
3-03-001-08	Prebake: Fugitive Emissions	---	2.9	---	---	---	---	---	---	Tons Produced
3-03-001-09	H.S.S.: Fugitive Emissions	---	3.1	---	---	---	---	---	---	Tons Produced
3-03-001-10	V.S.S.: Fugitive Emissions	---	3.7	---	---	---	---	---	---	Tons Produced
3-03-001-11	Anode Baking: Fugitive Emissions	---	---	---	---	---	---	---	---	Tons Produced
3-03-001-99	Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Aluminum Hydroxide Calcining - 3334</u>										
3-03-002-01	Overall Process	---	24	---	---	---	0.02	---	---	Tons Produced
<u>By-product Coke Manufacturing - 3312</u>										
3-03-003-02	Oven Charging	0.48	---	---	<sup>21</sup> 0.02	0.03	2.5	0.6	---	Tons Charged
3-03-003-03	Oven Pushing	1.15	0.5	---	3.3	0.03	0.2	0.07	---	Tons Charged
3-03-003-04	Quenching	See App. C	See App. C	---	---	0.6	---	---	---	Tons Charged
3-03-003-05	Coal Unloading	0.00011	0.000054	---	---	---	---	---	---	Tons Charged
3-03-003-06	Oven Underfiring	0.47	---	---	---	0.04	2	---	---	Tons Charged
3-03-003-07	Coal Crushing/Handling	---	---	---	---	---	---	---	---	Tons Charged
3-03-003-08	Oven/Door Leaks	0.54	0.51	---	0.294	0.01	1.5	0.6	---	Tons Charged
3-03-003-09	Coal Conveying	---	---	---	---	---	---	---	---	Tons Processed
3-03-003-10	Coal Crushing	0.11	---	---	---	---	---	---	---	Tons Charged
3-03-003-11	Coal Screening	---	---	---	---	---	---	---	---	Tons Processed
3-03-003-12	Coke: Crushing/Screening/Handling	---	---	---	---	---	---	---	---	Tons Processed
3-03-003-13	Coal Preheater	3.5	3.4	---	---	---	0.3	---	---	Tons Charged
3-03-003-14	Topside Leaks	---	0.08	---	0.1	0.01	1.5	---	---	Tons Charged
3-03-003-15	Gas By-product Plant	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
3-03-003-16	Coal Storage Pile	---	---	---	---	---	---	---	---	Tons Charged
3-03-003-17	Combustion Stack: Coke Oven Gas (COG)	0.47	0.45	---	<sup>21</sup> See App. C	---	---	---	---	Tons Charged

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>By-product Coke Manufacturing - 3312</u></i>										
3-03-003-18	Combustion Stack: Blast Furnace Gas (BFG)	0.17	---	---	<sup>21</sup> 1.08	---	---	---	---	Tons Charged
3-03-003-31	By-product Coke Manufacturing	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-32	Flushing-liquor Circulation Tank	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-33	Excess-ammonia Liquor Tank	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-34	Tar Dehydrator	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-35	Tar Interceding Sump	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-36	Tar Storage	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-41	Light Oil Sump	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-42	Light Oil Decanter/Condenser Vent	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-43	Wash Oil Decanter	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-44	Wash-oil Circulation Tank	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-51	By-product Coke Manufacturing	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-52	Tar Bottom Final Cooler	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-53	Naphthalene Processing/Handling	---	---	---	---	---	---	---	---	Tons Produced
3-03-003-61	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
3-03-003-99	Not Classified	---	---	---	---	---	---	---	---	Tons Charged
<i><u>Coke Manufacture: Beehive Process - 3312</u></i>										
3-03-004-01	General	---	97.8	---	---	---	---	---	---	Tons Charged
<i><u>Primary Copper Smelting - 3331</u></i>										
3-03-005-02	Multiple Hearth Roaster	45	23.8	---	280	---	---	---	0.15	Tons Processed
3-03-005-03	Reverberatory Smelting Furnace after Roaster	50	13.6	---	160	---	---	---	0.072	Tons Processed
3-03-005-04	Converter (All Configurations)	36	21.2	---	740	---	---	---	0.27	Tons Processed
3-03-005-05	Fire (Furnace) Refining	---	9.2	---	---	---	---	---	---	Tons Processed
3-03-005-06	Ore Concentrate Dryer	10	4.8	---	1	---	---	---	---	Tons Processed
3-03-005-07	Reverberatory Smelting Furnace w/ Ore Charge w/o Roasting	---	13.5	---	---	---	---	---	---	Tons Processed
3-03-005-08	Refined Metal Finishing Operations	---	---	---	---	---	---	---	---	Tons Processed
3-03-005-09	Fluidized Bed Roaster	55	29.2	---	360	---	---	---	---	Tons Processed
3-03-005-10	Electric Smelting Furnace	100	58	---	240	---	---	---	---	Tons Processed
3-03-005-11	Electrolytic Refining	---	---	---	---	---	---	---	---	Tons Processed
3-03-005-12	Flash Smelting	140	83	---	820	---	---	---	---	Tons Processed



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Primary Copper Smelting - 3331</i>										
3-03-005-13	Roasting: Fugitive Emissions	2.6	1.4	---	1	---	---	---	---	Tons Processed
3-03-005-14	Reverberatory Furnace: Fugitive Emissions	0.4	0.17	---	<sup>21</sup> 4	---	---	---	---	Tons Processed
3-03-005-15	Converter: Fugitive Emissions	4.4	2.6	---	130	---	---	---	---	Tons Processed
3-03-005-16	Anode Refining Furnace: Fugitive Emissions	0.5	0.46	---	0.1	---	---	---	---	Tons Processed
3-03-005-17	Slag Cleaning Furnace: Fugitive Emissions	8	7.7	---	6	---	---	---	---	Tons Processed
3-03-005-18	Converter Slag Return: Fugitive Emissions	---	---	---	0.1	---	---	---	---	Tons Processed
3-03-005-19	Unpaved Road Traffic: Fugitive Emissions	---	---	---	---	---	---	---	---	Miles Travelled
3-03-005-21	Noranda Reactor	---	---	---	---	---	---	---	---	Tons Processed
3-03-005-22	Slag Cleaning Furnace	10	7.7	---	6	---	---	---	---	Tons Processed
3-03-005-23	Reverberatory Furnace with Converter	86	9.7	---	320	---	---	---	---	Tons Processed
3-03-005-24	AFT MHR+RF/FBR+EF	36	21.2	---	600	---	---	---	---	Tons Processed
3-03-005-25	Fluid Bed Roaster with Reverberatory Furnace and Converter	86	19.1	---	360	---	---	---	---	Tons Processed
3-03-005-26	Dryer with Electric Furnace and Cleaning Furnace and Converter	146	17.3	---	1	---	---	---	---	Tons Processed
3-03-005-27	Dryer with Flash Furnace and Converter	150	4.8	---	1	---	---	---	---	Tons Processed
3-03-005-28	Norander Reactor and Converter	---	---	---	---	---	---	---	---	Tons Processed
3-03-005-29	Multiple Hearth Roaster with Reverberatory Furnace and Converter	131	19	---	280	---	---	---	---	Tons Processed
3-03-005-30	Fluid Bed Roaster with Electric Furnace and Converter	136	19.1	---	600	---	---	---	---	Tons Processed
3-03-005-31	Reverberatory Furnace After Multiple Hearth Roaster	50	13.5	---	180	---	---	---	---	Tons Processed
3-03-005-32	Reverberatory Furnace After Fluid Bed Roaster	50	13.5	---	160	---	---	---	---	Tons Processed
3-03-005-33	Electric Furnace After Concentrate Dryer	100	58	---	240	---	---	---	---	Tons Processed
3-03-005-34	Flash Furnace After Concentrate Dryer	140	83	---	820	---	---	---	---	Tons Processed
3-03-005-35	Electric Furnace After Fluid Bed Roaster	---	58	---	---	---	---	---	---	Tons Processed
3-03-005-41	Concentrate Dryer Followed by Noranda Reactors and Converter	---	---	---	<sup>27</sup> 1	---	---	---	---	Tons Processed
3-03-005-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i>Ferrous Alloy, Open Furnace - 3313</i>										
3-03-006-01	50% FeSi: Electric Smelting Furnace	See App. C	44	---	0.07	0.1	4.5	---	0.29	Tons Produced
3-03-006-02	75% FeSi: Electric Smelting Furnace	See App. C	199	---	0.07	0.1	---	---	---	Tons Produced
3-03-006-03	90% FeSi: Electric Smelting Furnace	564	355	---	0.07	0.1	---	---	---	Tons Produced
3-03-006-04	Silicon Metal: Electric Smelting Furnace	872	750	---	0.07	0.1	71.8	---	0.0031	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Ferroalloy, Open Furnace - 3313</u></i>										
3-03-006-05	Silicomanganese: Electric Smelting Furnace	192	177	---	---	0.1	---	---	0.0057	Tons Produced
3-03-006-06	80% Ferromanganese	28	24	---	---	---	---	---	---	Tons Produced
3-03-006-07	80% Ferrochromium	157	143	---	---	---	---	---	---	Tons Produced
3-03-006-08	Raw Material Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-09	Raw Material Crushing	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-10	Ore Screening	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-11	Ore Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-13	Raw Material Storage	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-14	Raw Material Transfer	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-15	Ferromanganese: Blast Furnace	---	---	---	---	---	16	---	---	Tons Produced
3-03-006-16	Ferrosilicon: Blast Furnace	---	---	---	---	---	16	---	---	Tons Produced
3-03-006-17	Cast House	---	---	---	---	---	2.8	---	---	Tons Produced
3-03-006-18	Mix House/Weighing	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-19	Raw Material Charging	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-20	Tapping	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-21	Casting	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-22	Cooling	---	---	---	---	---	---	---	---	Tons Produced
3-03-006-23	Product Crushing	---	---	---	---	---	---	---	---	Tons Produced
3-03-006-24	Product Storage	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-25	Product Loading	---	---	---	---	---	---	---	---	Tons Processed
3-03-006-51	Sealed Furnace: Ferromanganese: Electric Arc Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-03-006-52	Sealed Furnace: Ferrochromium: Electric Arc Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-03-006-53	Sealed Furnace: Ferrochromium Silica: Electric Arc Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-03-006-54	Sealed Furnace: EAF - Other Alloys: Specify in Comment	---	---	---	---	---	---	---	---	Tons Produced
3-03-006-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Ferroalloy, Semi-covered Furnace - 3313</u></i>										
3-03-007-01	Ferromanganese: Electric Arc Furnace	See App. C	10.8	---	0.01	0.1	1.4	---	0.11	Tons Produced
3-03-007-02	Electric Arc Furnace: Other Alloys/Specify	---	---	---	---	---	---	---	---	Tons Produced
3-03-007-03	Ferrochromium: Electric Arc Furnace	---	---	---	---	---	8.2	---	---	Tons Produced
3-03-007-04	Ferrochromium Silicon: Electric Arc Furnace	---	---	---	---	---	8.2	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Iron Production (See 3-03-015 for Integrated Iron &amp; Steel MACT) - 3312</i>										
3-03-008-01	Ore Charging	---	41.8	---	---	---	---	---	---	Tons Produced
3-03-008-02	Agglomerate Charging	---	15.2	---	---	---	---	---	---	Tons Produced
3-03-008-04	Loader: Hi-Silt	0.026	0.013	---	---	---	---	---	---	Tons Transferred
3-03-008-05	Loader: Low-Silt	0.0088	0.0044	---	---	---	---	---	---	Tons Transferred
3-03-008-08	Slag Crushing and Sizing	---	---	---	---	---	---	---	---	Tons Processed
3-03-008-09	Slag Removal and Dumping	---	---	---	---	---	---	---	---	Tons Processed
3-03-008-11	Raw Material Stockpiles, Coke Breeze, Limestone, Ore Fines	---	---	---	---	---	---	---	---	Tons Produced
3-03-008-12	Raw Material Transfer/Handling	---	---	---	---	---	---	---	---	Tons Produced
3-03-008-13	Windbox	11.1	1.67	---	---	0.3	1.4	44.7	---	Tons Produced
3-03-008-14	Discharge End	6.8	1.02	---	---	---	---	---	---	Tons Produced
3-03-008-15	Sinter Breaker	---	---	---	---	---	---	---	---	Tons Produced
3-03-008-16	Hot Screening	---	---	---	---	---	---	---	---	Tons Produced
3-03-008-17	Cooler	---	0.45	---	0.14	---	---	---	---	Tons Produced
3-03-008-18	Cold Screening	---	---	---	---	---	---	---	---	Tons Produced
3-03-008-19	Sinter Process (Combined Code includes 15,16,17,18)	---	0.12	---	---	---	0.05	---	---	Tons Produced
3-03-008-20	Sinter Conveyor: Transfer Station	---	0.02	---	---	---	---	---	---	Tons Transferred
3-03-008-21	Unload Ore, Pellets, Limestone, into Blast Furnace	0.0024	0.0012	---	---	---	---	---	---	Tons Transferred
3-03-008-22	Raw Material Stockpile: Ore, Pellets, Limestone, Coke, Sinter	---	---	---	---	---	4.8	---	---	Tons Processed
3-03-008-23	Charge Materials: Transfer/Handling	---	---	---	---	---	---	---	---	Tons Processed
3-03-008-24	Blast Heating Stoves	---	---	---	---	---	0.01	---	---	Tons Processed
3-03-008-25	Cast House	0.6	0.31	---	3	0.03	2.8	---	---	Tons Processed
3-03-008-26	Blast Furnace Slips	87	33	---	---	---	---	---	---	Each Occurred
3-03-008-27	Lump Ore Unloading	0.0003	0.0002	---	---	---	---	---	---	Tons Transferred
3-03-008-28	Blast Furnace: Local Evacuation	---	---	---	---	---	---	---	---	Tons Processed
3-03-008-29	Blast Furnace: Taphole and Trough	---	---	---	---	---	---	---	---	Tons Processed
3-03-008-31	Unpaved Roads: Light Duty Vehicles	1.8	1	---	---	---	---	---	---	Miles Travelled
3-03-008-32	Unpaved Roads: Medium Duty Vehicles	7.3	4.1	---	---	---	---	---	---	Miles Travelled
3-03-008-33	Unpaved Roads: Heavy Duty Vehicles	14	7.6	---	---	---	---	---	---	Miles Travelled
3-03-008-34	Paved Roads: All Vehicle Types	0.78	0.44	---	---	---	---	---	---	Miles Travelled
3-03-008-41	Flue Dust Unloading	---	---	---	---	---	---	---	---	Tons Transferred

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Iron Production (See 3-03-015 for Integrated Iron &amp; Steel MACT) - 3312</i>										
3-03-008-42	Blended Ore Unloading	---	---	---	---	---	---	---	---	Tons Transferred
3-03-008-99	See Comment	---	---	---	---	---	---	---	---	Tons Produced
<i>Steel Manufacturing (See 3-03-015 for Integrated Iron &amp; Steel MACT) - 3312</i>										
3-03-009-01	Open Hearth Furnace: Stack	21.1	17.5	---	2.8	---	0.17	---	---	Tons Produced
3-03-009-04	Electric Arc Furnace: Alloy Steel (Stack)	11.3	6.55	---	0.07	0.2	0.35	18	---	Tons Produced
3-03-009-06	Charging: Electric Arc Furnace	---	---	---	---	---	0.001	---	---	Tons Produced
3-03-009-07	Tapping: Electric Arc Furnace	---	---	---	---	---	0.005	---	---	Tons Produced
3-03-009-08	Electric Arc Furnace: Carbon Steel (Stack)	0.00935	22.04	---	0.07	0.2	0.35	18	0 - 0.08	Footnote 37
3-03-009-10	Pickling	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-11	Soaking Pits	---	0.03	---	---	---	0.59	---	---	Tons Produced
3-03-009-12	Grinding	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-13	Basic Oxygen Furnace: Open Hood-Stack	28.5	13.1	---	---	0.08	0.001	138	---	Tons Produced
3-03-009-14	Basic Oxygen Furnace: Closed Hood-Stack	28.5	13.1	---	---	---	0.001	138	---	Tons Produced
3-03-009-15	Hot Metal (Iron) Transfer to Steelmaking Furnace	0.19	0.09	---	---	---	0.001	---	---	Tons Produced
3-03-009-16	Charging: BOF	0.6	0.34	---	---	---	0.001	---	---	Tons Produced
3-03-009-17	Tapping: BOF	0.92	0.41	---	---	0.02	0.005	---	---	Tons Produced
3-03-009-18	Charging: Open Hearth	---	---	---	---	---	0.001	---	---	Tons Produced
3-03-009-19	Tapping: Open Hearth	---	---	---	---	---	0.002	---	---	Tons Produced
3-03-009-20	Hot Metal Desulfurization	---	0.22	---	---	---	---	---	---	Tons Processed
3-03-009-21	Teeming (Unleaded Steel)	0.07	0.03	---	---	---	0.002	---	---	Tons Produced
3-03-009-22	Continuous Casting	---	---	---	---	0.05	---	---	---	Tons Produced
3-03-009-23	Steel Furnace Slag Tapping and Dumping	---	0.9	---	---	---	0.002	---	---	Tons Produced
3-03-009-24	Steel Furnace Slag Processing	---	0.29	---	---	---	---	---	---	Tons Produced
3-03-009-25	Teeming (Leaded Steel)	0.81	0.36	---	---	---	0.002	---	---	Tons Produced
3-03-009-26	Electric Induction Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-27	Steel Scrap Preheater	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-28	Argon-oxygen Decarburization	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-29	Steel Plate Burner/Torch Cutter	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-30	Q-BOP Melting and Refining	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-31	Hot Rolling	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-32	Scarfig	0.1	0.1	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Steel Manufacturing (See 3-03-015 for Integrated Iron &amp; Steel MACT) - 3312</i>										
3-03-009-33	Reheat Furnaces	---	0.08	---	---	0.8	0.01	---	---	Tons Produced
3-03-009-34	Heat Treating Furnaces: Annealing	---	---	---	---	0.1	---	---	---	Tons Produced
3-03-009-35	Cold Rolling	---	---	---	---	---	---	---	---	Tons Produced
3-03-009-36	Coating: Tin, Zinc, etc.	---	---	---	---	1.9	0.07	---	---	Tons Produced
3-03-009-98	Other Not Classified	---	---	---	---	---	---	---	---	Each Processed
3-03-009-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i>Lead Production - 3339</i>										
3-03-010-01	Sintering: Single Stream	106.5	208.7	---	275	---	---	---	105	Tons Processed
3-03-010-02	Blast Furnace Operation	180.5	321.3	---	22.5	---	---	---	0.0001	Footnote 38
3-03-010-03	Dross Reverberatory Furnace	20	19.6	---	---	---	---	---	2.9	Tons Processed
3-03-010-04	Ore Crushing	6	---	---	---	---	---	---	0.3	Tons Crushed
3-03-010-05	Materials Handling (Includes 11, 12, 13, 04, 14)	5	4.25	---	---	---	---	---	---	Tons Produced
3-03-010-06	Sintering: Dual Stream Feed End	213	181	---	550	---	---	---	174	Tons Processed
3-03-010-07	Sintering: Dual Stream Discharge End	---	---	---	---	---	---	---	---	Tons Processed
3-03-010-08	Slag Fume Furnace	4.6	1.29	---	2.9	---	---	---	---	Tons Produced
3-03-010-09	Lead Drossing	0.48	0.47	---	---	---	---	---	---	Tons Produced
3-03-010-10	Raw Material Crushing and Grinding	2.26	0.85	---	---	---	---	---	---	Tons Processed
3-03-010-11	Raw Material Unloading	---	0.34	---	---	---	---	---	---	Tons Processed
3-03-010-12	Raw Material Storage Piles	---	0.26	---	---	---	---	---	---	Tons Processed
3-03-010-13	Raw Material Transfer	---	0.43	---	---	---	---	---	---	Tons Processed
3-03-010-14	Sintering Charge Mixing	---	1.9	---	---	---	---	---	---	Tons Processed
3-03-010-15	Sinter Crushing/Screening	---	0.12	---	---	---	---	---	---	Tons Processed
3-03-010-16	Sinter Transfer	---	0.015	---	---	---	---	---	---	Tons Processed
3-03-010-17	Sinter Fines Return Handling	---	4.8	---	---	---	---	---	---	Tons Processed
3-03-010-18	Blast Furnace Charging	---	---	---	---	---	---	---	---	Tons Produced
3-03-010-19	Blast Furnace Tapping (Metal and Slag)	---	0.07	---	---	---	---	---	---	Tons Produced
3-03-010-20	Blast Furnace Lead Pouring	0.93	0.93	---	---	---	---	---	---	Tons Produced
3-03-010-21	Blast Furnace Slag Pouring	0.47	0.13	---	---	---	---	---	---	Tons Produced
3-03-010-22	Lead Refining/Silver Retort	1.8	1.76	---	---	---	---	---	---	Tons Produced
3-03-010-23	Lead Casting	0.87	0.85	---	---	---	---	---	---	Tons Produced
3-03-010-24	Reverberatory or Kettle Softening	3	2.94	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Lead Production - 3339</u></i>										
3-03-010-25	Sinter Machine Leakage	0.68	0.67	---	---	---	---	---	---	Tons Processed
3-03-010-26	Sinter Dump Area	0.01	0.0008	---	---	---	---	---	---	Tons Processed
3-03-010-27	Vacuum Distillation	---	---	---	---	---	---	---	---	Tons Produced
3-03-010-28	Tetraedrite Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-03-010-29	Sinter Machine (Weak Gas)	---	---	---	<sup>21</sup> 550	---	---	---	---	Tons Produced
3-03-010-30	Sinter Storage	---	---	---	---	---	---	---	---	Tons Processed
3-03-010-31	Speiss Pit	---	---	---	---	---	---	---	---	Tons Processed
3-03-010-32	Ore Screening	---	---	---	---	---	---	---	---	Tons Processed
3-03-010-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Molybdenum - 1061</u></i>										
3-03-011-01	Mining: General	---	---	---	---	---	---	---	---	100 Tons Mined
3-03-011-02	Milling: General	---	---	---	---	---	---	---	---	100 Tons Produced
3-03-011-99	Other Not Classified	---	---	---	---	---	---	---	---	100 Tons Produced
<i><u>Titanium - 3339, 3369, 3356, 3364</u></i>										
3-03-012-01	Chlorination	---	---	---	---	---	---	---	---	Tons Produced
3-03-012-02	Drying Titanium Sand Ore (Cyclone Exit)	0.5	0.43	---	---	---	---	---	---	Tons Processed
3-03-012-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Gold - 1041, 3341, 3339</u></i>										
3-03-013-01	General Processes	---	---	---	---	---	---	---	---	Tons Processed
3-03-013-02	Fines Crushing	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Barium Ore Processing - 3295</u></i>										
3-03-014-01	Ore Grinding	---	---	---	---	---	---	---	---	Tons Processed
3-03-014-02	Reduction Kiln	---	---	---	---	---	---	---	---	Tons Processed
3-03-014-03	Dryers/Calciners	---	---	---	---	---	---	---	---	Tons Processed
3-03-014-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Integrated Iron and Steel Manufacturing (See also 3-03-008 &amp; 3-03-009) - 3300, 3320</u></i>										
3-03-015-01	Integrated Iron and Steel Foundries	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-02	Sintering: Raw Materials Handling	---	---	---	---	---	---	---	---	Tons Processed
3-03-015-03	Sintering: Windbox	---	---	---	---	---	---	---	---	Tons Processed
3-03-015-04	Sintering: Discharge End	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Integrated Iron and Steel Manufacturing (See also 3-03-008 &amp; 3-03-009) - 3300, 3320</i>										
3-03-015-05	Sintering: Cooler	---	---	---	---	---	---	---	---	Tons Processed
3-03-015-06	Sintering: Cold Screen	---	---	---	---	---	---	---	---	Tons Processed
3-03-015-10	Blast Furnace: Slip	---	---	---	---	---	---	---	---	Each Occurred
3-03-015-11	Blast Furnace: Charging	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-12	Blast Furnace: Casting, Uncontrolled Casthouse Roof Monitor	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-13	Blast Furnace: Casting, Furnace with Local Evacuation	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-14	Blast Furnace: Taphole and Trough Only	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-18	Hot Metal Desulfurization	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-20	Basic Oxygen Furnace (BOF)	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-21	BOF, Top Blown Furnace: Charging	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-22	BOF, Top Blown Furnace: Melting and Refining	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-23	BOF, Top Blown Furnace: Tapping	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-24	BOF, Top Blown Furnace: Hot Metal Transfer	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-30	QBOP: Melting and Refining	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-40	Electric Arc Furnace (EAF): Charging	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-41	EAF: Melting and Refining	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-42	EAF: Tapping	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-43	EAF: Slagging	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-50	Open Hearth Furnace: Charging	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-51	Open Hearth Furnace: Melting and Refining	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-52	Open Hearth Furnace: Tapping	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-53	Open Hearth Furnace: Hot Metal Transfer	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-54	Open Hearth Furnace: Slagging	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-60	Teeming: Leaded Steel	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-61	Teeming: Unleaded Steel	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-70	Machine Scarfing	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-71	Manual Scarfing	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-80	Miscellaneous Combustion Sources	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-81	Miscellaneous Combustion Sources: Blast Furnace Stoves	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-82	Miscellaneous Combustion Sources: Boilers	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-83	Miscellaneous Combustion Sources: Soaking Pits	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Integrated Iron and Steel Manufacturing (See also 3-03-008 &amp; 3-03-009) - 3300, 3320</i>										
3-03-015-84	Miscellaneous Combustion Sources: Reheat Furnaces	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-90	Open Dust Sources	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-91	Continuous Drop: Conveyor Transfer Station	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-92	Pile Formation Stacker: Pellet Ore	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-93	Pile Formation Stacker: Lump Ore	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-94	Pile Formation Stacker: Coal	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-95	Batch Drops Front End Loader Truck: High Silt Slag	---	---	---	---	---	---	---	---	Tons Produced
3-03-015-96	Batch Drops Front End Loader Truck: Low Silt Slag	---	---	---	---	---	---	---	---	Tons Produced
<i>Taconite Iron Ore Processing - 1011</i>										
3-03-023-01	Primary Crushing	0.2	---	---	---	---	---	---	---	Tons Produced
3-03-023-02	Tertiary Crusher	79.8	---	---	---	---	---	---	---	Tons Produced
3-03-023-03	Ore Screening	---	---	---	---	---	---	---	---	Tons Screened
3-03-023-04	Ore Transfer	0.1	0.085	---	---	---	---	---	---	Tons Produced
3-03-023-05	Ore Storage	---	---	---	---	---	---	---	---	Tons Stored
3-03-023-06	Dry Grinding/Milling	---	---	---	---	---	---	---	---	Tons Ground
3-03-023-07	Bentonite Storage	---	---	---	---	---	---	---	---	Tons Stored
3-03-023-08	Bentonite Blending	19	---	---	---	---	---	---	---	Tons Stored
3-03-023-09	Traveling Grate Feed (use 3-03-023-79)	0.64	---	---	---	---	---	---	---	Tons Produced
3-03-023-10	Traveling Grate Discharge (use 3-03-023-80)	1.32	---	---	---	---	---	---	---	Tons Produced
3-03-023-11	Chip Regrinding	---	---	---	---	---	---	---	---	Tons Reground
3-03-023-12	Indurating Furnace: Gas Fired (see 3-03-023-51 thru -88)	29.2	24.8	---	---	---	---	---	---	Tons Produced
3-03-023-13	Indurating Furnace: Oil Fired (see 3-03-023-51 thru -88)	29.2	24.8	---	---	---	---	---	---	Tons Produced
3-03-023-14	Indurating Furnace: Coal Fired (see 3-03-023-51 thru -88)	29.2	24.8	---	---	---	---	---	---	Tons Produced
3-03-023-15	Pellet Cooler	0.12	---	---	---	---	---	---	---	Tons Produced
3-03-023-16	Pellet Transfer to Storage	3.4	1.5	---	---	---	---	---	---	Tons Produced
3-03-023-17	Magnetic Separation	---	---	---	---	---	---	---	---	Tons Fed
3-03-023-18	Non-magnetic Separation	---	---	---	---	---	---	---	---	Tons Fed
3-03-023-19	Kiln (see 3-03-023-51 thru -88)	---	---	---	---	---	---	---	---	Tons Processed
3-03-023-20	Conveyors, Transfer, and Loading (see 3-03-023-51 thru -88)	---	---	---	---	---	---	---	---	Tons Processed
3-03-023-21	Haul Road: Rock	11	6.2	---	---	---	---	---	---	Miles Travelled



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Taconite Iron Ore Processing - 1011</i>										
3-03-023-22	Haul Road: Taconite	9.3	5.2	---	---	---	---	---	---	Miles Travelled
3-03-023-25	Primary Crusher Return Conveyor Transfer	---	---	---	---	---	---	---	---	Tons Transferred
3-03-023-27	Secondary Crushing Line (includes Feed & Discharge Pts)	---	---	---	---	---	---	---	---	Tons Crushed
3-03-023-28	Secondary Crusher Return Conveyor Transfer	---	---	---	---	---	---	---	---	Tons Transferred
3-03-023-30	Tertiary Crushing Line (includes Feed & Discharge Pts)	---	---	---	---	---	---	---	---	Tons Crushed
3-03-023-31	Tertiary Crushing Line Discharge Conveyor	---	---	---	---	---	---	---	---	Tons Transferred
3-03-023-34	Grinder Feed	---	---	---	---	---	---	---	---	Tons Ground
3-03-023-36	Classification	---	---	---	---	---	---	---	---	Tons Fed
3-03-023-38	Secondary Grinding	---	---	---	---	---	---	---	---	Tons Ground
3-03-023-40	Tailings Basin	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-41	Conveyor Transfer to Concentrator	---	---	---	---	---	---	---	---	Tons Transferred
3-03-023-44	Concentrate Storage	---	---	---	---	---	---	---	---	Tons Stored
3-03-023-45	Bentonite Transfer to Blending	3.2	---	---	---	---	---	---	---	Tons Transferred
3-03-023-47	Green Pellet Screening	---	---	---	---	---	---	---	---	Tons Fed
3-03-023-48	Hearth Layer Feed to Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-49	Grate/Kiln Furnace Feed	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-50	Grate/Kiln Furnace Discharge	0.82	---	0.00035	---	---	---	---	---	Tons Produced
3-03-023-51	Induration: Grate/Kiln, Gas-fired, Acid Pellets	7.4	0.63	0.022	<sup>21</sup> 0.29	1.5	See App. C	0.014	---	Tons Produced
3-03-023-52	Induration: Grate/Kiln, Gas-fired, Flux Pellets	7.4	0.63	0.022	---	<sup>27</sup> 1.5	See App. C	<sup>27</sup> 0.1	---	Tons Produced
3-03-023-53	Induration: Grate/Kiln, Gas & Oil-fired, Acid Pellets	---	---	0.04	---	---	---	---	---	Tons Produced
3-03-023-54	Induration: Grate/Kiln, Gas & Oil-fired, Flux Pellets	---	---	0.04	---	---	---	---	---	Tons Produced
3-03-023-55	Induration: Grate/Kiln, Coke-fired, Acid Pellets	---	---	---	<sup>21</sup> 1.9	---	---	---	---	Tons Produced
3-03-023-56	Induration: Grate/Kiln, Coke-fired, Flux Pellets	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-57	Induration: Grate/Kiln, Coke & Coal-fired, Acid Pellets	---	---	---	<sup>21</sup> 2.3	---	---	---	---	Tons Produced
3-03-023-58	Induration: Grate/Kiln, Coke & Coal-fired, Flux Pellets	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-59	Induration: Grate/Kiln, Coal-fired, Acid Pellets	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-60	Induration: Grate/Kiln, Coal-fired, Flux Pellets	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-61	Induration: Grate/Kiln, Coal & Oil-fired, Acid Pellets	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-62	Induration: Grate/Kiln, Coal & Oil-fired, Flux Pellets	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-69	Vertical Shaft Furnace Feed	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-70	Vertical Shaft Furnace Discharge	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Taconite Iron Ore Processing - 1011</u></i>										
3-03-023-71	Induration: Vertical Shaft, Gas-fired, Acid Pellets, Top Gas Stack	16	---	---	---	0.2	0.013	0.077	---	Tons Produced
3-03-023-72	Induration: Vertical Shaft, Gas-fired, Flux Pellets, Top Gas Stack	16	---	---	---	---	0.013	---	---	Tons Produced
3-03-023-73	Induration: Vertical Shaft, Gas-fired, Acid Pellets, Bottom Gas Stack	---	---	---	---	---	0.046	---	---	Tons Produced
3-03-023-74	Induration: Vertical Shaft, Gas-fired, Flux Pellets, Bottom Gas Stack	---	---	---	---	---	0.046	---	---	Tons Produced
3-03-023-79	Straight Grate Furnace Feed	0.63	---	---	---	---	---	---	---	Tons Produced
3-03-023-80	Straight Grate Furnace Discharge	1.4	---	---	---	---	---	---	---	Tons Produced
3-03-023-81	Induration: Straight Grate, Gas-fired, Acid Pellets	---	---	---	---	---	---	0.039	---	Tons Produced
3-03-023-82	Induration: Straight Grate, Gas-fired, Flux Pellets	---	---	---	---	2.5	---	---	---	Tons Produced
3-03-023-83	Induration: Straight Grate, Oil-fired, Acid Pellets	1.2	---	---	---	---	---	---	---	Tons Produced
3-03-023-84	Induration: Straight Grate, Oil-fired, Flux Pellets	1.2	---	---	---	---	---	---	---	Tons Produced
3-03-023-85	Induration: Straight Grate, Coke-fired, Acid Pellets	---	---	---	---	---	---	<sup>27</sup> 0.039	---	Tons Produced
3-03-023-86	Induration: Straight Grate, Coke-fired, Flux Pellets	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-87	Induration: Straight Grate, Coke & Gas-fired, Acid Pellets	---	---	---	---	0.44	---	0.15	---	Tons Produced
3-03-023-88	Induration: Straight Grate, Coke & Gas-fired, Flux Pellets	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-93	Hearth Layer Screen	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-95	Pellet Screen	10	---	---	---	---	---	---	---	Tons Produced
3-03-023-96	Pellet Storage Bin Loading	3.7	---	---	---	---	---	---	---	Tons Produced
3-03-023-97	Secondary Storage Bin Loading	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-98	Tertiary Storage Bin Loading	---	---	---	---	---	---	---	---	Tons Produced
3-03-023-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Metal Mining (General Processes) - 1011, 1099</u></i>										
3-03-024-01	Primary Crushing: Low Moisture Ore	0.5	0.05	---	---	---	---	---	---	Tons Processed
3-03-024-02	Secondary Crushing: Low Moisture Ore	1.2	0.1	---	---	---	---	---	---	Tons Processed
3-03-024-03	Tertiary Crushing: Low Moisture Ore	2.7	0.16	---	---	---	---	---	---	Tons Processed
3-03-024-04	Material Handling: Low Moisture Ore	See App. C	0.06	---	---	---	---	---	---	Tons Processed
3-03-024-05	Primary Crushing: High Moisture Ore	0.02	0.009	---	---	---	---	---	---	Tons Processed
3-03-024-06	Secondary Crushing: High Moisture Ore	0.05	0.02	---	---	---	---	---	---	Tons Processed
3-03-024-07	Tertiary Crushing: High Moisture Ore	0.06	0.02	---	---	---	---	---	---	Tons Processed
3-03-024-08	Material Handling: High Moisture Ore	0.01	0.004	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Metal Mining (General Processes) - 1011, 1099</i>										
3-03-024-09	Dry Grinding with Air Conveying	28.8	26	---	---	---	---	---	---	Tons Processed
3-03-024-10	Dry Grinding without Air Conveying	2.4	0.31	---	---	---	---	---	---	Tons Processed
3-03-024-11	Ore Drying	19.7	12	---	---	1.6	0.004	---	---	Tons Processed
<i>Zinc Production - 3339</i>										
3-03-030-02	Multiple Hearth Roaster	227	159	---	---	---	---	---	---	Tons Processed
3-03-030-03	Sinter Strand	125	89	---	0.64	---	---	---	---	Tons Processed
3-03-030-05	Vertical Retort/Electrothermal Furnace	14.3	93	---	1.13	---	---	---	---	Tons Processed
3-03-030-06	Electrolytic Processor	6.6	3	---	---	---	---	---	---	Tons Processed
3-03-030-07	Flash Roaster	2000	1840	---	404.4	---	---	---	---	Tons Processed
3-03-030-08	Fluid Bed Roaster	2167	1994	---	223.5	---	---	---	---	Tons Processed
3-03-030-09	Raw Material Handling and Transfer	---	3.4	---	---	---	---	---	---	Tons Processed
3-03-030-10	Sinter Breaking and Cooling	---	1.3	---	---	---	---	---	---	Tons Processed
3-03-030-11	Zinc Casting	1.35	2.1	---	---	---	---	---	---	Tons Produced
3-03-030-12	Raw Material Unloading	0.4	0.23	---	---	---	---	---	0.13	Tons Processed
3-03-030-13	Suspension Roaster	---	---	---	---	---	---	---	---	Tons Processed
3-03-030-14	Crushing/Screening	---	---	---	---	---	---	---	---	Tons Processed
3-03-030-15	Zinc Melting	---	---	---	---	---	---	---	---	Tons Processed
3-03-030-16	Alloying	---	---	---	---	---	---	---	---	Tons Processed
3-03-030-17	Leaching	---	---	---	---	---	---	---	---	Tons Produced
3-03-030-18	Purification	---	---	---	---	---	---	---	---	Tons Produced
3-03-030-19	Sinter Plant Wind Box	---	---	---	---	---	---	---	---	Tons Produced
3-03-030-20	Sinter Plant Discharge and Screens	---	---	---	---	---	---	---	---	Tons Produced
3-03-030-21	Retort Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-03-030-22	Flue Dust Handling	---	---	---	---	---	---	---	---	Tons Produced
3-03-030-23	Dross Handling	---	---	---	---	---	---	---	---	Tons Produced
3-03-030-24	Roasting: Fugitive Emissions	---	---	---	---	---	---	---	---	Tons Produced
3-03-030-25	Sinter Plant, Wind Box: Fugitive Emissions	0.24 - 1.1	---	---	---	---	---	---	---	Tons Produced
3-03-030-26	Sinter Plant, Discharge Screens: Fugitive Emissions	0.56 - 2.44	---	---	---	---	---	---	---	Tons Produced
3-03-030-27	Retort Building: Fugitive Emissions	2 - 4	---	---	---	---	---	---	---	Tons Produced
3-03-030-28	Casting: Fugitive Emissions	2.52	---	---	---	---	---	---	---	Tons Produced
3-03-030-29	Electric Retort	20	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Zinc Production - 3339</u>										
3-03-030-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Leadbearing Ore Crushing and Grinding - 3300, 3330, 3339, 3369</u>										
3-03-031-01	Lead Ore w/ 5.1% Lead Content	6	---	---	---	---	---	---	0.3	Tons Processed
3-03-031-02	Zinc Ore w/ 0.2% Lead Content	6	---	---	---	---	---	---	0.012	Tons Processed
3-03-031-03	Copper Ore w/ 0.2% Lead Content	6.4	---	---	---	---	---	---	0.012	Tons Processed
3-03-031-04	Lead-Zinc Ore w/ 2% Lead Content	6	---	---	---	---	---	---	0.12	Tons Processed
3-03-031-05	Copper-Lead Ore w/ 2% Lead Content	6.4	---	---	---	---	---	---	0.12	Tons Processed
3-03-031-06	Copper-Zinc Ore w/ 0.2% Lead Content	6.4	---	---	---	---	---	---	0.012	Tons Processed
3-03-031-07	Copper-Lead-Zinc w/ 2% Lead Content	6.4	---	---	---	---	---	---	0.12	Tons Processed
<u>Alumina Processing - Bayer Process - 3300</u>										
3-03-040-01	Bayer Process	---	---	---	---	---	---	---	---	Tons Processed
3-03-040-10	Ore Crushing/Grinding	---	---	---	---	---	---	---	---	Tons Produced
3-03-040-11	Mixer	---	---	---	---	---	---	---	---	Tons Produced
3-03-040-12	Digester	---	---	---	---	---	---	---	---	Tons Produced
3-03-040-13	Filter/Wash	---	---	---	---	---	---	---	---	Tons Produced
3-03-040-14	Hydrolization/Cooling	---	---	---	---	---	---	---	---	Tons Produced
3-03-040-15	Precipitate Filtering/Washing	---	---	---	---	---	---	---	---	Tons Produced
3-03-040-16	Calcination/Heating	---	---	---	---	---	---	---	---	Tons Produced
3-03-040-17	Cooling of Alumina	---	---	---	---	---	---	---	---	Tons Produced
<u>Equipment Leaks - 3300</u>										
3-03-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 3300</u>										
3-03-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-03-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 3300</u>										
3-03-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fugitive Emissions - 1000, 3300</u>										
3-03-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-03-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-03-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fugitive Emissions - 1000, 3300</u></i>										
3-03-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-03-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Fuel Fired Equipment - 1000, 3300</u></i>										
3-03-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-03-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-03-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-03-900-04	Process Gas: Process Heaters	---	---	---	---	---	2.8	---	---	Million Cubic Feet Burned
3-03-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.34	---	---	1000 Gallons Burned
3-03-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-03-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-03-900-14	Process Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-03-900-21	Distillate Oil (No. 2): Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-03-900-22	Residual Oil: Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-03-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-03-900-24	Process Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
<i><u>Other Not Classified - 1000, 3300</u></i>										
3-03-999-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>INDUSTRIAL PROCESSES -Secondary Metal Production</u></i>										
<i><u>Aluminum - 3341, 3353, 3354, 3355, 3363, 3365</u></i>										
3-04-001-01	Sweating Furnace	14.5	13.3	---	0.02	---	---	---	---	Footnote 39
3-04-001-02	Smelting Furnace/Crucible	1.9	1.7	---	---	---	---	---	---	Footnote 39
3-04-001-03	Smelting Furnace/Reverberatory	4.3	2.6	---	---	---	0.2	---	---	Footnote 39
3-04-001-04	Fluxing: Chlorination	1000	532	---	---	---	---	---	---	Tons Processed
3-04-001-05	Fluxing: Fluoridation	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-06	Degassing	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-07	Hot Dross Processing	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-08	Crushing/Screening	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-09	Burning/Drying	---	---	---	2.9	0.9	---	---	---	Tons Produced
3-04-001-10	Foil Rolling	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-11	Foil Converting	---	---	---	---	---	2.4	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Aluminum - 3341, 3353, 3354, 3355, 3363, 3365</u>										
3-04-001-12	Annealing Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-13	Slab Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-14	Pouring/Casting	---	---	---	0.02	0.01	0.14	---	---	Tons Charged
3-04-001-15	Sweating Furnace: Grate	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-16	Dry Milling Dross	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-17	Wet Milling Dross	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-18	Leaching	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-20	Can Manufacture	---	---	---	---	0.7	---	---	---	Tons Produced
3-04-001-21	Roasting	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-30	Damagging	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-31	Raw Material Charging	---	---	---	---	---	---	---	---	Tons Charged
3-04-001-32	Raw Material Storage	---	---	---	---	---	---	---	---	Tons Stored
3-04-001-33	Tapping	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-50	Rolling/Drawing/Extruding	---	---	---	---	---	---	---	---	Tons Produced
3-04-001-60	Material Handling	---	---	---	---	---	---	---	---	Tons Processed
3-04-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Copper - 3341, 3364, 3366, 3369</u>										
3-04-002-04	Electric Induction Furnace	20	---	---	---	---	---	---	---	Tons Fed
3-04-002-07	Scrap Dryer (Rotary)	---	253	---	---	---	---	---	---	Tons Fed
3-04-002-08	Wire Burning: Incinerator	---	253	---	12.8	---	0.6	---	---	Tons Fed
3-04-002-09	Sweating Furnace	---	---	---	---	---	---	---	---	Tons Fed
3-04-002-10	Charge with Scrap Copper: Cupolas	0.0003	0.00027	---	---	---	0.18	---	---	Tons Fed
3-04-002-11	Charge with Insulated Copper Wire: Cupolas	230	211.6	---	---	---	0.6	---	---	Footnote 40
3-04-002-12	Charge with Scrap Copper And Brass: Cupolas	70	64.4	---	---	---	0.18	---	---	Tons Fed
3-04-002-13	Charge with Scrap Iron: Cupolas	---	---	---	---	---	---	---	---	Tons Processed
3-04-002-14	Charge with Copper: Reverberatory Furnace	5.1	5.1	---	---	---	0.2	---	---	Tons Fed
3-04-002-15	Charge with Brass and Bronze: Reverberatory Furnace	36	21.2	---	---	---	0.2	---	---	Tons Fed
3-04-002-16	Charge with Copper: Rotary Furnace	---	---	---	---	---	---	---	---	Tons Fed
3-04-002-17	Charge with Brass and Bronze: Rotary Furnace	300	177	---	---	---	2.4	---	---	Tons Fed
3-04-002-18	Charge with Copper: Crucible and Pot Furnace	---	---	---	---	---	---	---	---	Tons Fed
3-04-002-19	Charge with Brass and Bronze: Crucible and Pot Furnace	21	12.4	---	0.5	---	---	---	---	Tons Fed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Copper - 3341, 3364, 3366, 3369</u>										
3-04-002-20	Charge with Copper: Electric Arc Furnace	5	5	---	---	---	---	---	---	Tons Fed
3-04-002-21	Charge with Brass and Bronze: Electric Arc Furnace	11	6.5	---	---	---	---	---	---	Tons Fed
3-04-002-23	Charge with Copper: Electric Induction	7	7	---	---	---	---	---	---	Tons Fed
3-04-002-24	Charge with Brass and Bronze: Electric Induction	20	20	---	---	---	---	---	---	Tons Fed
3-04-002-30	Scrap Metal Pretreatment	---	---	---	---	---	---	---	---	Tons Fed
3-04-002-31	Scrap Dryer	---	8.2	---	---	---	---	---	---	Tons Fed
3-04-002-32	Wire Incinerator	---	8.2	---	---	---	---	---	---	Tons Fed
3-04-002-33	Sweating Furnace	---	0.45	---	---	---	---	---	---	Tons Fed
3-04-002-34	Cupola Furnace	---	2.2	---	---	---	---	---	---	Tons Fed
3-04-002-35	Reverberatory Furnace	---	3.1	---	---	---	---	---	---	Tons Fed
3-04-002-36	Rotary Furnace	---	2.6	---	---	---	---	---	---	Tons Fed
3-04-002-37	Crucible Furnace	---	0.29	---	---	---	---	---	---	Tons Fed
3-04-002-38	Electric Induction Furnace	---	0.04	---	---	---	---	---	---	Tons Fed
3-04-002-39	Casting Operations	---	0.015	---	---	---	---	---	---	Tons Produced
3-04-002-40	Charge with Copper: Holding Furnace	---	---	---	---	---	---	---	---	Tons Fed
3-04-002-41	Charge with Copper: Holding Furnace	---	---	---	---	---	---	---	---	Tons Fed
3-04-002-42	Charge with Other Alloy (7%): Reverberatory Furnace	---	---	---	---	---	---	---	5	Tons Produced
3-04-002-43	Charge with High Lead Alloy (58%): Reverberatory Furnace	---	---	---	---	---	---	---	50	Tons Produced
3-04-002-44	Charge with Red/Yellow Brass: Reverberatory Furnace	---	---	---	---	---	---	---	13.2	Tons Produced
3-04-002-50	Charge with Copper: Converter	---	---	---	---	---	---	---	---	Tons Fed
3-04-002-51	Charge with Brass and Bronze: Converter	---	---	---	---	---	---	---	---	Tons Fed
3-04-002-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Grey Iron Foundries - 3321</u>										
3-04-003-01	Cupola	See App. C	12.4	---	1.25	0.1	0.18	145	0.1 - 1.1	Footnote 41
3-04-003-02	Reverberatory Furnace	2.1	1.7	---	---	5.8	0.15	---	0.012 - 0.14	Footnote 42
3-04-003-03	Electric Induction Furnace	0.9	0.86	---	---	---	---	---	0.009 - 0.1	Footnote 42
3-04-003-04	Electric Arc Furnace	12.7	11.6	---	0.24	0.04 - 0.6	0.06 - 0.3	1 - 37	0.17	Footnote 43
3-04-003-05	Annealing Operation	---	---	---	---	1	0.1	---	---	Tons Processed
3-04-003-10	Inoculation	4	---	---	---	---	0.005	---	---	Tons Inoculated
3-04-003-14	Scrap Metal Preheating	---	---	---	---	---	---	---	---	Tons Processed
3-04-003-15	Charge Handling	0.6	0.36	---	---	---	---	---	---	Tons Charged

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Grey Iron Foundries - 3321</i>										
3-04-003-16	Tapping	---	---	---	---	---	---	---	---	Tons Produced
3-04-003-17	Pouring Ladle	---	---	---	---	---	---	---	---	Tons Charged
3-04-003-18	Pouring, Cooling	---	2.06	---	---	---	---	---	---	Tons Produced
3-04-003-19	Core Making, Baking	---	---	---	---	---	---	---	---	Tons Produced
3-04-003-20	Pouring/Casting	4.2	2.06	---	0.02	0.01	0.14	---	---	Tons Charged
3-04-003-21	Magnesium Treatment	---	---	---	---	---	---	---	---	Tons Produced
3-04-003-22	Refining	---	---	---	---	---	---	---	---	Tons Produced
3-04-003-25	Castings Cooling	---	1.4	---	---	---	---	---	---	Tons Charged
3-04-003-30	Miscellaneous Casting-Fabricating	---	---	---	---	---	---	---	---	Tons Processed
3-04-003-31	Casting Shakeout	3.2	2.24	---	---	---	1.2	---	---	Footnote 44
3-04-003-32	Casting Knock Out	---	---	---	---	---	1.2	---	---	Tons Handled
3-04-003-33	Shakeout Machine	---	---	---	---	---	1.2	---	---	Tons Handled
3-04-003-40	Grinding/Cleaning	17	1.7	---	---	---	---	---	---	Tons Charged
3-04-003-41	Casting Cleaning/Tumblers	---	---	---	---	---	---	---	---	Tons Cleaned
3-04-003-42	Casting Cleaning/Chippers	---	---	---	---	---	---	---	---	Tons Cleaned
3-04-003-50	Sand Grinding/Handling	---	0.54	---	---	---	---	---	---	Tons Handled
3-04-003-51	Core Ovens	---	2.22	---	0.038	0.5	---	---	---	Tons Handled
3-04-003-52	Sand Grinding/Handling	---	6	---	---	---	---	---	---	Tons Charged
3-04-003-53	Core Ovens	---	0.9	---	---	0.5	---	---	---	Tons Charged
3-04-003-54	Core Ovens	---	---	---	---	0.5	---	---	---	Gallons Used
3-04-003-55	Sand Dryer	---	---	---	---	---	---	---	---	Tons Handled
3-04-003-56	Sand Silo	---	---	---	---	---	---	---	---	Tons Handled
3-04-003-57	Conveyors/Elevators	---	---	---	---	---	---	---	---	Tons Handled
3-04-003-58	Sand Screens	---	---	---	---	---	---	---	---	Tons Handled
3-04-003-60	Castings Finishing	---	0.0045	---	---	---	---	---	---	Tons Charged
3-04-003-70	Shell Core Machine	---	---	---	0.32	0.5	---	---	---	Tons Produced
3-04-003-71	Core Machines/Other	---	---	---	---	0.5	---	---	---	Tons Produced
3-04-003-98	Other Not Classified	1.494	---	---	<sup>21</sup> 0.063	---	---	---	---	Tons Processed
3-04-003-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Charged
<i>Lead - 3341, 3364</i>										
3-04-004-01	Pot Furnace	---	0.2	---	---	---	---	---	---	Tons Charged



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Lead - 3341, 3364</i>										
3-04-004-02	Reverberatory Furnace	323	193.8	---	80	0.3	---	---	65	Footnote 45
3-04-004-03	Blast Furnace (Cupola)	307	129	---	53	0.1	---	18	104	Footnote 46
3-04-004-04	Rotary Sweating Furnace	32 - 70	64	---	---	---	---	---	7 - 16	Footnote 47
3-04-004-05	Reverberatory Sweating Furnace	51	31	---	---	---	---	---	---	Tons Charged
3-04-004-06	Pot Furnace Heater: Distillate Oil	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-04-004-07	Pot Furnace Heater: Natural Gas	---	---	---	0.6	100	2.8	---	---	Million Cubic Feet Burned
3-04-004-08	Barton Process Reactor (Oxidation Kettle)	< 40	40	---	---	---	---	---	0.44	Tons Produced
3-04-004-09	Casting	0.04	0.87	---	---	---	---	---	0.01	Tons Cast
3-04-004-10	Battery Breaking	---	---	---	---	---	---	---	---	Tons Charged
3-04-004-11	Scrap Crushing	---	---	---	---	---	---	---	---	Tons Charged
3-04-004-12	Sweating Furnace: Fugitive Emissions	1.6 - 3.5	2.35	---	---	---	---	---	0.4 - 1.8	Tons Charged
3-04-004-13	Smelting Furnace: Fugitive Emissions	8.6 - 24.2	10	---	---	---	---	---	0.2 - 0.6	Footnote 48
3-04-004-14	Kettle Refining: Fugitive Emissions	0.002	0.002	---	---	---	---	---	0.0006	Footnote 48
3-04-004-15	Agglomeration Furnace	---	---	---	---	---	---	---	---	Tons Processed
3-04-004-16	Furnace Charging	---	---	---	---	---	---	---	---	Tons Produced
3-04-004-17	Furnace Lead/Slagtapping	---	---	---	---	---	---	---	---	Tons Produced
3-04-004-18	Electric Furnace	---	---	---	---	---	---	---	---	Tons Charged
3-04-004-19	Raw Material Dryer	---	---	---	---	---	---	---	---	Tons Charged
3-04-004-20	Raw Material Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-04-004-21	Raw Material Transfer/Conveying	---	---	---	---	---	---	---	---	Tons Processed
3-04-004-22	Raw Material Storage Pile	---	---	---	---	---	---	---	---	Tons Processed
3-04-004-23	Slag Breaking	---	---	---	---	---	---	---	---	Tons Processed
3-04-004-24	Size Separation	---	---	---	---	---	---	---	---	Tons Processed
3-04-004-25	Casting: Fugitive Emissions	0.002	---	---	---	---	---	---	0.0007	Tons Produced
3-04-004-26	Kettle Refining	0.03	---	---	---	---	---	---	0.01	Tons Produced
3-04-004-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i>Lead Battery Manufacture - 3691</i>										
3-04-005-01	Overall Process	0.9	---	---	---	---	---	---	1.177	Tons Produced
3-04-005-02	Casting Furnace	0.04	---	---	---	---	---	---	0.059	Tons Produced
3-04-005-03	Paste Mixer	0.21	---	---	---	---	---	---	0.192	Tons Produced
3-04-005-04	Three Process Operation	0.64	---	---	---	---	---	---	0.815	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Lead Battery Manufacture - 3691</i>										
3-04-005-05	Overall Process	125 - 139	125	---	---	---	---	---	15.3 - 17.7	1000 Each Produced
3-04-005-06	Grid Casting	1.8 - 3.13	2.84	---	---	---	---	---	0.77 - 0.9	1000 Each Produced
3-04-005-07	Paste Mixing	2.2 - 4.32	4.32	---	---	---	---	---	1.1 - 2.49	1000 Each Produced
3-04-005-08	Lead Oxide Mill (Baghouse Outlet)	0.11	0.08	---	---	---	---	---	0.11	1000 Each Produced
3-04-005-09	Three Process Operation	29.2 - 92.6	84	---	---	---	---	---	10.6 - 14.6	1000 Each Produced
3-04-005-10	Lead Reclaiming Furnace	1.54 - 6.68	1.67	---	---	---	---	---	0.77 - 1.38	1000 Each Produced
3-04-005-11	Small Parts Casting	0.19	0.19	---	---	---	---	---	0.1	1000 Each Produced
3-04-005-12	Formation	32.1 - 32.4	32.4	---	---	---	---	---	---	1000 Each Produced
3-04-005-13	Barton Process: Oxidation Kettle	---	---	---	---	---	---	---	---	Tons Processed
3-04-005-21	Overall Process	---	---	---	---	---	---	---	---	Tons Processed
3-04-005-22	Grid Casting	---	---	---	---	---	---	---	0.139	Tons Processed
3-04-005-23	Paste Mixing	---	---	---	---	---	---	---	1.72	Tons Processed
3-04-005-24	Lead Oxide Mill (Baghouse Outlet)	---	---	---	---	---	---	---	---	Tons Processed
3-04-005-25	Three Process Operation	---	---	---	---	---	---	---	---	Tons Processed
3-04-005-26	Lead Reclaiming Furnace	---	---	---	---	---	---	---	5.9	Tons Processed
3-04-005-27	Small Parts Casting	---	---	---	---	---	---	---	---	Tons Processed
3-04-005-28	Formation	---	---	---	---	---	---	---	---	Tons Processed
3-04-005-29	Grid Cast/Paste Mix: Combined Operation	---	---	---	---	---	---	---	---	1000 Each Produced
3-04-005-30	Paste Mix/Lead Charge: Combined Operation	---	---	---	---	---	---	---	---	1000 Each Produced
3-04-005-31	Wash and Paint	---	---	---	---	---	---	---	---	1000 Each Produced
3-04-005-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i>Magnesium - 3341</i>										
3-04-006-01	Pot Furnace	4	3.7	---	---	2.5	2.4	---	---	Tons Processed
3-04-006-02	Dow Seawater Process	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-05	Dow Seawater Process: Neutralization Tank	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-06	Dow Seawater Process: HCl Absorbers	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-07	Dow Seawater Process: Evaporator	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-08	Dow Seawater Process: Filtering/Concentration	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-09	Dow Seawater Process: Shelf Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-10	Dow Seawater Process: Rotary Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-11	Dow Seawater Process: Prilling	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Magnesium - 3341</i>										
3-04-006-12	Dow Seawater Process: Granule Storage Tanks	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-13	Dow Seawater Process: Electrolysis	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-14	Dow Seawater Process: Regenerative Furnaces	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-30	Natural Lead Industrial (NLI) Brine Process	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-35	NLI Brine Process: MgCl2 Melt/Purification	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-36	NLI Brine Process: 2nd Vessel, Further Purification	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-37	NLI Brine Process: Electrolysis	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-50	American Magnesium Process	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-55	American Magnesium Process: Purification II	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-56	American Magnesium Process: Electrolysis	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-60	American Magnesium Process: Chlorine Recovery	---	---	---	---	---	---	---	---	Tons Produced
3-04-006-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i>Steel Foundries - 3324, 3325</i>										
3-04-007-01	Electric Arc Furnace	13	---	---	0.24	0.2	0.35	---	---	Tons Processed
3-04-007-02	Open Hearth Furnace	11	---	---	---	0.01	0.17	---	---	Tons Processed
3-04-007-03	Open Hearth Furnace with Oxygen Lance	10	8.5	---	---	---	0.17	---	---	Tons Processed
3-04-007-04	Heat Treating Furnace	---	---	---	277.3	80.7	0.6	---	---	Tons Processed
3-04-007-05	Electric Induction Furnace	0.01	0.09	---	---	---	---	---	---	Tons Processed
3-04-007-06	Sand Grinding/Handling	---	0.54	---	---	---	---	---	---	Tons Processed
3-04-007-07	Core Ovens	---	2.22	---	---	---	---	---	---	Tons Processed
3-04-007-08	Pouring/Casting	2.8	2.8	---	0.02	0.01	0.14	---	---	Tons Processed
3-04-007-09	Casting Shakeout	---	26.2	---	---	---	1.2	---	---	Tons Processed
3-04-007-10	Casting Knock Out	---	---	---	---	---	1.2	---	---	Tons Handled
3-04-007-11	Cleaning	---	1.7	---	---	---	---	---	---	Tons Processed
3-04-007-12	Charge Handling	---	0.36	---	---	---	---	---	---	Tons Processed
3-04-007-13	Castings Cooling	1.4	1.4	---	---	---	---	---	---	Tons Processed
3-04-007-14	Shakeout Machine	---	---	---	---	---	1.2	---	---	Tons Handled
3-04-007-15	Finishing	---	0.0045	---	47.66	---	1.1	---	---	Tons Processed
3-04-007-16	Sand Grinding/Handling	---	6	---	---	---	---	---	---	Tons Processed
3-04-007-17	Core Ovens	---	0.9	---	---	0.5	---	---	---	Tons Processed
3-04-007-18	Core Ovens	---	---	---	---	0.5	---	---	---	Gallons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Steel Foundries - 3324, 3325</u>										
3-04-007-20	Sand Dryer	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-21	Sand Silo	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-22	Muller	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-23	Conveyors/Elevators	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-24	Sand Screens	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-25	Casting Cleaning/Tumblers	---	---	---	---	---	---	---	---	Tons Cleaned
3-04-007-26	Casting Cleaning/Chippers	---	---	---	---	---	---	---	---	Tons Cleaned
3-04-007-30	Shell Core Machine	---	---	---	---	0.5	---	---	---	Tons Produced
3-04-007-31	Core Machines/Other	---	---	---	---	0.5	---	---	---	Tons Produced
3-04-007-32	Electric Arc Furnace: Baghouse	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-33	Electric Arc Furnace: Baghouse Dust Handling	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-35	Raw Material Unloading	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-36	Conveyors/Elevators: Raw Material	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-37	Raw Material Silo	---	---	---	---	---	---	---	---	Tons Stored
3-04-007-39	Scrap Centrifugation	---	---	---	---	---	---	---	---	Tons Processed
3-04-007-40	Reheating Furnace: Natural Gas	---	---	---	---	---	---	---	---	Tons Reheated
3-04-007-41	Scrap Heating	---	---	---	---	---	---	---	---	Tons Processed
3-04-007-42	Crucible	---	---	---	---	---	---	---	---	Tons Processed
3-04-007-43	Pneumatic Converter Furnace	---	---	---	---	---	---	---	---	Tons Processed
3-04-007-44	Ladle	---	---	---	---	---	---	---	---	Tons Processed
3-04-007-45	Fugitive Emissions: Furnace	---	---	---	---	---	---	---	---	Tons Processed
3-04-007-60	Alloy Feeding	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-65	Billet Cutting	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-68	Scrap Handling	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-70	Slag Storage Pile	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-75	Slag Crushing	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-80	Limerock Handling	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-85	Roof Monitors - Hot Metal Transfer	---	---	---	---	---	---	---	---	Tons Handled
3-04-007-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Zinc - 3341</u>										
3-04-008-01	Retort Furnace	47	47	---	---	---	---	---	---	Footnote 49

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Zinc - 3341</i>										
3-04-008-02	Horizontal Muffle Furnace	45	---	---	---	---	2.4	---	---	Tons Produced
3-04-008-03	Pot Furnace	0.1	0.09	---	---	---	2.4	---	---	Tons Produced
3-04-008-05	Galvanizing Kettle	5	5	---	---	---	---	---	---	Tons Used
3-04-008-06	Calcining Kiln	89	---	---	18.3	---	---	---	---	Footnote 49
3-04-008-07	Concentrate Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-04-008-09	Rotary Sweat Furnace	11 - 25	16.6	---	---	---	2.4	---	---	Footnote 49
3-04-008-10	Muffle Sweat Furnace	10.8 - 32	19.7	---	---	---	2.4	---	---	Footnote 49
3-04-008-11	Electric Resistance Sweat Furnace	< 10	10	---	---	---	2.4	---	---	Footnote 49
3-04-008-12	Crushing/Screening of Zinc Residues	4.25	---	---	---	---	---	---	---	Tons Processed
3-04-008-14	Kettle-Sweat Furnace: Clean Metallic Scrap	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-18	Reverberatory Sweat Furnace: Clean Metallic Scrap	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-24	Kettle-Sweat Furnace: General Metallic Scrap	11	11	---	---	---	2.4	---	---	Footnote 49
3-04-008-28	Reverberatory Sweat Furnace: General Metallic Scrap	13	13	---	---	---	2.4	---	---	Footnote 50
3-04-008-34	Kettle-Sweat Furnace: Residual Metallic Scrap	25	15	---	---	---	2.4	---	---	Footnote 49
3-04-008-38	Reverberatory Sweat Furnace: Residual Metallic Scrap	32	19	---	---	---	2.4	---	---	Footnote 50
3-04-008-40	Alloying	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-41	Scrap Melting: Crucible	---	---	---	---	---	2.5	---	---	Tons Produced
3-04-008-42	Scrap Melting: Reverberatory Furnace	---	---	---	---	---	0.2	---	---	Tons Produced
3-04-008-43	Scrap Melting: Electric Induction Furnace	---	---	---	---	---	0.18	---	---	Tons Produced
3-04-008-51	Retort and Muffle Distillation: Pouring	0.4 - 0.8	0.6	---	---	---	---	---	---	Tons Produced
3-04-008-52	Retort and Muffle Distillation: Casting	0.2 - 0.4	0.3	---	---	---	---	---	---	Tons Produced
3-04-008-53	Graphite Rod Distillation	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-54	Retort Distillation/Oxidation	20 - 40	30	---	20.96	---	---	---	---	Tons Produced
3-04-008-55	Muffle Distillation/Oxidation	20 - 40	30	---	40.21	---	---	---	---	Tons Produced
3-04-008-61	Reverberatory Sweating	1.3	0.78	---	---	---	2.4	---	---	Tons Produced
3-04-008-62	Rotary Sweating	0.9	0.54	---	---	---	2.4	---	---	Tons Produced
3-04-008-63	Muffle Sweating	1.07	0.64	---	---	---	2.4	---	---	Tons Produced
3-04-008-64	Kettle (Pot) Sweating	0.56	0.34	---	---	---	2.4	---	---	Tons Produced
3-04-008-65	Electric Resistance Sweating	0.5	0.5	---	---	---	2.4	---	---	Footnote 51
3-04-008-66	Sodium Carbonate Leaching	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-67	Kettle (Pot) Melting Furnace	0.005	0.005	---	---	---	2.4	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Zinc - 3341</u></i>										
3-04-008-68	Crucible Melting Furnace	0.005	0.005	---	---	---	2.5	---	---	Tons Produced
3-04-008-69	Reverberatory Melting Furnace	0.005	0.005	---	---	---	0.2	---	---	Tons Produced
3-04-008-70	Electric Induction Melting Furnace	0.005	0.005	---	---	---	0.18	---	---	Tons Produced
3-04-008-71	Alloying Retort Distillation	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-72	Retort and Muffle Distillation	2.36	2.36	---	---	---	---	---	---	Tons Produced
3-04-008-73	Casting	0.015	0.015	---	---	---	---	---	---	Tons Produced
3-04-008-74	Graphite Rod Distillation	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-75	Retort Distillation/Oxidation	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-76	Muffle Distillation/Oxidation	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-77	Retort Reduction	---	---	---	---	---	---	---	---	Tons Produced
3-04-008-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Malleable Iron - 3322</u></i>										
3-04-009-01	Annealing	---	---	---	---	---	0.1	---	---	Tons Charged
3-04-009-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Charged
<i><u>Nickel - 3341</u></i>										
3-04-010-01	Flux Furnace	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-02	Mixing/Blending/Grinding/Screening	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-04	Heat Treat Furnace	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-05	Induction Furnace (Inlet Air)	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-06	Induction Furnace (Under Vacuum)	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-07	Electric Arc Furnace with Carbon Electrode	---	---	---	60	0.003	0.1	---	---	Tons Processed
3-04-010-08	Electric Arc Furnace	---	---	---	0.24	0.32	0.18	---	---	Tons Processed
3-04-010-10	Finishing: Pickling/Neutralizing	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-11	Finishing: Grinding	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-15	Multiple Hearth Roaster	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-16	Converters	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-17	Reverberatory Furnace	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-18	Electric Furnace	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-19	Sinter Machine	---	---	---	---	---	---	---	---	Tons Processed
3-04-010-61	Roasting: Fugitive Emissions	---	---	---	---	---	---	---	---	Tons Produced
3-04-010-62	Reverberatory Furnace: Fugitive Emissions	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Nickel - 3341</u>										
3-04-010-63	Converter: Fugitive Emissions	---	---	---	---	---	---	---	---	Tons Produced
3-04-010-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Furnace Electrode Manufacture - 3624</u>										
3-04-020-01	Calcination	---	---	---	---	---	0.06	---	---	Tons Processed
3-04-020-02	Mixing	---	---	---	---	---	---	---	---	Tons Processed
3-04-020-03	Pitch Treating	---	---	---	---	---	---	---	---	Tons Processed
3-04-020-04	Bake Furnaces	---	---	---	1.6	---	1	---	---	Tons Processed
3-04-020-05	Grafitization of Coal by Heating Process	---	---	---	---	---	---	---	---	Tons Produced
3-04-020-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Metal Heat Treating - 3398</u>										
3-04-022-01	Furnace: General	---	---	---	---	---	0.1	---	---	Tons Processed
3-04-022-10	Quench Bath	---	---	---	---	---	280	---	---	Tons Processed
3-04-022-11	Quenching	---	---	---	---	---	---	---	---	Gallons Used
<u>Lead Cable Coating - 3357, 3315</u>										
3-04-040-01	General	0.6	0.36	---	---	---	---	---	0.5	Tons Processed
<u>Miscellaneous Casting and Fabricating - 3300</u>										
3-04-049-01	Wax Burnout Oven	---	---	---	---	---	---	---	---	Tons Burned
3-04-049-02	Wax Burnout Oven	---	---	---	---	---	---	---	---	Tons Consumed
3-04-049-99	Wax Burnout Oven	---	---	---	---	---	---	---	---	Tons Burned
<u>Miscellaneous Casting Fabricating - 3300</u>										
3-04-050-01	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
3-04-050-99	Other Not Classified	---	---	---	---	---	---	---	---	Each Processed
<u>Metallic Lead Products - 3300, 3340, 3350, 3356, 3360, 3369, 3400</u>										
3-04-051-01	Ammunition	---	---	---	---	---	---	---	< 1	Tons Processed
3-04-051-02	Bearing Metals	---	---	---	---	---	---	---	---	Tons Processed
3-04-051-03	Other Sources of Lead	---	---	---	---	---	---	---	1.5	Tons Processed
<u>Equipment Leaks - 3300, 3340, 3350, 3356, 3360, 3369, 3400</u>										
3-04-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 3300, 3400</u>										
3-04-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Wastewater, Aggregate - 3300, 3400</u>										
3-04-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 3300, 3400</u>										
3-04-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fugitive Emissions - 3300, 3400</u>										
3-04-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-04-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-04-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-04-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-04-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
<u>Fuel Fired Equipment - 3300, 3400</u>										
3-04-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-04-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-04-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-04-900-04	Process Gas: Process Heaters	---	---	---	950S	140	2.8	---	---	Million Cubic Feet Burned
3-04-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
3-04-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-04-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-04-900-14	Process Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-04-900-21	Distillate Oil (No. 2): Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-04-900-22	Residual Oil: Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-04-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-04-900-24	Process Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-04-900-31	Distillate Oil (No. 2): Furnaces	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-04-900-32	Residual Oil: Furnaces	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-04-900-33	Natural Gas: Furnaces	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-04-900-34	Process Gas: Furnaces	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-04-900-35	Propane: Furnaces	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>Other Not Classified - 3300, 3400</u>										
3-04-999-99	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Processed



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><i>INDUSTRIAL PROCESSES -Mineral Products</i></b>										
<b><i>Asphalt Roofing Manufacture - 2952</i></b>										
3-05-001-01	Asphalt Blowing: Saturant (Use 3-05-050-10 for MACT)	6.6	6.8	---	---	---	1.46	0.27	---	Tons Processed
3-05-001-02	Asphalt Blowing: Coating (Use 3-05-050-10 for MACT)	24	25	---	---	---	1.86	0.27	---	Tons Processed
3-05-001-03	Felt Saturation: Dipping Only	0.5	0.5	---	---	---	0.02	0.02	---	Tons Processed
3-05-001-04	Felt Saturation: Dipping/Spraying	3.14	2.26	---	---	---	0.03	0.25	---	Tons Processed
3-05-001-05	General	6.3	---	---	---	---	0.48	2.9	---	Tons Processed
3-05-001-06	Shingles and Rolls: Spraying Only	---	---	---	---	---	---	---	---	Tons Processed
3-05-001-07	Shingles and Rolls: Mineral Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-001-08	Shingles and Rolls: Coating	---	---	---	---	---	---	---	---	Tons Processed
3-05-001-10	Blowing (Use 3-05-050-01 for MACT)	---	---	---	---	---	---	0.27	---	Tons Processed
3-05-001-11	Dipping Only	---	---	---	---	---	0.02	---	---	Tons Processed
3-05-001-12	Spraying Only	---	---	---	---	---	0.01	---	---	Tons Processed
3-05-001-13	Dipping/Spraying	---	---	---	---	---	0.03	---	---	Tons Processed
3-05-001-14	Asphaltic Felt: Coating	---	---	---	---	---	---	---	---	Tons Processed
3-05-001-15	Storage Bins: Steam Drying Drums	---	---	---	---	---	---	---	---	Tons Processed
3-05-001-16	Shingle Saturation: Dip Saturator, Drying-in Drum, Hot Looper & Coater	1.2	---	---	---	---	---	---	---	Tons Produced
3-05-001-17	Shingle Saturation: Dip Saturator, Drying-in Drum and Coater	---	---	---	---	---	---	0.0019	---	Tons Produced
3-05-001-18	Shingle Saturation: Dip Saturator, Drying-in Drum and Hot Looper	---	---	---	---	---	---	---	---	Tons Produced
3-05-001-19	Shingle Sat'ion:Spray/Dip Satur,Drying-in Drm,Hot Loopr,Coatr & Str Tk	3.2	---	---	---	---	---	---	---	Tons Produced
3-05-001-20	Storage Bins: Ferric Chloride	---	---	---	---	---	---	---	---	Tons Stored
3-05-001-21	Storage Bins: Mineral Stabilizer	---	---	---	---	---	---	---	---	Tons Stored
3-05-001-30	Fixed Roof Tank: Asphalt/Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-05-001-31	Fixed Roof Tank: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-05-001-32	Floating Roof Tank: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-05-001-33	Floating Roof Tank: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-05-001-34	Blown Saturant Storage	---	---	---	---	---	---	---	---	Tons Stored
3-05-001-35	Blown Coating Storage	---	---	---	---	---	---	---	---	Tons Stored

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Asphalt Roofing Manufacture - 2952</u>										
3-05-001-40	Granules Unloading	---	---	---	---	---	---	---	---	Tons Handled
3-05-001-41	Granules Storage	---	---	---	---	---	---	---	---	Tons Stored
3-05-001-42	Mineral Dust Unloading	---	---	---	---	---	---	---	---	Tons Handled
3-05-001-43	Mineral Dust Storage	---	---	---	---	---	---	---	---	Tons Stored
3-05-001-44	Granules Transport Screw Conveyor and Bucket Elevator	---	---	---	---	---	---	---	---	Tons Handled
3-05-001-45	Mineral Dust Transport Screw Conveyor and Bucket Elevator	---	---	---	---	---	---	---	---	Tons Handled
3-05-001-46	Sand Surge Bin	---	---	---	---	---	---	---	---	Tons Handled
3-05-001-47	Granules Surge Bin	---	---	---	---	---	---	---	---	Tons Handled
3-05-001-50	Mineral Dust (Filler) and Asphalt Coating Mixer	---	---	---	---	---	---	---	---	Tons Produced
3-05-001-51	Granules	---	---	---	---	---	---	---	---	Tons Produced
3-05-001-52	Sand Applicator	---	---	---	---	---	---	---	---	Tons Produced
3-05-001-53	Cooling Rolls	---	---	---	---	---	---	---	---	Tons Produced
3-05-001-54	Finish Floating Looper	---	---	---	---	---	---	---	---	Tons Produced
3-05-001-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-05-001-99	See Comment	---	---	---	---	---	---	---	---	Tons Processed
<u>Asphalt Concrete - 2951</u>										
3-05-002-01	Rotary Dryer: Conventional Plant (see 3-05-002-50 -51 -52 for subtypes)	---	---	---	0.073	---	0.028	---	---	Tons Produced
3-05-002-02	Hot Elevators, Screens, Bins and Mixer	---	0.03	---	0.07	---	---	---	---	Tons Produced
3-05-002-03	Storage Piles	---	0.12	---	---	---	---	---	---	Tons Processed
3-05-002-04	Cold Aggregate Handling	---	---	---	---	---	---	---	---	Tons Processed
3-05-002-05	Drum Dryer: Hot Asphalt Plants (see 3-05-002-55 & -58 for subtypes)	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-06	Asphalt Heater: Natural Gas (Use 3-05-050-20 for MACT)	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-05-002-07	Asphalt Heater: Residual Oil (Use 3-05-050-21 for MACT)	---	---	---	159S	55	0.28	---	---	1000 Gallons Burned
3-05-002-08	Asphalt Heater: Distillate Oil (Use 3-05-050-22 for MACT)	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-05-002-09	Asphalt Heater: LPG (Use 3-05-050-23 for MACT)	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-05-002-10	Asphalt Heater: Waste Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-05-002-11	Rotary Dryer Conventional Plant with Cyclone use 3-05-002-01 w/CTL	---	0.36	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Asphalt Concrete - 2951</i>										
3-05-002-12	Heated Asphalt Storage Tanks: Drum Mix	---	---	---	---	---	---	---	---	Tons Stored
3-05-002-13	Storage Silo	---	---	---	---	---	---	---	---	Tons Stored
3-05-002-14	Truck Load-out	---	---	---	---	---	---	---	---	Tons Loaded
3-05-002-15	In Place Recycling: Propane	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-16	Cold Aggregate Feed Bins	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-17	Cold Aggregate Conveyors and Elevators	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-20	Elevators: Batch Process	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-21	Elevators: Continuous Process	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-30	Hot Bins and Screens: Batch Process	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-31	Hot Bins and Screens: Continuous Process	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-40	Mixers: Batch Process	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-41	Mixers: Continuous Process	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-42	Mixers: Drum Mix Process (use 3-05-002-005 and subtypes)	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-50	Conventional Continuous Mix (outside of drum) Plant: Rotary Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-51	Conventional Batch Mix Plant: Rotary Dryer, Natural Gas - Fired	32	4.5	0.0041	<sup>21</sup> 0.005	0.025	---	0.34	---	Tons Produced
3-05-002-52	Conventional Batch Mix Plant: Rotary Dryer, Oil - Fired	32	4.5	0.045	<sup>21</sup> 0.24	0.17	---	0.069	---	Tons Produced
3-05-002-55	Drum Mix Plant: Rotary Drum Dryer / Mixer, Natural Gas - Fired	19	4.3	0.081	<sup>21</sup> 0.0033	0.03	---	0.056	---	Tons Produced
3-05-002-56	Drum Mix Plant: Rotary Drum Dryer / Mixer, Natural Gas, Parallel Flow	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-57	Drum Mix Plant: Rotary Drum Dryer / Mixer, Natural Gas, Counterflow	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-58	Drum Mix Plant: Rotary Drum Dryer / Mixer, Oil - Fired	19	4.3	0.026	<sup>21</sup> 0.056	0.075	---	0.036	---	Tons Produced
3-05-002-59	Drum Mix Plant: Rotary Drum Dryer / Mixer, Oil - Fired, Parallel Flow	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-60	Drum Mix Plant: Rotary Drum Dryer / Mixer, Oil - Fired, Counterflow	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-90	Haul Roads: General	---	---	---	---	---	---	---	---	Tons Processed
3-05-002-98	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
3-05-002-99	See Comment	---	---	---	---	---	---	---	---	Tons Produced
<i>Brick Manufacture - 3251</i>										
3-05-003-01	Raw Material Drying	70	41	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Brick Manufacture - 3251</i>										
3-05-003-02	Raw Material Grinding & Screening	See App. C	See App. C	---	---	---	---	---	---	Tons Processed
3-05-003-03	Storage of Raw Materials	34	12	---	---	---	---	---	---	Tons Stored
3-05-003-04	Curing	0.07	---	---	0.02	0.29	0.03	0.07	---	Tons Produced
3-05-003-05	Raw Material Handling and Transferring	---	---	---	---	---	---	---	---	Tons Processed
3-05-003-06	Pulverizing	---	---	---	---	---	---	---	---	Tons Processed
3-05-003-07	Calcining	---	---	---	---	---	---	---	---	Tons Processed
3-05-003-08	Screening	---	1.4	---	---	---	---	---	---	Tons Processed
3-05-003-09	Blending and Mixing	---	---	---	---	---	---	---	---	Tons Processed
3-05-003-10	Curing and Firing: Sawdust Fired Tunnel Kilns	0.34	0.26	0.59	<sup>21</sup> 0.67	0.37	0.024	1.6	0.00015	Tons Produced
3-05-003-11	Curing and Firing: Gas-fired Tunnel Kilns	0.37	0.28	0.59	<sup>21</sup> 0.67	0.35	0.024	1.2	0.00015	Tons Produced
3-05-003-12	Curing and Firing: Oil-fired Tunnel Kilns	0.59	0.32	---	3.95S	1.05	0.007	0.12	---	Tons Produced
3-05-003-13	Curing and Firing: Coal-fired Tunnel Kilns	1.2	0.76	0.59	7.31S	0.51	0.024	0.8	0.00015	Tons Produced
3-05-003-14	Curing and Firing: Gas-fired Periodic Kilns	0.065	0.034	---	---	0.5	0.01	0.15	---	Tons Produced
3-05-003-15	Curing and Firing: Oil-fired Periodic Kilns	0.88	0.47	---	5.9S	1.62	0.01	0.19	---	Tons Produced
3-05-003-16	Curing and Firing: Coal-fired Periodic Kilns	18.84A	10	---	12.13S	2.35	0.02	2.39	---	Tons Produced
3-05-003-17	Raw Material Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-05-003-18	Tunnel Kiln: Wood-fired	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-19	Transfer and Conveying	---	---	---	---	---	---	---	---	Tons Processed
3-05-003-21	General	---	---	---	---	---	---	---	---	Tons Handled
3-05-003-22	Firing: Natural Gas-fired Tunnel Kiln Firing High-Sulfur Material	---	---	---	<sup>21</sup> 5.1	0.35	---	1.2	---	Tons Produced
3-05-003-30	Curing and Firing: Dual Fuel-fired Periodic Kiln	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-31	Curing and Firing: Dual Fuel Fired Tunnel Kiln	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-32	Curing and Firing: Gas-fired Kiln, Other Type	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-33	Curing and Firing: Oil-fired Kiln, Other Type	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-34	Curing and Firing: Coal-fired Kiln, Other Type	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-35	Curing and Firing: Dual Fuel-fired Kiln, Other Type	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-40	Primary Crusher	---	---	---	---	---	---	---	---	Tons Processed
3-05-003-42	Extrusion Line	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-50	Brick Dryer: Heated With Waste Heat From Kiln Cooling Zone	0.077	---	---	---	---	0.03	---	---	Tons Produced
3-05-003-51	Brick Dryer: Heated With Waste Heat And Supplemental Gas Burners	0.077	---	---	---	0.098	0.03	0.31	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Brick Manufacture - 3251</u></i>										
3-05-003-55	Coal Crushing And Storage System	---	---	---	---	---	---	---	---	Tons Processed
3-05-003-60	Sawdust Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-61	Sawdust Dryer: Heated With Exhaust From Sawdust-fired Kiln	1.3	0.25	0.056	---	---	0.18	---	0.00012	Tons Produced
3-05-003-70	Firing: Natural Gas-fired Tunnel Kiln Firing Structural Clay Tile	1	---	---	---	---	---	---	---	Tons Produced
3-05-003-97	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
3-05-003-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-05-003-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Calcium Carbide - 2819</u></i>										
3-05-004-01	Electric Furnace: Hoods and Main Stack	26	22	---	3	---	---	---	---	Footnote 50
3-05-004-02	Coke Dryer	2	1	---	3	0.2	---	---	---	Footnote 50
3-05-004-03	Furnace Room Vents	26	24	---	---	---	---	---	---	Footnote 50
3-05-004-04	Tap Fume Vents	---	---	---	---	---	---	---	---	Tons Produced
3-05-004-05	Primary/Secondary Crushing	---	---	---	---	---	---	---	---	Tons Produced
3-05-004-06	Circular Charging: Conveyor	---	---	---	---	---	---	---	---	Tons Produced
3-05-004-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Castable Refractory - 3255</u></i>										
3-05-005-01	Fire Clay: Rotary Dryer	65	16	---	---	---	---	---	---	Tons Fed
3-05-005-02	Raw Material Crushing/Processing	120	61.2	---	---	---	---	---	---	Tons Fed
3-05-005-03	Electric Arc Melt Furnace	50	46	---	---	---	---	---	---	Tons Fed
3-05-005-04	Curing Oven	0.2	0.1	---	---	0.16	1	---	---	Tons Fed
3-05-005-05	Molding and Shakeout	25	20	---	---	---	---	---	---	Tons Fed
3-05-005-06	Fire Clay: Rotary Calciner	120	30	---	---	<sup>27</sup> 1.7	---	---	---	Tons Fed
3-05-005-07	Fire Clay: Tunnel Kiln	---	---	---	---	---	---	---	---	Tons Fed
3-05-005-08	Chromite-Magnesite Ore: Rotary Dryer	1.7	0.41	---	---	---	---	---	---	Tons Processed
3-05-005-09	Chromite-Magnesite Ore: Tunnel Kiln	0.82	0.69	---	---	---	---	---	---	Tons Processed
3-05-005-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-05-005-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Fed
<i><u>Cement Manufacturing (Dry Process) - 3241</u></i>										
3-05-006-06	Kilns	256	108	---	10.8	6	---	0.21	0.12	Footnote 52
3-05-006-07	Raw Material Unloading	---	0.1	---	---	---	---	---	---	Tons Unloaded

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Cement Manufacturing (Dry Process) - 3241</u>										
3-05-006-08	Raw Material Piles	---	1.4	---	---	---	---	---	---	Ton-Years Stored
3-05-006-09	Primary Crushing	---	0.26	---	---	---	---	---	---	Tons Processed
3-05-006-10	Secondary Crushing	---	1.13	---	---	---	---	---	---	Tons Processed
3-05-006-11	Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-006-12	Raw Material Transfer	---	0.15	---	---	---	---	---	---	Tons Handled
3-05-006-13	Raw Material Grinding and Drying	64	54	---	---	---	---	---	0.04	Tons Produced
3-05-006-14	Clinker Cooler	9.2	0.8	---	---	---	---	---	---	Tons Produced
3-05-006-15	Clinker Piles	---	---	---	---	---	---	---	---	Tons Produced
3-05-006-16	Clinker Transfer	---	---	---	---	---	---	---	---	Tons Produced
3-05-006-17	Clinker Grinding	96	82	---	---	---	---	---	0.04	Tons Produced
3-05-006-18	Cement Silos	---	---	---	---	---	---	---	---	Tons Produced
3-05-006-19	Cement Load Out	---	0.2	---	---	---	---	---	---	Tons Produced
3-05-006-20	Predryer	---	---	---	---	---	---	---	---	Tons Produced
3-05-006-21	Pulverized Coal Kiln Feed Units	---	---	---	---	---	---	---	---	Tons Processed
3-05-006-22	Preheater Kiln	250	---	---	<sup>21</sup> 0.55	4.8	---	0.98	---	Tons Produced
3-05-006-23	Preheater/Precalciner Kiln	---	---	---	<sup>21</sup> 1.1	4.2	---	3.7	---	Tons Produced
3-05-006-24	Raw Mill Feed Belt	---	---	---	---	---	---	---	---	Tons Processed
3-05-006-25	Raw Mill Weigh Hopper	---	---	---	---	---	---	---	---	Tons Processed
3-05-006-26	Raw Mill Air Separator	---	---	---	---	---	---	---	---	Tons Processed
3-05-006-27	Finish Grinding Mill Feed Belt	---	---	---	---	---	---	---	---	Tons Processed
3-05-006-28	Finish Grinding Mill Weigh Hopper	---	---	---	---	---	---	---	---	Tons Processed
3-05-006-29	Finish Grinding Mill Air Separator	---	---	---	---	---	---	---	---	Tons Processed
3-05-006-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Cement Manufacturing (Wet Process) - 3241</u>										
3-05-007-06	Kilns	130	31	---	10.8	7.4	---	0.12	0.1	Footnote 53
3-05-007-07	Raw Material Unloading	---	0.1	---	---	---	---	---	---	Tons Unloaded
3-05-007-08	Raw Material Piles	---	1.4	---	---	---	---	---	---	Ton-Years Stored
3-05-007-09	Primary Crushing	---	0.26	---	---	---	---	---	---	Tons Processed
3-05-007-10	Secondary Crushing	---	1.13	---	---	---	---	---	---	Tons Processed
3-05-007-11	Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-007-12	Raw Material Transfer	---	0.15	---	---	---	---	---	---	Tons Handled

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Cement Manufacturing (Wet Process) - 3241</i>										
3-05-007-14	Clinker Cooler	---	0.8	---	---	---	---	---	---	Tons Produced
3-05-007-15	Clinker Piles	---	---	---	---	---	---	---	---	Tons Produced
3-05-007-16	Clinker Transfer	---	---	---	---	---	---	---	---	Tons Produced
3-05-007-17	Clinker Grinding	32	27	---	---	---	---	---	0.02	Tons Produced
3-05-007-18	Cement Silos	---	---	---	---	---	---	---	---	Tons Produced
3-05-007-19	Cement Load Out	---	---	---	---	---	---	---	---	Tons Produced
3-05-007-27	Finish Grinding Mill Feed Belt	---	---	---	---	---	---	---	---	Tons Processed
3-05-007-28	Finish Grinding Mill Weigh Hopper	---	---	---	---	---	---	---	---	Tons Processed
3-05-007-29	Finish Grinding Mill Air Separator	---	---	---	---	---	---	---	---	Tons Processed
3-05-007-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i>Ceramic Clay/Tile Manufacture - 3261</i>										
3-05-008-01	Drying (use SCC 3-05-008-13)	70	35.7	---	---	---	---	---	---	Tons Fed
3-05-008-02	Comminution - Crushing, Grinding, & Milling	76	64.6	---	---	---	---	---	---	Tons Processed
3-05-008-03	Raw Material Storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-04	Screening and floating (use SCC 3-05-008-16)	---	---	---	---	---	---	---	---	Tons Fed
3-05-008-05	Granulation - Direct Mixing of Ceramic Powder and Binder Solution	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-06	Raw Material Handling and Transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-07	Grinding, dry (use SCC 3-05-008-02)	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-10	Granulation - Natural Gas-fired Spray Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-05-008-11	Drying - Infrared (IR) Drying Prior to Firing	---	---	---	---	---	---	---	---	Tons Produced
3-05-008-12	Glazing and firing kiln (use SCCs 3-05-008-45 & -50)	---	---	---	---	---	---	---	---	Tons Fed
3-05-008-13	Drying - Convection Drying Prior to Firing	2.3	---	---	---	---	---	---	---	Tons Produced
3-05-008-16	Sizing - Vibrating Screens	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-18	Air Classifier	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-21	Calcining--Natural Gas-fired Rotary Calciner	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-22	Calcining--Fuel Oil-fired Rotary Calciner	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-23	Calcining--Natural Gas-fired Fluidized Bed Calciner	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-24	Calcining--Fuel Oil-fired Fluidized Bed Calciner	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-28	Mixing - Raw Mat'ls, Binders, Plasticizers, Surfactants, & Other Agent	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-30	Forming - General	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Ceramic Clay/Tile Manufacture - 3261</i>										
3-05-008-31	Forming - Tape Casters	---	---	---	---	---	---	---	---	Tons Produced
3-05-008-35	Green Machining-Grindg, Cutg, or Laminatg Formed Ceramics Prior to Fir	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-40	Presinter Thermal Processing - Natural Gas-fired Kiln	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-41	Presinter Thermal Processing - Fuel Oil-fired Kiln	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-43	Glaze Preparation - Ballmill or Attrition Mill	---	---	---	---	---	---	---	---	Tons Processed
3-05-008-45	Ceramic Glaze Spray Booth	19	---	---	---	---	---	---	3	Tons Used
3-05-008-50	Firing - Natural Gas-fired Kiln	0.49	---	---	<sup>21, 54</sup> 44S	0.54	0.43	3.3	---	Tons Produced
3-05-008-54	Firing - Fuel Oil-fired Kiln	---	---	---	---	---	---	---	---	Tons Produced
3-05-008-56	Refiring Kiln - Refiring after Decal, Paint, or Ink Applied; Natural-g	0.067	---	---	---	---	---	---	---	Tons Produced
3-05-008-58	Cooler - Cooling Ceramics Following Firing	0.11	---	---	---	---	---	---	---	Tons Produced
3-05-008-60	Final Processing - Grinding and Polishing	---	---	---	---	---	---	---	---	Tons Produced
3-05-008-70	Final Processing - Annealing	---	---	---	---	---	---	---	---	Tons Produced
3-05-008-80	Final Processing - Surface Coating	---	---	---	---	---	---	---	---	Tons Produced
3-05-008-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<i>Clay and Fly Ash Sintering - 3295</i>										
3-05-009-01	Fly Ash Sintering	110	68	---	---	---	---	---	---	Footnote 55
3-05-009-02	Clay/Coke Sintering	40	20.4	---	---	---	---	---	---	Footnote 55
3-05-009-03	Natural Clay/Shale Sintering	12	6.36	---	---	---	---	---	---	Footnote 55
3-05-009-04	Raw Clay/Shale Crushing/Screening	12	0.25	---	---	---	---	---	---	Tons Processed
3-05-009-05	Raw Clay/Shale Transfer/Conveying	---	0.4	---	---	---	---	---	---	Tons Processed
3-05-009-06	Raw Clay/Shale Storage Piles	---	---	---	---	---	---	---	---	Tons Processed
3-05-009-07	Sintered Clay/Coke Product Crushing/Screening	15	12.8	---	---	---	---	---	---	Footnote 55
3-05-009-08	Sintered Clay/Shale Product Crushing/Screening	12	---	---	---	---	---	---	---	Tons Produced
3-05-009-09	Expanded Shale Clinker Cooling	---	---	---	---	---	---	---	---	Tons Produced
3-05-009-10	Expanded Shale Storage	---	---	---	---	---	---	---	---	Tons Produced
3-05-009-15	Rotary Kiln	---	---	---	---	---	---	---	---	Tons Processed
3-05-009-16	Dryer	70	62.6	---	---	---	---	---	---	Tons Dried
3-05-009-17	Clay Reciprocating Grate Clinker Cooler	0.314	0.18	---	---	---	---	---	---	Tons Processed
3-05-009-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Coal Mining, Cleaning, and Material Handling (See 305310) - 1111, 1221, 1222</i>										
3-05-010-01	Fluidized Bed	26	---	0.042	1.4	0.16	0.098	---	---	Tons Dried
3-05-010-02	Flash or Suspension	16	---	---	0.52	---	---	---	---	Footnote 56
3-05-010-03	Multilouvered	3.7	---	0.075	---	---	---	---	---	Tons Dried
3-05-010-04	Rotary	---	---	---	---	---	---	---	---	Tons Dried
3-05-010-05	Cascade	---	---	---	---	---	---	---	---	Tons Dried
3-05-010-06	Continuous Carrier	---	---	---	---	---	---	---	---	Tons Dried
3-05-010-07	Screen	---	---	---	---	---	---	---	---	Tons Dried
3-05-010-08	Unloading	0.02	0.006	---	---	---	---	---	---	Tons Shipped
3-05-010-09	Raw Coal Storage	---	---	---	---	---	---	---	---	Tons Shipped
3-05-010-10	Crushing	0.02	0.006	---	---	---	---	---	---	Tons Shipped
3-05-010-11	Coal Transfer	---	---	---	---	---	---	---	---	Tons Shipped
3-05-010-12	Screening	---	---	---	---	---	---	---	---	Tons Shipped
3-05-010-13	Air Tables	---	---	---	---	---	---	---	---	Tons Shipped
3-05-010-14	Cleaned Coal Storage	---	---	---	---	---	---	---	---	Tons Shipped
3-05-010-15	Loading	---	---	---	---	---	---	---	---	Tons Shipped
3-05-010-16	Loading: Clean Coal	---	---	---	---	---	---	---	---	Tons Shipped
3-05-010-17	Secondary Crushing	---	---	---	---	---	---	---	---	Tons Shipped
3-05-010-21	Overburden Removal	---	---	---	---	---	---	---	---	Tons Mined
3-05-010-22	Drilling/Blasting	---	---	---	---	---	---	---	---	Tons Mined
3-05-010-23	Loading	---	0.05	---	---	---	---	---	---	Tons Mined
3-05-010-24	Hauling	---	2.1	---	---	---	---	---	---	Miles Travelled
3-05-010-30	Topsoil Removal	0.06	---	---	---	---	---	---	---	Tons Removed
3-05-010-31	Scrapers: Travel Mode	14.6	---	---	---	---	---	---	---	Miles Travelled
3-05-010-32	Topsoil Unloading	0.04	---	---	---	---	---	---	---	Tons Processed
3-05-010-33	Overburden	1.3	0.16	---	---	---	---	---	---	Each Drilled
3-05-010-34	Coal Seam: Drilling	0.22	0.028	---	---	---	---	---	---	Each Drilled
3-05-010-35	Blasting: Coal Overburden	---	---	---	---	---	---	---	---	Each Occurred
3-05-010-36	Dragline: Overburden Removal	0.06	0.009	---	---	---	---	---	---	Cubic Yards Removed
3-05-010-37	Truck Loading: Overburden	---	0.015	---	---	---	---	---	---	Tons Loaded
3-05-010-38	Truck Loading: Coal	0.04	0.005	---	---	---	---	---	---	Tons Loaded
3-05-010-39	Hauling: Haul Trucks	17.2	2.1	---	---	---	---	---	---	Miles Travelled

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Coal Mining, Cleaning, and Material Handling (See 305310) - 1111, 1221, 1222</i>										
3-05-010-40	Truck Unloading: End Dump - Coal	0.007	0.001	---	---	---	---	---	---	Tons Processed
3-05-010-41	Truck Unloading: Bottom Dump - Coal	0.066	0.01	---	---	---	---	---	---	Tons Processed
3-05-010-42	Truck Unloading: Bottom Dump - Overburden	0.002	0.001	---	---	---	---	---	---	Tons Processed
3-05-010-43	Open Storage Pile: Coal	---	17060	---	---	---	---	---	---	Acre-Years Existing
3-05-010-44	Train Loading: Coal	---	0.0059	---	---	---	---	---	---	Tons Loaded
3-05-010-45	Bulldozing: Overburden	---	---	---	---	---	---	---	---	Hour Operated
3-05-010-46	Bulldozing: Coal	49.4	---	---	---	---	---	---	---	Hour Operated
3-05-010-47	Grading	5.37	3.33	---	---	---	---	---	---	Miles Travelled
3-05-010-48	Overburden Replacement	0.012	0.006	---	---	---	---	---	---	Tons Processed
3-05-010-49	Wind Erosion: Exposed Areas	760	380	---	---	---	---	---	---	Acre-Years Existing
3-05-010-50	Vehicle Traffic: Light/Medium Vehicles	2.79	1.56	---	---	---	---	---	---	Miles Travelled
3-05-010-51	Surface Mining Operations: Open Storage Pile: Spoils	---	---	---	---	---	---	---	---	Tons Processed
3-05-010-60	Surface Mining Operations: Primary Crusher	---	---	---	---	---	---	---	---	Tons Processed
3-05-010-61	Surface Mining Operations: Secondary Crusher	---	---	---	---	---	---	---	---	Tons Processed
3-05-010-62	Surface Mining Operations: Screens	---	---	---	---	---	---	---	---	Tons Processed
3-05-010-90	Haul Roads: General	---	---	---	---	---	---	---	---	Tons Processed
3-05-010-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Shipped
<i>Concrete Batching - 3270, 1771, 3292</i>										
3-05-011-01	General (Non-fugitive)	0.2	0.1	---	---	---	---	---	---	Cubic Yards Produced
3-05-011-06	Transfer: Sand/Aggregate to Elevated Bins	0.029	0.03	---	---	---	---	---	---	Tons Processed
3-05-011-07	Cement Unloading: Storage Bins	0.24	0.14	---	---	---	---	---	---	Tons Processed
3-05-011-08	Weight Hopper Loading of Cement/Sand/Aggregate	0.02	0.01	---	---	---	---	---	---	Tons Processed
3-05-011-09	Mixer Loading of Cement/Sand/Aggregate	0.04	0.02	---	---	---	---	---	---	Tons Processed
3-05-011-10	Loading of Transit Mix Truck	0.02	0.01	---	---	---	---	---	---	Tons Processed
3-05-011-11	Loading of Dry-batch Truck	0.04	0.02	---	---	---	---	---	---	Tons Loaded
3-05-011-12	Mixing: Wet	---	---	---	---	---	---	---	---	Cubic Yards Produced
3-05-011-13	Mixing: Dry	---	---	---	---	---	---	---	---	Cubic Yards Produced
3-05-011-14	Transferring: Conveyors/Elevators	---	---	---	---	---	---	---	---	Cubic Yards Produced
3-05-011-15	Storage: Bins/Hoppers	---	---	---	---	---	---	---	---	Cubic Yards Produced
3-05-011-20	Asbestos/Cement Products	---	0.1	---	---	---	---	---	---	Tons Produced
3-05-011-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fiberglass Manufacturing - 3296, 3229</u></i>										
3-05-012-01	Regenerative Furnace (Wool-type Fiber)	25 - 30	20.9	---	10	5	0.2	0.25	---	Tons Processed
3-05-012-02	Recuperative Furnace (Wool-type Fiber)	22	26.1	---	10	1.7	0.2	0.25	---	Tons Processed
3-05-012-03	Electric Furnace (Wool-type Fiber)	0.5	0.48	---	0.04	0.27	0.2	0.05	---	Tons Processed
3-05-012-04	Forming: Rotary Spun (Wool-type Fiber)	See App. C	54	---	---	---	---	---	---	Tons Processed
3-05-012-05	Curing Oven: Rotary Spun (Wool-type Fiber)	---	9	---	---	---	---	---	---	Tons Processed
3-05-012-06	Cooling (Wool-type Fiber)	---	1.3	---	---	---	---	---	---	Tons Processed
3-05-012-07	Unit Melter Furnace (Wool-type Fiber)	9	8.6	---	0.6	0.3	---	0.25	---	Tons Processed
3-05-012-08	Forming: Flame Attenuation (Wool-type Fiber)	2	1.9	---	---	---	0.3	---	---	Tons Processed
3-05-012-09	Curing: Flame Attenuation (Wool-type Fiber)	6	6	---	---	2	7	3.5	---	Tons Processed
3-05-012-11	Regenerative Furnace (Textile-type Fiber)	16	15	---	30	20	0.2	1	---	Tons Processed
3-05-012-12	Recuperative Furnace (Textile-type Fiber)	2	1.9	---	3	20	0.2	0.5	---	Tons Processed
3-05-012-13	Unit Melter Furnace (Textile-type Fiber)	6	5.7	---	---	20	---	0.9	---	Tons Processed
3-05-012-14	Forming Process (Textile-type Fiber)	1	0.5	---	---	---	---	---	---	Tons Processed
3-05-012-15	Curing Oven (Textile-type Fiber)	1.2	1.2	---	---	2.6	---	1.5	---	Tons Processed
3-05-012-21	Raw Material: Unloading/Conveying	3	1.5	---	---	---	---	---	---	Tons Processed
3-05-012-22	Raw Material: Storage Bins	0.2	0.1	---	---	---	---	---	---	Tons Processed
3-05-012-23	Raw Material: Mixing/Weighing	0.6	0.3	---	---	---	---	---	---	Tons Processed
3-05-012-24	Raw Material: Crushing/Charging	---	---	---	---	---	---	---	---	Tons Processed
3-05-012-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Frit Manufacture - 2899</u></i>										
3-05-013-01	General (use 3-05-013-05 or 3-05-013-06)	---	---	---	---	---	---	---	---	Tons Charged
3-05-013-02	Weighing of raw materials	---	---	---	---	---	---	---	---	Tons Processed
3-05-013-03	Dry Mixing of raw materials	---	---	---	---	---	---	---	---	Tons Processed
3-05-013-04	Smelting Furnace Charging	---	---	---	---	---	---	---	---	Tons Charged
3-05-013-05	Rotary Smelting Furnace	16	15	---	---	16	---	4.8	---	Tons Fed
3-05-013-06	Continuous Smelting Furnace	16	15	---	---	16	---	4.8	---	Tons Fed
3-05-013-10	Water Spray Quenching to shatter material into small particles	---	---	---	---	---	---	---	---	Tons Quenched
3-05-013-11	Rotary Dryer (usually not used with a continuous furnace)	---	---	---	---	---	---	---	---	Tons Fed
3-05-013-15	Dry Milling of quenched frit with a ball mill	---	---	---	---	---	---	---	---	Tons Processed
3-05-013-16	Product Screening	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Frit Manufacture - 2899</i>										
3-05-013-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Charged
<i>Glass Manufacture - 3211, 3221, 3229</i>										
3-05-014-01	Furnace/General	2	---	---	---	---	---	---	---	Tons Produced
3-05-014-02	Container Glass: Melting Furnace	1.4	1.32	---	3.4	6.2	0.2	0.2	---	Tons Produced
3-05-014-03	Flat Glass: Melting Furnace	2	1.9	---	3	8	0.1	0.1	---	Tons Produced
3-05-014-04	Pressed and Blown Glass: Melting Furnace	17.4	16.5	---	5.6	8.5	0.3	0.2	---	Tons Produced
3-05-014-05	Presintering	---	---	---	---	---	---	---	---	Tons Processed
3-05-014-06	Container Glass: Forming/Finishing	---	---	---	---	---	8.7	---	---	Tons Produced
3-05-014-07	Flat Glass: Forming/Finishing	---	---	---	---	---	---	---	---	Tons Produced
3-05-014-08	Pressed and Blown Glass: Forming/Finishing	---	---	---	---	---	9	---	---	Tons Produced
3-05-014-10	Raw Material Handling (All Types of Glass)	---	---	---	---	---	---	---	---	Tons Processed
3-05-014-11	General	---	---	---	---	---	---	---	---	Tons Processed
3-05-014-12	Hold Tanks	---	---	---	---	---	---	---	---	Tons Processed
3-05-014-13	Cullet: Crushing/Grinding	---	---	---	---	---	---	---	---	Tons Processed
3-05-014-14	Ground Cullet Beading Furnace	---	---	---	5.6	8.5	0.3	---	---	Tons Produced
3-05-014-15	Glass Etching with Hydrofluoric Acid Solution	---	0.5	---	---	---	---	---	---	Gallons Consumed
3-05-014-16	Glass Manufacturing	---	---	---	---	---	---	---	---	Tons Produced
3-05-014-17	Briquetting	---	---	---	---	---	---	---	---	Tons Processed
3-05-014-18	Pelletizing	---	---	---	---	---	---	---	---	Tons Processed
3-05-014-20	Mirror Plating: General	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-05-014-21	Demineralizer: General	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-05-014-99	See Comment	---	---	---	---	---	---	---	---	Tons Produced
<i>Gypsum Manufacture - 3275</i>										
3-05-015-01	Rotary Ore Dryer	0.16	0.013	---	---	---	---	---	---	Square Feet-Hours Flow
3-05-015-02	Primary Grinder/Roller Mills	2.6	2.2	---	---	---	---	---	---	Tons Produced
3-05-015-03	Not Classified	90	---	---	---	---	---	---	---	Tons Throughput
3-05-015-04	Conveying	---	0.15	---	---	---	---	---	---	Tons Throughput
3-05-015-05	Primary Crushing: Gypsum Ore	---	0.26	---	---	---	---	---	---	Tons Processed
3-05-015-06	Secondary Crushing: Gypsum Ore	---	1.13	---	---	---	---	---	---	Tons Processed
3-05-015-07	Screening: Gypsum Ore	---	---	---	---	---	---	---	---	Tons Processed
3-05-015-08	Stockpile: Gypsum Ore	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Gypsum Manufacture - 3275</u>										
3-05-015-09	Storage Bins: Gypsum Ore	---	---	---	---	---	---	---	---	Tons Processed
3-05-015-10	Storage Bins: Landplaster	---	---	---	---	---	---	---	---	Tons Produced
3-05-015-11	Continuous Kettle: Calciner	41	26	---	---	---	---	---	---	Tons Produced
3-05-015-12	Flash Calciner	37	14	---	---	---	---	---	---	Tons Produced
3-05-015-13	Impact Mill	100	85	---	---	---	---	---	---	Tons Produced
3-05-015-14	Storage Bins: Stucco	---	---	---	---	---	---	---	---	Tons Produced
3-05-015-15	Tube/Ball Mills	---	---	---	---	---	---	---	---	Tons Produced
3-05-015-16	Mixers	---	---	---	---	---	---	---	---	Tons Produced
3-05-015-17	Bagging	---	---	---	---	---	---	---	---	Tons Produced
3-05-015-18	Mixers/Conveyors	---	---	---	---	---	---	---	---	Tons Produced
3-05-015-19	Forming Line	---	---	---	---	---	---	---	---	Tons Produced
3-05-015-20	Drying Kiln	---	---	---	---	---	---	---	---	Tons Produced
3-05-015-21	End Sawing (8 Ft.)	8	6.8	---	---	---	---	---	---	1000 Square Feet Sawed
3-05-015-22	End Sawing (12 Ft.)	5	4.25	---	---	---	---	---	---	1000 Square Feet Sawed
3-05-015-99	See Comment	---	---	---	---	---	---	---	---	Tons Throughput
<u>Lime Manufacture - 3274</u>										
3-05-016-01	Primary Crushing	0.017	---	---	---	---	---	---	---	Tons Processed
3-05-016-02	Secondary Crushing/Screening	0.62	---	---	---	---	---	---	---	Tons Processed
3-05-016-03	Calcining: Vertical Kiln	8	5	---	8.2	2.8	0.02	---	---	Tons Produced
3-05-016-04	Calcining: Rotary Kiln (See SCC Codes 3-05-016-18,-19,-20,-21)	350	42	---	6.71	2.8	---	2	---	Tons Produced
3-05-016-05	Calcining: Gas-fired Calcimatic Kiln	97	---	---	---	0.15	---	---	---	Tons Produced
3-05-016-06	Fluidized Bed Kiln	---	---	---	---	---	---	---	---	Tons Produced
3-05-016-07	Raw Material Transfer and Conveying	---	0.18	---	---	---	---	---	---	Tons Processed
3-05-016-08	Raw Material Unloading	---	0.1	---	---	---	---	---	---	Tons Processed
3-05-016-09	Hydrator: Atmospheric	---	---	---	---	---	---	---	---	Tons Produced
3-05-016-10	Raw Material Storage Piles	---	1.4	---	---	---	---	---	---	Tons Processed
3-05-016-11	Product Cooler	6.8	---	---	---	---	---	---	---	Tons Produced
3-05-016-12	Pressure Hydrator	0.1	0.07	---	---	---	---	---	---	Tons Produced
3-05-016-13	Lime Silos	---	---	---	---	---	---	---	---	Tons Produced
3-05-016-14	Packing/Shipping	---	---	---	---	---	---	---	---	Tons Produced
3-05-016-15	Product Transfer and Conveying	2.2	---	---	---	---	---	---	---	Tons Loaded

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Lime Manufacture - 3274</u></i>										
3-05-016-16	Primary Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-016-17	Multiple Hearth Calciner	---	---	---	---	---	---	---	---	Tons Produced
3-05-016-18	Calcining: Coal-fired Rotary Kiln	350	42	2.3	<sup>21</sup> 5.4	3.1	---	1.5	---	Tons Manufactured
3-05-016-19	Calcining: Gas-fired Rotary Kiln	---	---	---	---	3.5	---	2.2	---	Tons Manufactured
3-05-016-20	Calcining: Coal- and Gas-fired Rotary Kiln	80	9.6	---	---	---	---	<sup>27</sup> 0.83	---	Tons Manufactured
3-05-016-21	Calcining: Coal- and Coke-fired Rotary Kiln	---	---	---	---	---	---	---	---	Tons Manufactured
3-05-016-22	Calcining: Coal-fired Rotary Preheater Kiln	---	---	---	---	---	---	---	---	Tons Manufactured
3-05-016-23	Calcining: Gas-fired Parallel Flow Regenerative Kiln	---	---	---	<sup>27</sup> 0.0012	<sup>27</sup> 0.24	---	<sup>27</sup> 0.45	---	Tons Manufactured
3-05-016-24	Conveyor Transfer - Primary Crushed Material	---	---	---	---	---	---	---	---	Tons Processed
3-05-016-25	Secondary/Tertiary Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-016-26	Product Loading, Enclosed Truck	0.61	---	---	---	---	---	---	---	Tons Processed
3-05-016-27	Product Loading, Open Truck	1.5	---	---	---	---	---	---	---	Tons Processed
3-05-016-28	Pulverizing	---	---	---	---	---	---	---	---	Tons Processed
3-05-016-29	Tertiary Screening After Pulverizing	---	---	---	---	---	---	---	---	Tons Processed
3-05-016-30	Screening After Calcination	---	---	---	---	---	---	---	---	Tons Manufactured
3-05-016-31	Crushing and Pulverizing After Calcinating	---	---	---	---	---	---	---	---	Tons Manufactured
3-05-016-32	Milling	---	---	---	---	---	---	---	---	Tons Manufactured
3-05-016-33	Separator After Hydrator	---	---	---	---	---	---	---	---	Tons Processed
3-05-016-40	Vehicle Traffic	---	---	---	---	---	---	---	---	Tons Produced
3-05-016-50	Quarrying Raw Limestone	---	---	---	---	---	---	---	---	Tons Mixed
3-05-016-60	Waste Treatment	---	---	---	---	---	---	---	---	Tons Produced
3-05-016-99	See Comment	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Mineral Wool - 3296</u></i>										
3-05-017-01	Cupola	16	20.2	---	0.02	1.6	---	250	---	Footnote 45
3-05-017-02	Reverberatory Furnace	4.8	4.6	---	---	---	---	---	---	Footnote 45
3-05-017-03	Blow Chamber	12	15.6	---	<sup>21</sup> 0.087	---	0.9	---	---	Footnote 45
3-05-017-04	Curing Oven	3.6	3.8	---	<sup>21</sup> 1.2	0.16	1	---	---	Footnote 45
3-05-017-05	Cooler	2.4	1.9	---	<sup>21</sup> 0.068	---	0.04	---	---	Footnote 45
3-05-017-06	Granulated Products Processing	---	---	---	---	---	---	---	---	Tons Handled
3-05-017-07	Handling Operations	---	---	---	---	---	---	---	---	Tons Handled
3-05-017-08	Packaging Operations	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Mineral Wool - 3296</u></i>										
3-05-017-09	Batt Application	---	---	---	---	---	---	---	---	Tons Processed
3-05-017-10	Storage of Oils and Binders	---	---	---	---	---	---	---	---	Tons Stored
3-05-017-11	Mixing of Oils and Binders	---	---	---	---	---	---	---	---	Tons Processed
3-05-017-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Perlite Manufacturing - 3295</u></i>										
3-05-018-01	Vertical Furnace	21	19	---	---	---	---	---	---	Tons Charged
3-05-018-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Phosphate Rock - 1475</u></i>										
3-05-019-01	Drying	5.7	4.8	---	---	---	---	0.34	---	Tons Processed
3-05-019-02	Grinding	1.5	0.93	---	---	---	---	---	---	Tons Processed
3-05-019-03	Transfer/Storage	2	1	---	---	---	---	---	---	Tons Processed
3-05-019-04	Open Storage	40	14.4	---	---	---	---	---	---	Tons Processed
3-05-019-05	Calcining	15	15	---	---	---	---	---	---	Tons Processed
3-05-019-06	Rotary Dryer	---	---	---	---	---	---	---	---	Tons Dried
3-05-019-07	Ball Mill	1.46	0.45	---	---	---	---	---	---	Tons Milled
3-05-019-08	Mineral Products Benification	---	---	---	---	---	---	---	---	Tons Processed
3-05-019-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Stone Quarrying - Processing (See also 305320) - 1411, 1422, 1423, 1429, 1499</u></i>										
3-05-020-01	Primary Crushing	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-02	Secondary Crushing/Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-03	Tertiary Crushing/Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-04	Recrushing/Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-05	Fines Mill	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-06	Miscellaneous Operations: Screen/Convey/Handling	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-07	Open Storage	---	0.12	---	---	---	---	---	---	Ton-Years Stored
3-05-020-08	Cut Stone: General	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-09	Blasting: General	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-10	Drilling	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-11	Hauling	---	6.2	---	---	---	---	---	---	Miles Travelled
3-05-020-12	Drying	---	5	---	---	---	---	---	---	Tons Dried
3-05-020-13	Bar Grizzlies	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Stone Quarrying - Processing (See also 305320) - 1411, 1422, 1423, 1429, 1499</u>										
3-05-020-14	Shaker Screens	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-15	Vibrating Screens	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-16	Revolving Screens	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-17	Pugmill	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-18	Drilling with Liquid Injection	---	---	---	---	---	---	---	---	Feet Drilled
3-05-020-20	Drilling	---	---	---	---	---	---	---	---	Feet Drilled
3-05-020-21	Fines Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-31	Truck Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-05-020-32	Truck Loading: Conveyor	---	---	---	---	---	---	---	---	Tons Loaded
3-05-020-33	Truck Loading: Front End Loader	---	---	---	---	---	---	---	---	Tons Loaded
3-05-020-99	Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Salt Mining - 1499</u>										
3-05-021-01	General	---	---	---	---	---	---	---	---	Tons Mined
3-05-021-02	Granulation: Stack Dryer	---	---	---	---	---	---	---	---	Tons Granulated
3-05-021-03	Filtration: Vacuum Filter	---	---	---	---	---	---	---	---	Tons Produced
3-05-021-04	Crushing	---	---	---	---	---	---	---	---	Tons Handled
3-05-021-05	Screening	---	---	---	---	---	---	---	---	Tons Handled
3-05-021-06	Conveying	---	---	---	---	---	---	---	---	Tons Handled
<u>Potash Production - 1474</u>										
3-05-022-01	Mine: Grinding/Drying	---	13.5	---	---	---	---	---	---	Tons Processed
3-05-022-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Magnesium Carbonate - 1459</u>										
3-05-024-01	Mine/Process	---	---	---	---	---	---	---	---	Tons Produced
3-05-024-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Construction Sand and Gravel - 1442, 1446</u>										
3-05-025-01	Total Plant: General	0.1	---	---	---	---	---	---	---	Tons Produced
3-05-025-02	Aggregate Storage	---	0.12	---	---	---	---	---	---	Tons Produced
3-05-025-03	Material Transfer and Conveying	0.029	0.0064	---	---	---	---	---	---	Tons Produced
3-05-025-04	Hauling	---	6.2	---	---	---	---	---	---	Miles Travelled
3-05-025-05	Pile Forming: Stacker	---	0.06	---	---	---	---	---	---	Tons Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Construction Sand and Gravel - 1442, 1446</u></i>										
3-05-025-06	Bulk Loading	0.02	0.0024	---	---	---	---	---	---	Tons Produced
3-05-025-07	Storage Piles	---	1329	---	---	---	---	---	---	Acre-Years Existing
3-05-025-08	Dryer (See 3-05-027-20 thru -24 for Industrial Sand Dryers)	---	---	---	---	---	---	---	---	Tons Produced
3-05-025-09	Cooler (See 3-05-027-30 for Industrial Sand Coolers)	---	---	---	---	---	---	---	---	Tons Produced
3-05-025-10	Crushing	---	---	---	---	---	---	---	---	Tons Produced
3-05-025-11	Screening	---	0.12	---	---	---	---	---	---	Tons Produced
3-05-025-12	Overburden Removal	---	---	---	---	---	---	---	---	Tons Processed
3-05-025-13	Excavating	---	---	---	---	---	---	---	---	Tons Processed
3-05-025-14	Drilling and Blasting	---	---	---	---	---	---	---	---	Tons Produced
3-05-025-22	Rodmilling: Fine Crushing of Construction Sand	---	---	---	---	---	---	---	---	Tons Produced
3-05-025-23	Fine Screening of Construction Sand Following Dewatering or Rodmilling	---	---	---	---	---	---	---	---	Tons Produced
3-05-025-99	Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Diatomaceous Earth - 1499, 3295</u></i>										
3-05-026-01	Handling	---	---	---	---	---	---	---	---	Tons Produced
3-05-026-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Industrial Sand and Gravel - 1423, 3273</u></i>										
3-05-027-01	Primary Crushing of Raw Material	---	---	---	---	---	---	---	---	Tons Processed
3-05-027-05	Secondary Crushing	---	---	---	---	---	---	---	---	Tons Processed
3-05-027-09	Grinding: Size Reduction to 50 Microns or Smaller	---	---	---	---	---	---	---	---	Tons Processed
3-05-027-13	Screening: Size Classification	---	---	---	---	---	---	---	---	Tons Processed
3-05-027-17	Draining: Removal of Moisture to About 6% After Froth Flotation	---	---	---	---	---	---	---	---	Tons Fed
3-05-027-20	Sand Drying: Gas- or Oil-fired Rotary or Fluidized Bed Dryer	2	---	---	---	0.031	---	---	---	Tons Produced
3-05-027-21	Sand Drying: Gas-fired Rotary Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-05-027-22	Sand Drying: Oil-fired Rotary Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-05-027-23	Sand Drying: Gas-fired Fluidized Bed Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-05-027-24	Sand Drying: Oil-fired Fluidized Bed Dryer	---	---	---	---	---	---	---	---	Tons Produced
3-05-027-30	Cooling of Dried Sand	---	---	---	---	---	---	---	---	Tons Cooled
3-05-027-40	Final Classifying: Screening to Classify Sand by Size	---	---	---	---	---	---	---	---	Tons Produced
3-05-027-60	Sand Handling, Transfer, and Storage	---	---	---	---	---	---	---	---	Tons Stored

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Lightweight Aggregate Manufacture - 3295</u>										
3-05-029-10	Rotary Kiln	130	---	0.84	5.6	---	---	0.59	---	Tons Fed
3-05-029-20	Clinker Cooler	---	---	---	---	---	---	---	---	Tons Fed
<u>Ceramic Electric Parts - 3264</u>										
3-05-030-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Asbestos Mining - 1499</u>										
3-05-031-01	Surface Blasting	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-02	Surface Drilling	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-03	Cobbing	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-04	Loading	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-05	Convey/Haul Asbestos	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-06	Convey/Haul Waste	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-07	Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-08	Overburden Stripping	---	---	---	---	---	---	---	---	Tons Removed
3-05-031-09	Ventilation of Process Operations	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-10	Stockpiling	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-11	Tailing Piles	---	---	---	---	---	---	---	---	Tons Processed
3-05-031-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Asbestos Milling - 1499</u>										
3-05-032-01	Crushing	---	---	---	---	---	---	---	---	Tons Processed
3-05-032-02	Drying	---	---	---	---	---	---	---	---	Tons Processed
3-05-032-03	Recrushing	---	---	---	---	---	---	---	---	Tons Processed
3-05-032-04	Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-032-05	Fiberizing	---	---	---	---	---	---	---	---	Tons Processed
3-05-032-06	Bagging	---	---	---	---	---	---	---	---	Tons Processed
3-05-032-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Vermiculite - 1499</u>										
3-05-033-01	General	---	---	---	0.47	0.08	---	---	---	Tons Produced
3-05-033-12	Screening of Crude Vermiculite Ore	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-033-19	Blending of Vermiculite Ore	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-033-21	Vermiculite Concentrate Drying: Rotary Dryer, Gas-fired	---	---	---	---	---	---	---	---	1000 Pounds Fed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Vermiculite - 1499</u></i>										
3-05-033-22	Vermiculite Concentrate Drying: Rotary Dryer, Oil-fired	---	---	---	---	---	---	---	---	1000 Pounds Fed
3-05-033-26	Vermiculite Concentrate Drying: Fluidized Bed Dryer, Gas-fired	---	---	---	---	---	---	---	---	1000 Pounds Fed
3-05-033-27	Vermiculite Concentrate Drying: Fluidized Bed Dryer, Oil-fired	---	---	---	---	---	---	---	---	1000 Pounds Fed
3-05-033-31	Crushing of Dried Vermiculite Concentrate	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-033-36	Screening: Size Classification of Crushed Vermiculite Concentrate	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-033-41	Conveying of Vermiculite Concentrate to Storage	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-033-51	Exfoliation of Vermiculite Concentrate: Gas-fired Vertical Furnace	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-05-033-52	Exfoliation of Vermiculite Concentrate: Oil-fired Vertical Furnace	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-05-033-61	Product Grinding: Grinding of Exfoliated Vermiculite	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-05-033-66	Product Classifying: Air Classification of Exfoliated Vermiculite	---	---	---	---	---	---	---	---	1000 Pounds Produced
<i><u>Feldspar - 1459</u></i>										
3-05-034-01	Ball Mill	25.8	8.4	---	---	---	---	---	---	Tons Milled
3-05-034-02	Dryer	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Abrasive Grain Processing - 3291</u></i>										
3-05-035-01	Primary Crushing	---	---	---	---	---	---	---	---	Tons Processed
3-05-035-02	Secondary Crushing	---	---	---	---	---	---	---	---	Tons Processed
3-05-035-03	Final Crushing	---	---	---	---	---	---	---	---	Tons Processed
3-05-035-04	Crushed Grain Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-035-05	Washing/Drying	---	---	---	---	---	---	---	---	Tons Processed
3-05-035-06	Final Screening	---	---	---	---	---	---	---	---	Tons Processed
3-05-035-07	Air Classification	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Bonded Abrasives Manufacturing - 3291</u></i>										
3-05-036-01	Mixing	---	---	---	---	---	---	---	---	Tons Processed
3-05-036-02	Molding	---	---	---	---	---	---	---	---	Tons Processed
3-05-036-03	Steam Autoclaving	---	---	---	---	---	---	---	---	Tons Processed
3-05-036-04	Drying	---	---	---	---	---	---	---	---	Tons Processed
3-05-036-05	Firing or Curing	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Bonded Abrasives Manufacturing - 3291</u></i>										
3-05-036-06	Cooling	---	---	---	---	---	---	---	---	Tons Processed
3-05-036-07	Final Machining	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Coated Abrasives Manufacturing - 3291</u></i>										
3-05-037-01	Printing of Backing	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-05-037-02	Make Coat Application	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-05-037-03	Grain Application	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-05-037-04	Drying	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-05-037-05	Size Coat Application	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-05-037-06	Final Drying and Curing	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-05-037-07	Roll Winding	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-05-037-08	Final Production	---	---	---	---	---	---	---	---	1000 Square Feet Processed
<i><u>Pyrrhotite - 1479</u></i>										
3-05-039-01	Fluid Bed Roaster	---	---	---	---	---	---	---	---	Tons Processed
3-05-039-02	Reduction Kiln	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Mining and Quarrying of Nonmetallic Minerals - 1400</u></i>										
3-05-040-01	Open Pit Blasting	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-02	Open Pit Drilling	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-03	Open Pit Cobbing	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-10	Underground Ventilation	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-20	Loading	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-21	Convey/Haul Material	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-22	Convey/Haul Waste	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-23	Unloading	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-24	Overburden Stripping	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-25	Stockpiling	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-30	Primary Crusher	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-31	Secondary Crusher	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-32	Ore Concentrator	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-33	Ore Dryer	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-34	Screening	---	---	---	---	---	---	---	---	100 Tons Processed
3-05-040-36	Tailing Piles	---	---	---	---	---	---	---	---	100 Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Mining and Quarrying of Nonmetallic Minerals - 1400</u>										
3-05-040-99	Other Not Classified	---	---	---	---	---	---	---	---	100 Tons Processed
<u>Clay processing: Kaolin - multiple (See Appendix D)</u>										
3-05-041-01	Mining	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-02	Raw material storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-03	Raw material transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-15	Raw material crushing, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-19	Raw material grinding, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-29	Screening, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-30	Drying, rotary dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-31	Drying, spray dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-32	Drying, apron dryer	1.2	---	---	---	---	---	---	---	Tons Produced
3-05-041-33	Drying, vibrating grate dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-39	Drying, dryer NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-40	Calcining, rotary calciner	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-41	Calcining, multiple hearth furnace	34	16	---	---	---	---	---	---	Tons Produced
3-05-041-42	Calcining, flash calciner	1100	560	---	---	---	---	---	---	Tons Produced
3-05-041-49	Calcining, calciner NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-50	Product grinding	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-51	Product screening/classification	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-60	Bleaching	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-70	Product transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-71	Product storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-041-72	Product packaging	---	---	---	---	---	---	---	---	Tons Processed
<u>Clay processing: Ball clay - multiple (See Appendix D)</u>										
3-05-042-01	Mining	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-02	Raw material storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-03	Raw material transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-15	Raw material crushing, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-19	Raw material grinding, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-30	Drying, rotary dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-31	Drying, spray dryer	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Clay processing: Ball clay - multiple (See Appendix D)</i>										
3-05-042-32	Drying, apron dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-33	Drying, vibrating grate dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-39	Drying, dryer NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-50	Product grinding	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-70	Product transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-71	Product storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-042-72	Product packaging	---	---	---	---	---	---	---	---	Tons Processed
<i>Clay processing: Fire clay - multiple (See Appendix D)</i>										
3-05-043-01	Mining	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-02	Raw material storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-03	Raw material transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-15	Raw material crushing, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-19	Raw material grinding, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-29	Screening, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-30	Drying, rotary dryer	65	16	---	---	---	---	---	---	Tons Processed
3-05-043-31	Drying, spray dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-32	Drying, apron dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-33	Drying, vibrating grate dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-39	Drying, dryer NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-40	Calcining, rotary calciner	120	14	---	---	<sup>27</sup> 1.7	---	---	---	Tons Processed
3-05-043-41	Calcining, multiple hearth furnace	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-42	Calcining, flash calciner	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-49	Calcining, calciner NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-50	Product grinding	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-51	Product screening/classification	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-70	Product transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-71	Product storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-043-72	Product packaging	---	---	---	---	---	---	---	---	Tons Processed
<i>Clay processing: Bentonite - multiple (See Appendix D)</i>										
3-05-044-01	Mining	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-02	Raw material storage	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Clay processing: Bentonite - multiple (See Appendix D)</i>										
3-05-044-03	Raw material transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-15	Raw material crushing, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-19	Raw material grinding, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-30	Drying, rotary dryer	290	20	---	---	---	---	---	---	Tons Produced
3-05-044-31	Drying, spray dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-32	Drying, apron dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-33	Drying, vibrating grate dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-39	Drying, dryer NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-50	Product grinding	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-51	Product screening/classification	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-70	Product transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-71	Product storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-044-72	Product packaging	---	---	---	---	---	---	---	---	Tons Processed
<i>Clay processing: Fuller's earth - multiple (See Appendix D)</i>										
3-05-045-01	Mining	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-02	Raw material storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-03	Raw material transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-15	Raw material crushing, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-19	Raw material grinding, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-30	Drying, rotary dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-31	Drying, spray dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-32	Drying, apron dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-33	Drying, vibrating grate dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-39	Drying, dryer NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-50	Product grinding	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-51	Product screening/classification	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-70	Product transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-71	Product storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-045-72	Product packaging	---	---	---	---	---	---	---	---	Tons Processed
<i>Clay processing: Common clay and shale, NEC - multiple (See Appendix D)</i>										
3-05-046-01	Mining	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Clay processing: Common clay and shale, NEC - multiple (See Appendix D)</i>										
3-05-046-02	Raw material storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-03	Raw material transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-15	Raw material crushing, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-19	Raw material grinding, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-29	Screening, NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-30	Drying, rotary dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-31	Drying, spray dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-32	Drying, apron dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-33	Drying, vibrating grate dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-39	Drying, dryer NEC	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-70	Product transfer	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-71	Product storage	---	---	---	---	---	---	---	---	Tons Processed
3-05-046-72	Product packaging	---	---	---	---	---	---	---	---	Tons Processed
<i>Asphalt Processing (Blowing) - 1442</i>										
3-05-050-01	Asphalt Processing (Blowing)	---	---	---	---	---	---	---	---	Tons Processed
3-05-050-05	Asphalt Storage (Prior to Blowing)	---	---	---	---	---	---	---	---	Tons Processed
3-05-050-10	Asphalt Blowing Still	---	---	---	---	---	---	---	---	Tons Processed
3-05-050-20	Asphalt Heater: Natural Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-05-050-21	Asphalt Heater: Residual Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-05-050-22	Asphalt Heater: Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-05-050-23	Asphalt Heater: LP Gas	---	---	---	---	---	---	---	---	1000 Gallons Burned
<i>Talc Processing - 1499, 3295</i>										
3-05-089-06	Storage of Raw Mined Talc Before Processing	---	---	---	---	---	---	---	---	1000 Pounds Stored
3-05-089-08	Conveyor Transfer of Raw Talc to Primary Crusher	---	---	---	---	---	---	---	---	1000 Pounds Conveyed
3-05-089-09	Natural Gas Fired Crude Ore Dryer	---	---	---	---	---	---	---	---	1000 Pounds Dried
3-05-089-10	Fuel Oil Fired Crude Ore Dryer	---	---	---	---	---	---	---	---	1000 Pounds Dried
3-05-089-11	Primary crusher	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-05-089-12	Crushed Talc Railcar Loading	---	---	---	---	---	---	---	---	1000 Pounds Loaded
3-05-089-14	Crushed Talc Storage Bin Loading	---	---	---	---	---	---	---	---	1000 Pounds Loaded
3-05-089-17	Screening Oversize Ore to Return to Primary Crusher	---	---	---	---	---	---	---	---	1000 Pounds Screened
3-05-089-21	Natural Gas-fired Rotary Dryer	---	---	---	---	---	---	---	---	1000 Pounds Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Talc Processing - 1499, 3295</i></u>										
3-05-089-23	Fuel Oil-fired Rotary Dryer	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-05-089-31	Natural Gas-fired Rotary Calciner	---	---	---	---	---	---	---	---	1000 Pounds Calcined
3-05-089-33	Fuel Oil-fired Rotary Calciner	---	---	---	---	---	---	---	---	1000 Pounds Calcined
3-05-089-41	Rotary Cooler Following Calciner	---	---	---	---	---	---	---	---	1000 Pounds Cooled
3-05-089-45	Grinding of Dried Talc	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-089-47	Grinding/Drying of Talc with Heated Makeup Air	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-089-49	Ground Talc Storage Bin Loading	---	---	---	---	---	---	---	---	1000 Pounds Loaded
3-05-089-50	Air Classifier - Size Classification of Ground Talc	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-089-53	Pelletizer	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-089-55	Pellet Dryer	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-089-58	Pneumatic Conveyor Vents	---	---	---	---	---	---	---	---	1000 Pounds Conveyed
3-05-089-61	Concentration of Talc Fines Using Shaking Table	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-089-71	Natural Gas-fired Flash Drying of Slurry after Flotation	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-05-089-73	Fuel Oil-fired Flash Drying of Slurry after Flotation	---	---	---	---	---	---	---	---	1000 Pounds Produced
3-05-089-82	Custom Grinding - Additional Size Reduction	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-05-089-85	Final Product Storage Bin Loading	---	---	---	---	---	---	---	---	1000 Pounds Loaded
3-05-089-88	Packaging	---	---	---	---	---	---	---	---	1000 Pounds Processed
<u><i>Mica - 1411, 1429</i></u>										
3-05-090-01	Rotary Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-05-090-02	Fluid Energy Mill - Grinding	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Sandspar - 1400</i></u>										
3-05-091-01	Rotary Dryer	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Catalyst Manufacturing - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></u>										
3-05-092-01	Transferring and Handling	---	---	---	---	---	---	---	---	Tons Processed
3-05-092-02	Mixing and Blending	---	---	---	---	---	---	---	---	Tons Processed
3-05-092-03	Reacting	---	---	---	---	---	---	---	---	Tons Processed
3-05-092-04	Drying	---	---	---	---	---	---	---	---	Tons Processed
3-05-092-05	Storage	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Bulk Materials Elevators - 4491</i></u>										
3-05-100-01	Unloading	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><i>Bulk Materials Elevators - 4491</i></b>										
3-05-100-02	Loading	---	---	---	---	---	---	---	---	Tons Processed
3-05-100-03	Removal from Bins	---	---	---	---	---	---	---	---	Tons Processed
3-05-100-04	Drying	---	---	---	---	---	---	---	---	Tons Processed
3-05-100-05	Cleaning	---	---	---	---	---	---	---	---	Tons Processed
3-05-100-06	Elevator Legs (Headhouse)	---	---	---	---	---	---	---	---	Tons Processed
3-05-100-07	Tripper (Gallery Belt)	---	---	---	---	---	---	---	---	Tons Processed
<b><i>Bulk Materials Conveyors - 4491</i></b>										
3-05-101-01	Ammonium Sulfate	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-02	Cement	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-03	Coal	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-04	Coke	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-05	Limestone	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-06	Phosphate Rock	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-07	Scrap Metal	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-08	Sulfur	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-96	Chemical: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-97	Fertilizer: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-98	Mineral: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-101-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<b><i>Bulk Materials Storage Bins - 4491</i></b>										
3-05-102-01	Ammonium Sulfate	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-02	Cement	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-03	Coal	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-04	Coke	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-05	Limestone	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-06	Phosphate Rock	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-07	Scrap Metal	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-08	Sulfur	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-09	Sand	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-96	Chemical: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-97	Fertilizer: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Bulk Materials Storage Bins - 4491</u></i>										
3-05-102-98	Mineral: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-102-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Bulk Materials Open Stockpiles - 4491</u></i>										
3-05-103-01	Ammonium Sulfate	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-02	Cement	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-03	Coal	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-04	Coke	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-05	Limestone	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-06	Phosphate Rock	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-07	Scrap Metal	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-08	Sulfur	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-09	Sand	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-10	Fluxes	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-96	Chemical: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-97	Fertilizer: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-98	Mineral: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-103-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Bulk Materials Unloading Operation - 4491</u></i>										
3-05-104-01	Ammonium Sulfate	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-02	Cement	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-03	Coal	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-04	Coke	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-05	Limestone	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-06	Phosphate Rock	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-07	Scrap Metal	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-08	Sulfur	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-96	Chemical: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-97	Fertilizer: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-98	Mineral: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-104-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Bulk Materials Loading Operation - 4491</i></u>										
3-05-105-01	Ammonium Sulfate	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-02	Cement	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-03	Coal	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-04	Coke	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-05	Limestone	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-06	Phosphate Rock	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-07	Scrap Metal	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-08	Sulfur	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-96	Chemical: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-97	Fertilizer: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-98	Mineral: Specify in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-05-105-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Bulk Materials Screening/Size Classification - 1410, 1420, 1422, 1423, 1429, 1440, 1442, 1446</i></u>										
3-05-106-04	Coke	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Bulk Materials Separation: Cyclones - 1410, 1420, 1422, 1423, 1429, 1440, 1442, 1446</i></u>										
3-05-107-08	Sulfur	---	---	---	---	---	---	---	---	Tons Processed
3-05-107-09	Bauxite	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Bulk Materials: Grinding/Crushing - 1410, 1420, 1422, 1423, 1429, 1440, 1442, 1446</i></u>										
3-05-108-08	Sulfur	---	---	---	---	---	---	---	---	Tons Processed
3-05-108-09	Bauxite	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Calcining - 4491</i></u>										
3-05-150-01	Raw Material Handling	---	---	---	---	---	---	---	---	Tons Throughput
3-05-150-02	General	---	---	---	---	---	---	---	---	Tons Throughput
3-05-150-03	Grinding/Milling	---	---	---	---	---	---	---	---	Tons Throughput
3-05-150-04	Finished Product Handling	---	---	---	---	---	---	---	---	Tons Throughput
3-05-150-05	Mixing	---	---	---	---	---	---	---	---	Tons Throughput
<u><i>Coal Mining, Cleaning, and Material Handling (See 305010) - 4911</i></u>										
3-05-310-01	Fluidized Bed	26000	---	42	1400	160	98	---	---	1000 Tons Dried
3-05-310-02	Flash or Suspension	16000	---	---	520	---	---	---	---	Footnote 57
3-05-310-03	Multilouvered	3700	---	75	---	---	---	---	---	1000 Tons Dried

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Coal Mining, Cleaning, and Material Handling (See 305010) - 4911</i>										
3-05-310-04	Rotary	---	---	---	---	---	---	---	---	1000 Tons Dried
3-05-310-05	Cascade	---	---	---	---	---	---	---	---	1000 Tons Dried
3-05-310-06	Continuous Carrier	---	---	---	---	---	---	---	---	1000 Tons Dried
3-05-310-07	Screen	---	---	---	---	---	---	---	---	1000 Tons Dried
3-05-310-08	Unloading	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-09	Raw Coal Storage	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-10	Crushing	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-11	Coal Transfer	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-12	Screening	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-13	Air Tables	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-14	Cleaned Coal Storage	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-15	Loading	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-16	Loading: Clean Coal	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-17	Secondary Crushing	---	---	---	---	---	---	---	---	1000 Tons Shipped
3-05-310-90	Haul Roads: General	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-310-99	Other Not Classified	---	---	---	---	---	---	---	---	1000 Tons Shipped
<i>Stone Quarrying - Processing (See also 305020 for diff. units) - 3255</i>										
3-05-320-01	Primary Crushing	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-02	Secondary Crushing/Screening	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-03	Tertiary Crushing/Screening	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-04	Recrushing/Screening	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-05	Fines Mill	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-06	Miscellaneous Operations: Screen/Convey/Handling	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-07	Open Storage	---	---	---	---	---	---	---	---	1000 Ton-Years Stored
3-05-320-08	Cut Stone: General	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-09	Blasting: General	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-10	Drilling	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-11	Hauling	---	---	---	---	---	---	---	---	1000 Miles Travelled
3-05-320-12	Drying	---	---	---	---	---	---	---	---	1000 Tons Dried
3-05-320-13	Bar Grizzlies	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-14	Shaker Screens	---	---	---	---	---	---	---	---	1000 Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Stone Quarrying - Processing (See also 305020 for diff. units) - 3255</u>										
3-05-320-15	Vibrating Screens	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-16	Revolving Screens	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-17	Pugmill	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-18	Drilling with Liquid Injection	---	---	---	---	---	---	---	---	1000 Feet Drilled
3-05-320-20	Drilling	---	---	---	---	---	---	---	---	1000 Feet Drilled
3-05-320-31	Truck Unloading	---	---	---	---	---	---	---	---	1000 Tons Processed
3-05-320-32	Truck Loading: Conveyor	---	---	---	---	---	---	---	---	1000 Tons Loaded
3-05-320-33	Truck Loading: Front End Loader	---	---	---	---	---	---	---	---	1000 Tons Loaded
3-05-320-90	Haul Roads - General	---	---	---	---	---	---	---	---	1000 Tons Transported
<u>Equipment Leaks - 1400</u>										
3-05-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 1400</u>										
3-05-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-05-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 1400</u>										
3-05-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fugitive Emissions - 1100, 1400, 2900, 4400</u>										
3-05-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-05-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-05-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-05-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-05-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
<u>Fuel Fired Equipment - 1100, 1400, 2900, 4400</u>										
3-05-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-05-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-05-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-05-900-05	Liquified Petroleum Gas (LPG): Process Heaters	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-05-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
3-05-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-05-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fuel Fired Equipment - 1100, 1400, 2900, 4400</u></i>										
3-05-900-21	Distillate Oil (No. 2): Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-05-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
<i><u>Other Not Defined - 1100, 1400, 2900, 4400</u></i>										
3-05-999-99	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
<i><u>INDUSTRIAL PROCESSES -Petroleum Industry</u></i>										
<i><u>Process Heaters - 2911</u></i>										
3-06-001-01	Oil-fired	504S	---	---	6678S	2310	12.6	---	0.0000021	Footnote 58
3-06-001-02	Gas-fired	---	---	---	0.95S	0.14	---	0.03	---	1000 Cubic Feet Burned
3-06-001-03	Oil-fired	12S	7.4S	---	158.6S	55	0.3	5	---	1000 Gallons Burned
3-06-001-04	Gas-fired	1.9	3	5.7	---	100	5.5	84	---	Million Cubic Feet Burned
3-06-001-05	Natural Gas-fired	3	3	---	0.6	140	2.8	35	---	Million Cubic Feet Burned
3-06-001-06	Process Gas-fired	3	3	---	---	140	2.8	35	---	Million Cubic Feet Burned
3-06-001-07	LPG-fired	0.27	0.27	---	---	12.8	0.26	3.2	---	1000 Gallons Burned
3-06-001-08	Landfill Gas-fired	---	---	---	---	---	2.8	---	---	Million Cubic Feet Burned
3-06-001-11	Oil-fired (No. 6 Oil) > 100 Million Btu Capacity	13S	---	---	159.3S	67	---	5	---	1000 Gallons Burned
3-06-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Heated
<i><u>Catalytic Cracking Units - 2911</u></i>										
3-06-002-01	Fluid Catalytic Cracking Unit	242	---	---	493	71	220	13700	---	1000 Barrels Processed
3-06-002-02	Catalyst Handling System	---	---	---	---	---	---	---	---	1000 Barrels Processed
<i><u>Catalytic Cracking Units - 2911</u></i>										
3-06-003-01	Thermal Catalytic Cracking Unit	17	11.9	---	60	5	87	3800	---	1000 Barrels Processed
<i><u>Blowdown Systems - 2911</u></i>										
3-06-004-01	Blowdown System with Vapor Recovery System with Flaring	---	---	---	26.9	18.9	0.8	4.3	---	1000 Barrels Processed
3-06-004-02	Blowdown System w/o Controls	---	---	---	---	---	580	---	---	1000 Barrel-Years Capacity
<i><u>Wastewater Treatment - 2911</u></i>										
3-06-005-03	Process Drains and Wastewater Separators	---	---	---	---	---	5	---	---	1000 Gallons Processed
3-06-005-04	Process Drains and Wastewater Separators	---	---	---	---	---	200	---	---	1000 Barrels Processed
3-06-005-05	Wastewater Treatment w/o Separator	---	---	---	---	---	0.03	---	---	1000 Gallons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Wastewater Treatment - 2911</u></i>										
3-06-005-06	Wastewater Treatment w/o Separator	---	---	---	---	---	0.7	---	---	1000 Barrels Processed
3-06-005-08	Oil/Water Separator	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-005-10	Liquid-Liquid Separator: Hydrocarbon/Amine	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-005-11	Sour Water Treating	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-005-14	Petroleum Refinery Wastewater System: Junction Box	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-005-15	Petroleum Refinery Wastewater System: Lift Station	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-005-16	Petroleum Refinery Wastewater System: Aerated Impoundment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-005-17	Petroleum Refinery Wastewater System: Non-aerated Impoundment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-005-18	Petroleum Refinery Wastewater System: Weir	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-005-19	Petroleum Refinery Wastewater System: Activated Sludge Impoundment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-005-20	Petroleum Refinery Wastewater System: Clarifier	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-005-21	Petroleum Refinery Wastewater System: Open Trench	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-005-22	Petroleum Refinery Wastewater System: Auger Pumps	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Vacuum Distillate Column Condensers - 2911</u></i>										
3-06-006-02	Vacuum Distillation Column Condenser	---	---	---	---	---	50	---	---	1000 Barrels Processed
3-06-006-03	Vacuum Distillation Column Condenser	---	---	---	---	---	18	---	---	1000 Barrels Processed
<i><u>Cooling Towers - 2911</u></i>										
3-06-007-01	Cooling Towers	---	---	---	---	---	6	---	---	Million Gallons Circulated
3-06-007-02	Cooling Towers	---	---	---	---	---	10	---	---	1000 Barrels Processed
<i><u>Fugitive Emissions - 2911</u></i>										
3-06-008-01	Pipeline Valves and Flanges	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-008-02	Vessel Relief Valves	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-008-03	Pump Seals w/o Controls	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-008-04	Compressor Seals	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-008-05	Miscellaneous: Sampling/Non-Asphalt Blowing/Purging/etc.	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-008-06	Pump Seals with Controls	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-008-07	Blind Changing	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-008-11	Pipeline Valves: Gas Streams	---	---	---	---	---	516.8	---	---	Each-Year Operating



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fugitive Emissions - 2911</u></i>										
3-06-008-12	Pipeline Valves: Light Liquid/Gas Streams	---	---	---	---	---	210.2	---	---	Each-Year Operating
3-06-008-13	Pipeline Valves: Heavy Liquid Streams	---	---	---	---	---	4.38	---	---	Each-Year Operating
3-06-008-14	Pipeline Valves: Hydrogen Streams	---	---	---	---	---	157.7	---	---	Each-Year Operating
3-06-008-15	Open-ended Valves: All Streams	---	---	---	---	---	43.8	---	---	Each-Year Operating
3-06-008-16	Flanges: All Streams	---	---	---	---	---	4.9	---	---	Each-Year Operating
3-06-008-17	Pump Seals: Light Liquid/Gas Streams	---	---	---	---	---	2190	---	---	Each-Year Operating
3-06-008-18	Pump Seals: Heavy Liquid Streams	---	---	---	---	---	403	---	---	Each-Year Operating
3-06-008-19	Compressor Seals: Gas Streams	---	---	---	---	---	12260	---	---	Each-Year Operating
3-06-008-20	Compressor Seals: Heavy Liquid Streams	---	---	---	---	---	963.6	---	---	Each-Year Operating
3-06-008-21	Drains: All Streams	---	---	---	---	---	613.2	---	---	Each-Year Operating
3-06-008-22	Vessel Relief Valves: All Streams	---	---	---	---	---	3154	---	---	Each-Year Operating
<i><u>Flares - 2900</u></i>										
3-06-009-01	Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-06-009-02	Residual Oil	---	---	---	---	---	---	---	---	Million Gallons Burned
3-06-009-03	Natural Gas	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-06-009-04	Process Gas	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-06-009-05	Liquified Petroleum Gas	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-06-009-06	Hydrogen Sulfide	---	---	---	---	---	---	---	---	Tons Burned
3-06-009-99	Not Classified	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<i><u>Sludge Converter - 2999</u></i>										
3-06-010-01	General	---	---	---	---	---	35.6	---	---	Tons Processed
3-06-010-11	Oil/Sludge Dewatering Unit: General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<i><u>Asphalt Blowing - 2911</u></i>										
3-06-011-01	General	---	---	---	---	---	60	---	---	Tons Produced
<i><u>Fluid Coking Units - 2911</u></i>										
3-06-012-01	General	---	366	---	---	---	16	---	---	1000 Barrels Processed
<i><u>Coke Handling System - 2911</u></i>										
3-06-013-01	Storage and Transfer	---	---	---	---	---	---	---	---	Tons Handled
<i><u>Petroleum Coke Calcining - 2911</u></i>										
3-06-014-01	Coke Calciner	---	---	---	16	1.1	0.7	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Petroleum Coke Calcining - 2911</u>										
3-06-014-02	Delayed Coking	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Bauxite Burning - 2911</u>										
3-06-015-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Used
<u>Catalytic Reforming Unit - 2911</u>										
3-06-016-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-016-02	Alkylation Feed Treater	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-016-03	Alkylation Unit: Hydrofluoric Acid	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-016-04	Alkylation Unit: Sulfuric Acid	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Catalytic Hydrotreating Unit - 2911</u>										
3-06-017-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Hydrogen Generation Unit - 2911</u>										
3-06-018-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Merox Treating Unit - 2911</u>										
3-06-019-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Crude Unit Atmospheric Distillation - 2911</u>										
3-06-020-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Light Ends Fractionation Unit - 2911</u>										
3-06-021-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Gasoline Blending Unit - 2911</u>										
3-06-022-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Hydrocracking Unit - 2911</u>										
3-06-023-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Reciprocating Engine Compressors - 2911</u>										
3-06-024-01	Natural Gas Fired	---	---	---	---	---	---	---	---	
<u>Sour Gas Treating Unit - 2911</u>										
3-06-032-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Desulfurization - 1311, 2911</u>										
3-06-033-01	Sulfur Recovery Unit	---	---	---	---	---	---	---	---	Tons Recovered

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Incinerators - 2911</u></i>										
3-06-099-01	Distillate Oil (No. 2)	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
3-06-099-02	Residual Oil	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-06-099-03	Natural Gas	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-06-099-04	Process Gas	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-06-099-05	Liquified Petroleum Gas	---	---	---	---	---	---	---	---	1000 Gallons Burned
<i><u>Lube Oil Refining - 2922</u></i>										
3-06-100-01	General	---	---	---	---	---	---	---	---	1000 Barrels Processed
<i><u>Underground Storage Remediation and Other Remediation - 9711</u></i>										
3-06-220-01	Soil: General	---	---	---	---	---	---	---	---	Tons Processed
3-06-220-02	Soil: Residual Oil	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-220-03	Soil: Natural Gas	---	---	---	---	---	---	---	---	Cubic Feet Burned
3-06-220-04	Soil: Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-06-220-05	Soil: LPG	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-220-06	Soil: Waste Oil	---	---	---	---	---	---	---	---	1000 Gallons Processed
<i><u>Underground Storage Remediation and Other Remediation - 9711</u></i>										
3-06-222-01	Vapor Extract: General	---	---	---	---	---	---	---	---	Cubic Feet Processed
3-06-222-02	Vapor Extract: Residual Oil	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-222-03	Vapor Extract: Natural Gas	---	---	---	---	---	---	---	---	Cubic Feet Processed
3-06-222-04	Vapor Extract: Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-222-05	Vapor Extract: LPG	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-222-06	Vapor Extract: Waste Oil	---	---	---	---	---	---	---	---	1000 Gallons Processed
<i><u>Underground Storage Remediation and Other Remediation - 9711</u></i>										
3-06-224-01	Air Stripping: General	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-224-02	Air Stripping: Residual Oil	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-224-03	Air Stripping: Natural Gas	---	---	---	---	---	---	---	---	Cubic Feet Burned
3-06-224-04	Air Stripping: Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-224-05	Air Stripping: LPG	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-06-224-06	Air Stripping: Waste Oil	---	---	---	---	---	---	---	---	1000 Gallons Processed
<i><u>Re-refining of Lube Oils and Greases - 2992, 4922, 7389</u></i>										
3-06-300-05	Waste Oil Still Vent	---	---	---	---	---	---	---	---	Gallons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Re-refining of Lube Oils and Greases - 2992, 4922, 7389</u>										
3-06-300-06	Waste Oil Storage Tank	---	---	---	---	---	---	---	---	Gallons Stored
3-06-300-07	Finished Product Storage Tank	---	---	---	---	---	---	---	---	Gallons Stored
<u>Fugitive Emissions - 2900</u>										
3-06-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-06-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Barrels Processed
<u>Petroleum Products - Not Classified - multiple (See Appendix D)</u>										
3-06-999-98	Not Classified	---	---	---	---	---	---	---	---	Tons Processed
3-06-999-99	Not Classified	---	---	---	---	---	---	---	---	Barrels Processed
<u>INDUSTRIAL PROCESSES -Pulp and Paper and Wood Products</u>										
<u>Sulfate (Kraft) Pulping - 2611, 2621, 2631</u>										
3-07-001-01	Digester Relief and Blow Tank	---	---	---	---	---	---	---	---	Tons Produced
3-07-001-02	Washer/Screens	---	---	---	0.01	---	0.2	---	---	Tons Produced
3-07-001-03	Multi-effect Evaporator	---	---	---	---	---	---	---	---	Tons Produced
3-07-001-04	Recovery Furnace/Direct Contact Evaporator	180	168	---	7	2	1.95	11	---	Tons Produced
3-07-001-05	Smelt Dissolving Tank	7	6.2	---	0.2	1	0.16	<sup>27</sup> 1.91	---	Footnote 59
3-07-001-06	Lime Kiln	56	9.4	---	0.3	2.8	0.25	0.1	0.0001088	Tons Produced
3-07-001-07	Turpentine Condenser	---	---	---	---	---	0.07	---	---	Tons Produced
3-07-001-08	Fluid Bed Calciner	---	50.4	---	0.3	2.8	0.25	---	---	Tons Produced
3-07-001-09	Liquor Oxidation Tower	---	---	---	0.02	---	0.45	---	---	Tons Produced
3-07-001-10	Recovery Furnace/Indirect Contact Evaporator	230	230	---	---	1.9	0.8	11	---	Tons Produced
3-07-001-11	Filtrate Tanks	---	---	---	---	---	---	---	---	Tons Produced
3-07-001-12	Lime Mud Washers	---	---	---	---	---	---	---	---	Tons Produced
3-07-001-13	Lime Mud Filter System	---	---	---	---	---	---	---	---	Tons Produced
3-07-001-14	Bleaching Reactors	---	---	---	---	---	---	---	---	Tons Produced
3-07-001-15	Chlorine Dioxide	---	---	---	---	---	---	---	---	Tons Produced
3-07-001-16	Turpentine Loading Facilities	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-07-001-17	Condensate Strippers	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Sulfate (Kraft) Pulping - 2611, 2621, 2631</u>										
3-07-001-18	Liquor Clarifiers	---	---	---	---	---	---	---	---	Tons Produced
3-07-001-19	Boiler Ash Handling	---	---	---	---	---	---	---	---	Tons Handled
3-07-001-20	Stock Washing/Screening	---	---	---	---	---	---	---	---	Tons Processed
3-07-001-21	Wastewater: General	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-07-001-22	Causticizing: General	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-07-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Sulfite Pulping - 2611, 2621, 2631</u>										
3-07-002-03	Digester/Blow Pit/Dump Tank: All Bases except Calcium	---	---	---	40	---	---	---	---	Tons Produced
3-07-002-11	Digester/Blow Pit/Dump Tank: Calcium	---	---	---	67	---	---	---	---	Tons Produced
3-07-002-12	Digester/Blow Pit/Dump Tank: MgO with Recovery System	---	---	---	---	---	---	---	---	Tons Produced
3-07-002-13	Digester/Blow Pit/Dump Tank: MgO with Process Change	---	---	---	0.2	---	---	---	---	Tons Produced
3-07-002-14	Digester/Blow Pit/Dump Tank: NH <sub>3</sub> with Process Change	---	---	---	0.4	---	---	---	---	Tons Produced
3-07-002-15	Digester/Blow Pit/Dump Tank: Na with Process Change	---	---	---	2	---	---	---	---	Tons Produced
3-07-002-21	Recovery System: MgO	2	---	---	9	---	---	---	---	Tons Produced
3-07-002-22	Recovery System: NH <sub>3</sub>	0.7	---	---	7	---	---	---	---	Tons Produced
3-07-002-23	Recovery System: Na	4	---	---	2	---	---	---	---	Tons Produced
3-07-002-31	Acid Plant: NH <sub>3</sub>	---	---	---	0.3	---	3.5	---	---	Tons Produced
3-07-002-32	Acid Plant: Na	---	---	---	0.2	---	3.5	---	---	Tons Produced
3-07-002-33	Acid Plant: Ca	---	---	---	8	---	3.5	---	---	Tons Produced
3-07-002-34	Knotters/Washers/Screens/etc.	---	---	---	12	---	---	---	---	Tons Produced
3-07-002-99	See Comment	---	---	---	---	---	---	---	---	Tons Processed
<u>Neutral Sulfite Semichemical Pulping - 2611, 2621, 2631</u>										
3-07-003-01	Digester/Blow Pit/Dump Tank	---	---	---	4	---	---	---	---	Tons Produced
3-07-003-02	Evaporator	---	---	---	---	---	---	---	---	Tons Produced
3-07-003-03	Fluid Bed Reactor	---	282	---	---	1.6	0.25	---	---	Tons Produced
3-07-003-04	Sulfur Burner/Absorbers	---	---	---	20	---	---	---	---	Tons Produced
3-07-003-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Pulpboard Manufacture - 2611, 2621, 2631, 2493</u>										
3-07-004-01	Paperboard: General	---	---	---	---	---	0.2	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Pulpboard Manufacture - 2611, 2621, 2631, 2493</u></i>										
3-07-004-02	Fiberboard: General	0.6	0.35	---	---	---	2.5	---	---	Tons Produced
3-07-004-03	Raw Material Storage and Handling	---	---	---	---	---	---	---	---	Tons Processed
3-07-004-04	Stock Mixing/Blending	---	---	---	---	---	---	---	---	Tons Processed
3-07-004-05	Paper/Board Forming	---	---	---	---	---	---	---	---	Tons Processed
3-07-004-06	Multi-effect Evaporator/Dryer	---	---	---	---	---	---	---	---	Tons Processed
3-07-004-07	Coating Operations	---	---	---	---	---	---	---	---	Tons Processed
3-07-004-99	See Comment	---	---	---	---	---	---	---	---	Tons Produced
<i><u>Wood Pressure Treating - 2491</u></i>										
3-07-005-01	Creosote	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-05	Untreated wood storage	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-10	Full-cell process, creosote	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-11	Full-cell process, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-12	Full-cell process, other oilborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-13	Modified full-cell process, chromated copper arsenate	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-14	Modified full-cell process, other waterborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-20	Full-cell process with artificial conditioning, creosote	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-21	Full-cell process with artificial conditioning, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-22	Full-cell process with artificial conditioning, other oilborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-23	Modified full-cell process with artif cond, chromated copper arsenate	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-24	Modified full-cell process with artif cond, other waterborne preservat	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-30	Empty-cell process, creosote	---	---	---	---	---	0.00074	---	---	Cubic Feet Treated
3-07-005-31	Empty-cell process, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-32	Empty-cell process, other oilborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-33	Empty-cell process, chromated copper arsenate	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-34	Empty-cell process, other waterborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-40	Empty-cell process with artificial conditioning, creosote	---	---	---	---	---	0.0058	---	---	Cubic Feet Treated
3-07-005-41	Empty-cell process with artificial conditioning, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-42	Empty-cell process with artificial conditioning, other oilborne preservatives	---	---	---	---	---	---	---	---	Tons Treated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Wood Pressure Treating - 2491</i>										
3-07-005-43	Empty-cell process with artificial conditioning, chromated copper arsenate	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-44	Empty-cell process with artificial conditioning, other waterborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-50	Empty-cell process with steam heating, creosote	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-51	Empty-cell process with steam heating, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-52	Empty-cell process with steam heating, other oilborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-53	Empty-cell process with steam heating, chromated copper arsenate	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-54	Empty-cell process with steam heating, other waterborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-60	Empty-cell process with artif cond & stm heating, creosote	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-61	Empty-cell process with artif cond & stm heating, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-62	Empty-cell process with artif cond & stm heating, other oilborne prese	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-63	Empty-cell process with artif cond & stm heating, chromated copper ars	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-64	Empty-cell process with artif cond & stm heating, other waterborne preserevative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-70	Quenching, creosote	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-71	Quenching, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-72	Quenching, other oilborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-73	Quenching, chromated copper arsenate	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-74	Quenching, other waterborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-80	Retort unloading, creosote	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-81	Retort unloading, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-82	Retort unloading, other oilborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-83	Retort unloading, chromated copper arsenate	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-84	Retort unloading, other waterborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-90	Treated wood storage, creosote	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-91	Treated wood storage, pentachlorophenol	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-92	Treated wood storage, other oilborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-93	Treated wood storage, chromated copper arsenate	---	---	---	---	---	---	---	---	Tons Treated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Wood Pressure Treating - 2491</i>										
3-07-005-94	Treated wood storage, other waterborne preservative	---	---	---	---	---	---	---	---	Tons Treated
3-07-005-97	Other Not Classified	---	---	---	---	---	---	---	---	1000 Cubic Feet Processed
3-07-005-98	Other Not Classified	---	---	---	---	---	---	---	---	1000 Board Feet Processed
3-07-005-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Treated
<i>Particleboard Manufacture - 2493, 3553</i>										
3-07-006-02	Direct Wood-fired Rotary Dryer, Unspecified Pines, <730F Inlet Air	3.9	0.69	0.3	<sup>21</sup> 0.002	1.1	0.95	1.6	---	Tons Produced
3-07-006-04	Direct Wood-fired Rotary Dryer, Unspecified Pines, >900F Inlet Air	3.9	0.69	0.3	<sup>21</sup> 0.002	1.1	8.2	1.6	---	Tons Produced
3-07-006-06	Direct Wood-fired Rotary Dryer, Southern Yellow Pine	8	0.9	0.43	<sup>21</sup> 0.002	1.1	1.1	1.6	---	Tons Produced
3-07-006-10	Direct Wood-fired Rotary Dryer, Hardwoods	2.5	---	0.13	<sup>21</sup> 0.002	1.1	0.35	1.6	---	Tons Produced
3-07-006-11	Direct Natural Gas-Fired Rotary Dryer, Unspecified Pines	1.3	---	---	---	0.031	0.9	0.12	---	Tons Produced
3-07-006-21	Direct Wood-fired Rotary Final Dryer, Unspecified Pines	---	---	---	---	---	---	0.75	---	Tons Produced
3-07-006-28	Direct Wood-fired Rotary Predryer, Douglas Fir	---	---	---	---	2.1	---	0.94	---	Tons Produced
3-07-006-29	Direct Wood-fired Tube Final Dryer, Douglas Fir	---	---	---	---	---	---	---	---	Tons Produced
3-07-006-51	Batch Hot Press, Urea Formaldehyde Resin	0.03	0.016	0.061	---	---	0.94	0.09	---	1000 Square Feet Produced
3-07-006-61	Particleboard Board Cooler, Urea-Formaldehyde Resin	0.014	0.0034	0.0092	---	---	0.27	---	---	1000 Square Feet Produced
<i>Plywood Operations - 2435, 2436, 2493</i>										
3-07-007-01	General: Not Classified	---	---	---	---	---	---	---	---	10,000 Square Feet Produced
3-07-007-02	Sanding Operations	---	---	---	---	---	---	---	---	Tons Processed
3-07-007-03	Particleboard Drying (See 3-07-006 For More Detailed Particleboard SCC)	0.6	0.35	---	---	---	---	---	---	Tons Processed
3-07-007-04	Waferboard Dryer (See 3-07-010 For More Detailed OSB SCCs)	---	---	---	1.71	11.4	40.9	---	---	1000 Pounds Dried
3-07-007-05	Hardboard: Coe Dryer	---	---	---	---	0.3	---	---	---	Tons Produced
3-07-007-06	Hardboard: Predryer	---	---	---	---	0.07	---	---	---	Tons Produced
3-07-007-07	Hardboard: Pressing	---	---	---	---	---	---	---	---	Tons Produced
3-07-007-08	Hardboard: Tempering	---	---	---	---	---	---	---	---	Tons Produced
3-07-007-09	Hardboard: Bake Oven	---	---	---	---	0.1	0.003	---	---	Tons Produced
3-07-007-10	Sawing	---	---	---	---	---	---	---	---	Tons Processed
3-07-007-11	Fir: Sapwood: Steam-fired Dryer	---	---	---	---	---	0.45	---	---	10,000 Square Feet Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Plywood Operations - 2435, 2436, 2493</i>										
3-07-007-12	Fir: Sapwood: Gas-fired Dryer	---	---	---	---	---	7.53	---	---	10,000 Square Feet Produced
3-07-007-13	Fir: Heartwood Plywood Veneer Dryer	---	---	---	---	---	1.3	---	---	10,000 Square Feet Produced
3-07-007-14	Larch Plywood Veneer Dryer	---	---	---	---	---	0.19	---	---	10,000 Square Feet Produced
3-07-007-15	Southern Pine Plywood Veneer Dryer	---	---	---	---	---	2.94	---	---	10,000 Square Feet Produced
3-07-007-16	Poplar Wood Fired Veneer Dryer	---	---	---	---	---	---	---	---	10,000 Square Feet Produced
3-07-007-17	Gas Veneer Dryer: Pines (use 3-07-007-50)	---	---	---	---	---	---	---	---	1000 Square Feet Produced
3-07-007-18	Steam Veneer Dryer: Pines (use 3-07-007-60)	---	---	---	---	---	---	---	---	1000 Square Feet Produced
3-07-007-20	Veneer Dryer: Steam Heated: Redry	---	---	---	---	---	---	---	---	1000 Square Feet Produced
3-07-007-25	Veneer Cutting	---	---	---	---	---	---	---	---	Tons Processed
3-07-007-27	Veneer Laying and Glue Spreading	---	---	---	---	---	---	---	---	Tons Processed
3-07-007-30	Wood Steaming	---	---	---	---	---	---	---	---	Tons Processed
3-07-007-40	Direct Wood-Fired Dryer: Non-specified Pine Species Veneer	---	---	---	<sup>21</sup> 0.058	0.24	3.3	5.1	---	1000 Square Feet Produced
3-07-007-44	Direct Wood-Fired Dryer: Hemlock Veneer	---	---	---	<sup>21</sup> 0.058	0.24	0.7	5.1	---	1000 Square Feet Produced
3-07-007-46	Direct Wood-Fired Dryer: Non-specified Fir Species Veneer	---	---	---	<sup>21</sup> 0.058	0.24	---	5.1	---	1000 Square Feet Produced
3-07-007-47	Direct Wood-Fired Dryer: Douglas Fir Veneer	---	---	---	---	---	<sup>27</sup> 0.5	---	---	1000 Square Feet of 3/8-inch Plywood Produced
3-07-007-50	Direct Natural Gas-Fired Dryer: Non-specified Pine Species Veneer	0.079	---	0.42	---	0.012	2.1	0.57	---	1000 Square Feet Produced
3-07-007-60	Indirect Heated Dryer: Non-specified Pine Species Veneer	0.35	---	1	---	---	2.7	---	---	1000 Square Feet Produced
3-07-007-66	Indirect Heated Dryer: Non-specified Fir Species Veneer	---	---	---	---	---	---	---	---	1000 Square Feet Produced
3-07-007-67	Indirect Heated Dryer: Douglas Fir Veneer	0.07	---	0.82	---	---	1.3	---	---	1000 Square Feet Produced
3-07-007-69	Indirect Heated Dryer: Poplar Veneer	---	---	---	---	---	0.033	---	---	1000 Square Feet Produced
3-07-007-70	Radio Frequency Heated Dryer: Non-specified Pine Species	0.005	---	0.006	---	---	0.22	---	---	1000 Square Feet Produced
3-07-007-80	Plywood Press: Phenol-formaldehyde Resin	0.12	---	0.083	---	---	0.33	---	---	1000 Square Feet Produced
3-07-007-81	Plywood Press: Urea-formaldehyde Resin	---	---	---	---	---	0.021	---	---	1000 Square Feet Produced
3-07-007-98	Other Not Classified	---	---	---	---	---	---	---	---	1000 Board Feet Processed
3-07-007-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Sawmill Operations - 2421, 2426, 2429, 2411</u></i>										
3-07-008-01	Log Debarking	0.02	0.011	---	---	---	---	---	---	Tons Processed
3-07-008-02	Log Sawing	0.35	0.2	---	---	---	---	---	---	Tons Processed
3-07-008-03	Sawdust Pile Handling	1	0.36	---	---	---	---	---	---	Tons Processed
3-07-008-04	Sawing: Cyclone Exhaust	---	---	---	---	---	---	---	---	SCFM-Year Processed
3-07-008-05	Planning/Trimming: Cyclone Exhaust	---	---	---	---	---	---	---	---	SCFM-Year Processed
3-07-008-06	Sanding: Cyclone Exhaust	---	---	---	---	---	---	---	---	SCFM-Year Processed
3-07-008-07	Sanderdust: Cyclone Exhaust	---	---	---	---	---	---	---	---	Hour Operated
3-07-008-08	Other Cyclones: Exhaust	---	---	---	---	---	---	---	---	Hour Operated
3-07-008-20	Chipping and Screening	---	---	---	---	---	---	---	---	Tons Processed
3-07-008-21	Chip Storage Piles	---	---	---	---	---	---	---	---	Tons Processed
3-07-008-22	Chip Transfer/Conveying	---	---	---	---	---	---	---	---	Tons Processed
3-07-008-95	Log Storage	---	---	---	---	---	---	---	---	Tons Stored
3-07-008-96	Other Not Classified	---	---	---	---	---	---	---	---	1000 Cubic Feet Processed
3-07-008-97	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-07-008-98	Other Not Classified	---	---	---	---	---	---	---	---	1000 Board Feet Processed
3-07-008-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Medium Density Fiberboard (MDF) Manufacture - 2493</u></i>										
3-07-009-21	Direct Wood-fired Tube Dryer, Unspecified Pines	10	1.6	0.59	---	---	6.6	4	---	Tons Produced
3-07-009-25	Direct Wood-fired Tube Dryer, Hardwoods	---	---	---	---	---	6.5	4	---	Tons Produced
3-07-009-31	Indirect-heated Tube Dryer, Unspecified Pines	1.4	---	---	---	---	---	---	---	Tons Produced
3-07-009-35	Indirect-heated Tube Dryer, Hardwoods	---	---	---	---	---	4.7	---	---	Tons Produced
3-07-009-39	Indirect-heated Tube Dryer, 50% Softwood, 50% Hardwood	1.5	0.28	0.73	---	---	2.2	---	---	Tons Produced
3-07-009-50	Continuous Hot Press, UF Resin	0.17	---	0.14	---	---	1.4	---	---	1000 Square Feet Produced
3-07-009-60	Batch Hot Press, UF Resin	0.18	0.075	0.26	---	0.03	0.69	0.034	---	1000 Square Feet Produced
3-07-009-71	MDF Board Cooler, UF Resin	0.054	0.0038	---	---	---	0.2	---	---	1000 Square Feet Produced
<i><u>Oriented Strandboard (OSB) Manufacture - 2493</u></i>										
3-07-010-01	Direct Wood-fired Rotary Dryer, Unspecified Pines	3.9	---	1.9	<sup>27</sup> 0.014	0.65	8.6	5.8	---	Tons Produced
3-07-010-08	Direct Wood-fired Rotary Dryer, Aspen	---	---	---	<sup>27</sup> 0.014	0.65	2.2	5.8	---	Tons Produced
3-07-010-10	Direct Wood-fired Rotary Dryer, Hardwoods	<sup>27</sup> 0.036	---	1.9	<sup>27</sup> 0.014	0.65	1.6	5.8	---	Tons Produced
3-07-010-20	Direct Natural Gas-fired Rotary Dryer, Hardwoods	---	---	---	---	0.68	---	0.72	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Oriented Strandboard (OSB) Manufacture - 2493</i></u>										
3-07-010-53	Hot Press, Phenol-Formaldehyde Resin	0.12	0.1	0.25	<sup>21</sup> 0.037	0.038	0.52	0.11	---	1000 Square Feet Produced
3-07-010-55	Hot Press, Methylene Diphenyl Diisocyanate Resin	0.16	---	0.046	<sup>21</sup> 0.037	0.038	0.45	0.11	---	1000 Square Feet Produced
3-07-010-57	Hot Press, PF Resin (surface layers) / MDI Resin (core layers)	0.37	0.11	0.14	<sup>21</sup> 0.037	0.038	0.56	0.11	---	1000 Square Feet Produced
<u><i>Paper Coating and Glazing - 2671, 2672</i></u>										
3-07-011-99	Extrusion Coating Line with Solvent Free Resin/Wax	---	---	---	---	---	---	---	---	Tons Consumed
<u><i>Miscellaneous Paper Processes - 2611, 2653, 2656, 2731, 2754, 3053, 3569</i></u>										
3-07-012-01	Cyclones	---	---	---	---	---	---	---	---	Tons Produced
3-07-012-20	Thermomechanical Process	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Miscellaneous Paper Products - 2679</i></u>										
3-07-013-01	Shredding Newspaper for Insulation Manufacturing	---	---	---	---	---	---	---	---	Tons Processed
3-07-013-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Furniture Manufacture - 2500</i></u>										
3-07-020-01	Rough-end	---	---	---	---	---	---	---	---	1000 Board Feet Processed
3-07-020-02	Machine Room	---	---	---	---	---	---	---	---	1000 Board Feet Processed
3-07-020-03	Sanding	---	---	---	---	---	---	---	---	1000 Board Feet Processed
3-07-020-04	Wood Hog	---	---	---	---	---	---	---	---	Tons Processed
3-07-020-21	Veneer Hot Press, Urea Formaldehyde Resin	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-07-020-98	Other Not Classified	---	---	---	---	---	---	---	---	1000 Board Feet Processed
3-07-020-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Miscellaneous Wood Working Operations - 2420, 2430</i></u>										
3-07-030-01	Wood Waste Storage Bin Vent	1	0.58	---	---	---	---	---	---	Tons Processed
3-07-030-02	Wood Waste Storage Bin Loadout	2	1.2	---	---	---	---	---	---	Tons Processed
3-07-030-96	Sanding/Planning Operations: Specify	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-07-030-97	Sanding/Planning Operations: Specify	---	---	---	---	---	---	---	---	Each Processed
3-07-030-98	Sanding/Planning Operations: Specify	---	---	---	---	---	---	---	---	1000 Board Feet Processed
3-07-030-99	Sanding/Planning Operations: Specify	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Bulk Handling and Storage - Wood/Bark - 2435</i></u>										
3-07-040-01	Storage Bins	---	---	---	---	---	---	---	---	Tons Processed
3-07-040-02	Stockpiles	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Bulk Handling and Storage - Wood/Bark - 2435</i></u>										
3-07-040-03	Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-07-040-04	Loading	---	---	---	---	---	---	---	---	Tons Processed
3-07-040-05	Conveyors	---	---	---	---	---	---	---	---	Tons Processed
<u><i>Fugitive Emissions - 2400, 2500, 2600, 2700</i></u>										
3-07-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-07-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-07-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-07-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-07-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-07-888-98	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Board Feet Processed
<u><i>Fuel Fired Equipment - 2400, 2500, 2600, 2700</i></u>										
3-07-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-07-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-07-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-07-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
3-07-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-07-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-07-900-14	Process Gas: Incinerators	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-07-900-21	Distillate Oil (No. 2): Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-07-900-22	Residual Oil: Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-07-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-07-900-24	Process Gas: Flares	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<u><i>Other Not Classified - 2400, 2500, 2600, 2700</i></u>										
3-07-999-01	Battery Separators	---	---	---	---	---	---	---	---	Tons Produced
3-07-999-98	Other Not Classified	---	---	---	---	---	---	---	---	1000 Board Feet Produced
3-07-999-99	See Comment	---	---	---	---	---	---	---	---	Tons Processed
<u><i>INDUSTRIAL PROCESSES -Rubber and Miscellaneous Plastics Products</i></u>										
<u><i>Tire Manufacture - 3011</i></u>										
3-08-001-01	Undertread and Sidewall Cementing	---	---	---	---	---	229.5	---	---	1000 Each Produced
3-08-001-02	Bead Dipping	---	---	---	---	---	13.3	---	---	1000 Each Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Tire Manufacture - 3011</i>										
3-08-001-03	Bead Swabbing	---	---	---	---	---	18.3	---	---	1000 Each Produced
3-08-001-04	Tire Building	---	---	---	---	---	72.6	---	---	1000 Each Produced
3-08-001-05	Tread End Cementing	---	---	---	---	---	33.2	---	---	1000 Each Produced
3-08-001-06	Green Tire Spraying	---	---	---	---	---	301.8	---	---	1000 Each Produced
3-08-001-07	Tire Curing	---	---	---	---	---	4.4	---	---	1000 Each Produced
3-08-001-08	Solvent Mixing	---	---	---	---	---	10.8	---	---	Tons Used
3-08-001-09	Solvent Storage (Use 4-07-004-01 thru 4-07-999-98 if possible)	---	---	---	---	---	---	---	---	Tons Used
3-08-001-10	Solvent Storage (Use 4-07-004-01 thru 4-07-999-98 if possible)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-08-001-11	Compounding	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-12	Milling	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-13	Tread Extruder	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-14	Sidewall Extruder	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-15	Calendering	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-16	Latex Dipping	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-17	Finishing	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-20	Undertread and Sidewall Cementing	---	---	---	---	---	1800	---	---	Tons Used
3-08-001-21	Tread End Cementing	---	---	---	---	---	1800	---	---	Tons Used
3-08-001-22	Bead Dipping	---	---	---	---	---	1800	---	---	Tons Used
3-08-001-23	Green Tire Spraying	---	---	---	---	---	1840	---	---	Tons Used
3-08-001-24	Bead Swabbing	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-25	Tire Building	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-26	Tire Curing	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-27	Compounding	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-28	Milling	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-29	Tread Extruder	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-30	Sidewall Extruder	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-31	Calendering	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-32	Latex Dipping	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-33	Finishing	---	---	---	---	---	---	---	---	1000 Each Produced
3-08-001-97	Other Not Classified	---	---	---	---	---	---	---	---	Each Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Tire Manufacture - 3011</i></u>										
3-08-001-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-08-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Tire Retreading - 7534</i></u>										
3-08-005-01	Tire Buffing Machines	---	---	---	---	---	600	---	---	1000 Each Processed
<u><i>Other Fabricated Plastics - 3021, 3052, 3061, 3069</i></u>										
3-08-006-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Fiberglass Resin Products - 3080</i></u>										
3-08-007-01	Plastics Machining: Drilling/Sanding/Sawing/etc.	---	---	---	---	---	13	---	---	Tons Processed
3-08-007-02	Mould Release	---	---	---	---	---	---	---	---	Tons Produced
3-08-007-03	Solvent Consumption	---	---	---	---	---	649	---	---	Tons Used
3-08-007-04	Adhesive Consumption	---	---	---	---	---	649	---	---	Tons Applied
3-08-007-05	Wax Burnout Oven	---	---	---	---	---	---	---	---	Tons Burned
3-08-007-20	General	---	---	---	---	---	---	---	---	Tons Produced
3-08-007-21	Gel Coat: Roll On	---	---	---	---	---	---	---	---	Tons Applied
3-08-007-22	Gel Coat: Spray On	---	---	---	---	---	---	---	---	Tons Applied
3-08-007-23	Resin: General: Roll On	---	---	---	---	---	---	---	---	Tons Applied
3-08-007-24	Resin: General: Spray On (use 3-08-007-30)	---	---	---	---	---	---	---	---	Tons Applied
3-08-007-30	Resin Spray Layup (non-vapor-suppressed)	---	---	---	---	---	---	---	---	1000 Pounds Applied
3-08-007-31	Resin Spray Layup (vapor-suppressed)	---	---	---	---	---	---	---	---	1000 Pounds Applied
3-08-007-32	Resin Spray Layup (vacuum bagging)	---	---	---	---	---	---	---	---	1000 Pounds Applied
3-08-007-36	Resin Closed Molding	---	---	---	---	---	---	---	---	1000 Pounds Applied
3-08-007-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u><i>Plastic Foam Products - 3000</i></u>										
3-08-008-01	Expansion Process via Steam	---	---	---	---	---	---	---	---	Tons Produced
3-08-008-02	Molding	---	---	---	---	---	---	---	---	Tons Produced
3-08-008-03	Bead Storage	---	---	---	---	---	---	---	---	Tons Stored
<u><i>Plastic Miscellaneous Products - 3080</i></u>										
3-08-009-01	Polystyrene: General	---	---	---	---	---	---	---	---	Tons Consumed
<u><i>Plastic Products Manufacturing - multiple (See Appendix D)</i></u>										
3-08-010-01	Adhesives Production: General Process	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Plastic Products Manufacturing - multiple (See Appendix D)</i>										
3-08-010-02	Extruder	---	---	---	---	---	---	---	---	Tons Produced
3-08-010-03	Film Production, Die (Flat/Circular)	---	---	---	---	---	---	---	---	Tons Produced
3-08-010-04	Sheet Production, Polymerizer	---	---	---	---	---	---	---	---	Tons Produced
3-08-010-05	Foam Production - General Process	---	---	---	---	---	---	---	---	Tons Produced
3-08-010-06	Lamination, Kettles/Oven	---	---	---	---	---	---	---	---	Tons Produced
3-08-010-07	Molding Machine	---	---	---	---	---	---	---	---	Tons Produced
3-08-010-08	Sheet Production, Calendering	---	---	---	---	---	---	---	---	Tons Produced
<i>Vinyl Floor Tile Manufacturing - 3000, 3080, 3083</i>										
3-08-050-01	Tile Chip Bin Tipper	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-02	Tile Chip Receiving Hopper	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-03	Tile Chip Belt Conveyors	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-04	Scrap Hopper	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-05	Weigh Scales	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-06	Mixer	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-07	Mill	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-08	Blender	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-09	Conveyors	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-10	Scrap Chopper	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-11	Adhesive Applicator	---	---	---	---	---	---	---	---	Gallons Applied
3-08-050-12	Limestone Purge	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-13	Scrap Discharging	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-14	PVC Unloading	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-15	PVC Storage	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-16	PVC Surge Bins	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-17	Limestone Storage	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-18	Limestone Elevators	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-19	Unloading Operation, Limestone	---	---	---	---	---	---	---	---	Tons Processed
3-08-050-99	Unspecified	---	---	---	---	---	---	---	---	Tons Processed
<i>Equipment Leaks - 3000, 3080</i>										
3-08-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Wastewater, Aggregate - 3000</u>										
3-08-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-08-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 3000</u>										
3-08-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fuel Fired Equipment - 3000, 7500</u>										
3-08-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-08-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-08-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-08-900-04	Liquified Petroleum Gas (LPG): Process Heaters	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-08-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
3-08-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-08-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-08-900-21	Distillate Oil (No. 2): Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-08-900-22	Residual Oil: Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-08-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
<u>Other Not Specified - 3000, 7500</u>										
3-08-999-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>INDUSTRIAL PROCESSES -Fabricated Metal Products</u>										
<u>General Processes - 3400</u>										
3-09-001-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-09-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Abrasive Blasting of Metal Parts - 3400</u>										
3-09-002-01	General	---	---	---	---	---	---	---	---	Tons Consumed
3-09-002-02	Sand Abrasive	---	---	---	---	---	---	---	---	Tons Consumed
3-09-002-03	Slag Abrasive	---	---	---	---	---	---	---	---	Tons Consumed
3-09-002-04	Garnet Abrasive	---	---	---	---	---	---	---	---	Tons Consumed
3-09-002-05	Steel Grit Abrasive	---	---	---	---	---	---	---	---	Tons Consumed
3-09-002-06	Walnut Shell Abrasive	---	---	---	---	---	---	---	---	Tons Consumed
3-09-002-07	Shotblast with Air	---	---	---	---	---	---	---	---	Tons Consumed
3-09-002-08	Shotblast w/o Air	---	---	---	---	---	---	---	---	Tons Consumed



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Abrasive Blasting of Metal Parts - 3400</i></u>										
3-09-002-98	General	---	---	---	---	---	---	---	---	Feet Processed
3-09-002-99	General	---	---	---	---	---	---	---	---	Each Processed
<u><i>Abrasive Cleaning of Metal Parts - 3400</i></u>										
3-09-003-01	Brush Cleaning	---	---	---	---	---	---	---	---	Tons Consumed
3-09-003-02	Tumble Cleaning	---	---	---	---	---	---	---	---	Tons Consumed
3-09-003-03	Polishing	---	---	---	---	---	---	---	---	Tons Consumed
3-09-003-04	Buffing	---	---	---	---	---	---	---	---	Tons Consumed
<u><i>Welding - 2892, 3264, 3423, 3429, 3442, 3612, 3999, 7389, 92</i></u>										
3-09-005-00	General	---	---	---	---	---	---	---	---	Pounds Used
3-09-005-01	Arc Welding: General (See 3-09-050)	---	---	---	---	---	---	---	---	Pounds Consumed
3-09-005-02	Oxyfuel Welding: General (See 3-09-044)	---	---	---	---	---	---	---	---	1000 Cubic Feet Burned
<u><i>Electroplating Operations - 3471</i></u>										
3-09-010-01	Entire Process: General	---	---	---	---	0.009	0.026	---	---	Square Feet Plated
3-09-010-02	Entire Process: General	---	---	---	---	---	---	---	---	Ampere-Hours Applied
3-09-010-03	Entire Process: Nickel	---	---	---	---	---	---	---	---	Square Feet-Years Existing
3-09-010-04	Entire Process: Copper	---	---	---	---	---	---	---	---	Square Feet-Years Existing
3-09-010-05	Entire Process: Zinc	---	---	---	---	---	---	---	---	Ampere-Hours Applied
3-09-010-06	Entire Process: Chrome	---	---	---	---	---	---	---	---	Ampere-Hours Applied
3-09-010-07	Entire Process: Cadmium	---	---	---	---	---	---	---	---	Ampere-Hours Applied
3-09-010-14	Chromium (all types) - Alkaline Cleaning	---	---	---	---	---	---	---	---	1000 Square Feet Treated
3-09-010-15	Chromium (all types) - Acid Dip	---	---	---	---	---	---	---	---	1000 Square Feet Treated
3-09-010-16	Hard Chromium - Chromic Acid Anodic Treatment	---	---	---	---	---	---	---	---	1000 Square Feet Treated
3-09-010-18	Hard Chromium - Electroplating Tank	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-28	Decorative Chromium - Electroplating Tank	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-38	Chromic Acid Anodizing - Anodizing Tank	---	---	---	---	---	---	---	---	1000 Square Feet-Hours Operated
3-09-010-42	Copper (cyanide, including strike) - Electroplating Tank	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-45	Copper (sulfate) - Electroplating Tank	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Electroplating Operations - 3471</u></i>										
3-09-010-48	Copper (general) - Electroplating Tank 1000 amp-hr current applied	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-52	Cadmium (cyanide) - Electroplating Tank 1000 amp-hr current applied	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-54	Cadmium (acid fluoborate) - Electroplating Tank 1000 amp-hr current	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-58	Cadmium (general) - Electroplating Tank 1000 amp-hr current applied	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-61	Nickel (all chloride) - Electroplating Tank 1000 amp-hr current appli	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-63	Nickel (chloride sulfate) - Electroplating Tank 1000 amp-hr current	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-65	Nickel (sulfamate or watts) - Electroplating Tank 1000 amp-hr current	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-67	Nickel (non-chloride) - Electroplating Tank 1000 amp-hr current appli	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-68	Nickel (general) - Electroplating Tank	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-78	Zinc (general) - Electroplating Tank	---	---	---	---	---	---	---	---	1000 Ampere-Hours Applied
3-09-010-97	Other Not Classified	---	---	---	---	---	---	---	---	Tons Used
3-09-010-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-09-010-99	See Comment	---	---	---	---	---	---	---	---	Tons Plated
<i><u>Conversion Coating of Metal Products - 3471</u></i>										
3-09-011-01	Alkaline Cleaning Bath	---	---	---	---	---	---	---	---	Tons Processed
3-09-011-02	Acid Cleaning Bath (Pickling)	---	---	---	---	---	---	---	---	Tons Processed
3-09-011-03	Anodizing Kettle	---	---	---	---	---	---	---	---	Tons Processed
3-09-011-04	Rinsing/Finishing	---	---	---	---	---	---	---	---	Tons Processed
3-09-011-99	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
<i><u>Precious Metals Recovery - 3341, 3339</u></i>										
3-09-012-01	Reclamation Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-09-012-02	Crucible Furnace	---	---	---	---	---	---	---	---	Tons Produced
3-09-012-03	Size Reduction	---	---	---	---	---	---	---	---	Tons Produced
3-09-012-04	Reactor	---	---	---	---	---	---	---	---	Tons Produced
3-09-012-05	Drying	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Chemical Milling of Metal Products - 3471</u>										
3-09-015-01	Milling Tank	---	---	---	---	---	---	---	---	Tons Processed
<u>Metal Pipe Coating of Metal Parts - 3479</u>										
3-09-016-01	Asphalt Dipping	---	---	---	---	---	1000	---	---	Tons Processed
3-09-016-02	Pipe Spinning	---	---	---	---	---	---	---	---	Tons Processed
3-09-016-03	Pipe Wrapping	---	---	---	---	---	---	---	---	Tons Processed
3-09-016-04	Coal Tar/Asphalt Melting Kettle	---	---	---	---	---	---	---	---	Tons Melted
3-09-016-05	Asphalt Dipping	---	---	---	---	---	23.3	---	---	1000 Square Feet Processed
3-09-016-06	Pipe Spinning	---	---	---	---	---	23.3	---	---	1000 Square Feet Processed
3-09-016-07	Pipe Wrapping	---	---	---	---	---	23.3	---	---	1000 Square Feet Processed
3-09-016-10	Raw Material Storage: Asphalt	---	---	---	---	---	---	---	---	Tons Stored
3-09-016-11	Raw Material Storage: Coal Tar	---	---	---	---	---	---	---	---	Tons Stored
3-09-016-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Other Not Classified - 3291, 3411, 3471,</u>										
3-09-020-99	See Comment	---	---	---	---	---	---	---	---	Tons Produced
<u>Drum Cleaning/Reclamation - 5085</u>										
3-09-025-01	Drum Burning Furnace	0.035	0.02	---	---	0.002	---	---	---	Each Burned
<u>Machining Operations - 3400, 5000</u>										
3-09-030-04	Specify Material	---	---	---	---	---	---	---	---	Tons Processed
3-09-030-05	Sawing: Specify Material in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-09-030-06	Honing: Specify Material in Comments	---	---	---	---	---	---	---	---	Tons Processed
3-09-030-07	Lubrication: Specify Material	---	---	---	---	---	---	---	---	Gallons Consumed
3-09-030-08	Plasma Torch	---	---	---	---	---	---	---	---	Tons Processed
3-09-030-10	Stamping and Drawing (Auto Body Parts)	---	---	---	---	---	---	---	---	Tons Used
3-09-030-99	See Comment	---	---	---	---	---	---	---	---	Tons Processed
<u>Powder Metallurgy Part Manufacturing (NAICS 332117) - 3499</u>										
3-09-039-01	Electric Sinter Oven Vents	---	---	---	---	---	---	---	---	---
3-09-039-02	Electric Sinter Oven Gas Burners	---	---	---	---	---	---	---	---	---
3-09-039-51	Application of Coatings to Sintered Parts	---	---	---	---	---	---	---	---	---
<u>Metal Deposition Processes - 3400, 5000</u>										
3-09-040-01	Metallizing: Wire Atomization and Spraying	---	---	---	---	---	---	---	0.5	Tons Consumed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Metal Deposition Processes - 3400, 5000</i></u>										
3-09-040-10	Thermal Spraying of Powdered Metal	---	---	---	---	---	---	---	---	Tons Consumed
3-09-040-20	Plasma Arc Spraying of Powdered Metal	---	---	---	---	---	---	---	---	Tons Consumed
3-09-040-30	Tinning: Batch Process	---	---	---	---	---	---	---	---	Tons Consumed
<u><i>Resistance Welding - 3548</i></u>										
3-09-041-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u><i>Brazing - 3398, 3548</i></u>										
3-09-042-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u><i>Soldering - 3423</i></u>										
3-09-043-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u><i>Oxyfuel Welding - 3761</i></u>										
3-09-044-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u><i>Thermal Spraying - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></u>										
3-09-045-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u><i>Oxyfuel Cutting - 3743</i></u>										
3-09-046-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u><i>Arc Cutting - 3324, 3561, 3761</i></u>										
3-09-047-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u><i>Arc Welding: General: Consummable and Non-consummable Electrode - 4961</i></u>										
3-09-050-00	Consummable and Non-consumable Electrode	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u><i>Shielded Metal Arc Welding (SMAW) - 3699</i></u>										
3-09-051-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-04	14Mn-4Cr Electrode	---	81.6	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-08	E11018 Electrode	---	16.4	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-12	E308 Electrode	---	10.8	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-16	E310 Electrode	---	15.1	---	---	---	---	---	0.024	1000 Pounds Consumed
3-09-051-20	E316 Electrode	---	10	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-24	E410 Electrode	---	13.2	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-28	E6010 Electrode	---	25.6	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-32	E6011 Electrode	---	38.4	---	---	---	---	---	---	1000 Pounds Consumed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Shielded Metal Arc Welding (SMAW) - 3699</u>										
3-09-051-36	E6012 Electrode	---	8	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-40	E6013 Electrode	---	19.7	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-44	E7018 Electrode	---	18.4	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-48	E7024 Electrode	---	9.2	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-52	E7028 Electrode	---	18	---	---	---	---	---	0.162	1000 Pounds Consumed
3-09-051-56	E8018 Electrode	---	17.1	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-60	E9015 Electrode	---	17	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-64	E9018 Electrode	---	16.9	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-68	ECoCr-A Electrode	---	27.9	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-72	ENi-CI Electrode	---	18.2	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-76	ENiCrMo Electrode	---	11.7	---	---	---	---	---	---	1000 Pounds Consumed
3-09-051-80	ENi-Cu Electrode	---	10.1	---	---	---	---	---	---	1000 Pounds Consumed
<u>Gas Metal Arc Welding (GMAW) - 3496</u>										
3-09-052-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
3-09-052-10	ER1260 Electrode	---	20.5	---	---	---	---	---	---	1000 Pounds Consumed
3-09-052-12	E308I Electrode	---	5.4	---	---	---	---	---	---	1000 Pounds Consumed
3-09-052-20	ER316 Electrode	---	3.2	---	---	---	---	---	---	1000 Pounds Consumed
3-09-052-26	ER5154 Electrode	---	24.1	---	---	---	---	---	---	1000 Pounds Consumed
3-09-052-54	E70S Electrode	---	5.2	---	---	---	---	---	---	1000 Pounds Consumed
3-09-052-76	ERNiCrMo Electrode	---	3.9	---	---	---	---	---	---	1000 Pounds Consumed
3-09-052-80	ERNiCu Electrode	---	2	---	---	---	---	---	---	1000 Pounds Consumed
<u>Flux Cored Arc Welding (FCAW) - 3561</u>										
3-09-053-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
3-09-053-06	E110 T5-K3 Electrode	---	20.8	---	---	---	---	---	---	1000 Pounds Consumed
3-09-053-08	E11018 Electrode	---	57	---	---	---	---	---	---	1000 Pounds Consumed
3-09-053-12	E308LT Electrode	---	9.1	---	---	---	---	---	---	1000 Pounds Consumed
3-09-053-20	E316LT Electrode	---	8.5	---	---	---	---	---	---	1000 Pounds Consumed
3-09-053-54	E70T Electrode	---	15.1	---	---	---	---	---	---	1000 Pounds Consumed
3-09-053-55	E71T Electrode	---	12.2	---	---	---	---	---	---	1000 Pounds Consumed
<u>Submerged Arc Welding (SAW) - 3699</u>										
3-09-054-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Submerged Arc Welding (SAW) - 3699</u>										
3-09-054-10	EM12K Electrode	---	0.05	---	---	---	---	---	---	1000 Pounds Consumed
<u>Electrogas Welding (EGW) - 4961</u>										
3-09-055-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u>Electroslag Welding (ESW) - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-09-056-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u>Gas Tungsten Arc Welding (GTAW) - 3496</u>										
3-09-058-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u>Plasma Arc Welding (PAW) - 3496</u>										
3-09-059-00	General	---	---	---	---	---	---	---	---	1000 Pounds Consumed
<u>Porcelain Enamel/Ceramic Glaze Spraying - 3431</u>										
3-09-060-01	Spray Booth	---	---	---	---	---	---	---	---	Gallons Sprayed
3-09-060-02	Ceramic Glaze: Material Handling	---	---	---	---	---	---	---	---	Tons Processed
3-09-060-03	Ceramic Glaze: Solution Preparation	---	---	---	---	---	---	---	---	Tons Processed
3-09-060-04	Ceramic Glaze: Surface Preparation	---	---	---	---	---	---	---	---	Tons Processed
3-09-060-05	Ceramic Glaze: Plating	---	---	---	---	---	---	---	---	Tons Processed
3-09-060-06	Ceramic Glaze: Storage	---	---	---	---	---	---	---	---	Tons Processed
3-09-060-07	Ceramic Glaze: Drying	---	---	---	---	---	---	---	---	Tons Processed
3-09-060-99	Spray Booth	---	---	---	---	---	---	---	---	Tons Processed
<u>Equipment Leaks - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-09-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-09-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-09-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-09-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fugitive Emissions - 3400, 5000</u>										
3-09-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-09-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-09-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fugitive Emissions - 3400, 5000</u></i>										
3-09-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-09-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
3-09-888-06	Other Not Classified	---	---	---	---	---	---	---	---	Each Processed
<i><u>Fuel Fired Equipment - 3400, 5000</u></i>										
3-09-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-09-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-09-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-09-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
3-09-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-09-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-09-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
<i><u>Other Not Classified - 3400, 5000</u></i>										
3-09-999-97	Other Not Classified	---	---	---	---	---	---	---	---	1000 Each Processed
3-09-999-98	Other Not Classified	---	---	---	---	---	---	---	---	Million Each Processed
3-09-999-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i><u>INDUSTRIAL PROCESSES -Oil and Gas Production</u></i>										
<i><u>Crude Oil Production - 1311</u></i>										
3-10-001-01	Complete Well: Fugitive Emissions	---	---	---	---	---	396	---	---	Each-Year Operating
3-10-001-02	Miscellaneous Well: General	---	---	---	---	---	280	---	---	Each-Year Operating
3-10-001-03	Wells: Rod Pumps	---	---	---	---	---	456	---	---	Each-Year Operating
3-10-001-04	Crude Oil Sumps	---	---	---	---	---	9	---	---	Square Feet-Years Operating
3-10-001-05	Crude Oil Pits	---	---	---	---	---	9	---	---	Square Feet-Years Operating
3-10-001-06	Enhanced Wells, Water Reinjection	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-10-001-07	Oil/Gas/Water/Separation	---	---	---	---	---	---	---	---	1000 Gallons Transferred
3-10-001-08	Evaporation from Liquid Leaks into Oil Well Cellars	---	---	---	---	---	---	---	---	Square Feet-Years Existing
3-10-001-21	Site Preparation	---	---	---	---	---	---	---	---	100 Acres Prepared
3-10-001-22	Drilling and Well Completion	---	---	---	---	---	---	---	---	Each Drilled
3-10-001-23	Well Casing Vents	---	---	---	---	---	---	---	---	Each-Year Operating
3-10-001-24	Valves: General	---	---	---	---	---	---	---	---	1000 Barrels Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Crude Oil Production - 1311</i>										
3-10-001-25	Relief Valves	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-26	Pump Seals	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-27	Ranges and Connections	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-28	Oil Heating	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-29	Gas/Liquid Separation	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-30	Fugitives: Compressor Seals	---	---	---	---	---	---	---	---	Each-Year Operating
3-10-001-31	Fugitives: Drains	---	---	---	---	---	---	---	---	Each-Year Operating
3-10-001-32	Atmospheric Wash Tank (2nd Stage of Gas-Oil Separation): Flashing Loss	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-10-001-40	Waste Sumps: Primary Light Crude	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-41	Waste Sumps: Primary Heavy Crude	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-42	Waste Sumps: Secondary Light Crude	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-43	Waste Sumps: Secondary Heavy Crude	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-44	Waste Sumps: Tertiary Light Crude	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-45	Waste Sumps: Tertiary Heavy Crude	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-46	Gathering Lines	---	---	---	---	---	---	---	---	1000 Mile-Years Existing
3-10-001-60	Flares	---	---	---	---	---	---	---	---	1000 Barrels Processed
3-10-001-99	Processing Operations: Not Classified	---	---	---	---	---	---	---	---	1000 Barrels Produced
<i>Natural Gas Production - 1311</i>										
3-10-002-01	Gas Sweetening: Amine Process	---	---	---	1685S	---	---	---	---	Million Cubic Feet Processed
3-10-002-02	Gas Stripping Operations	---	---	---	312.2	---	---	---	---	Million Cubic Feet Produced
3-10-002-03	Compressors	---	---	---	---	---	6	---	---	Million Cubic Feet Produced
3-10-002-04	Wells	---	---	---	---	---	35.3	---	---	Million Cubic Feet Produced
3-10-002-05	Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Produced
3-10-002-06	Gas Lift	---	---	---	---	---	6	---	---	Million Cubic Feet Produced
3-10-002-07	Valves: Fugitive Emissions	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-08	Sulfur Recovery Unit	---	---	---	---	---	---	---	---	Tons Produced



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Natural Gas Production - 1311</i>										
3-10-002-09	Incinerators Burning Waste Gas or Augmented Waste Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-10-002-11	Pipeline Pigging (releases during pig removal)	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-15	Flares Combusting Gases >1000 BTU/scf	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-10-002-16	Flares Combusting Gases <1000 BTU/scf	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-10-002-20	All Equip Leak Fugitives (Valves, Flanges, Connections, Seals, Drains)	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-21	Site Preparation	---	---	---	---	---	---	---	---	100 Acres Prepared
3-10-002-22	Drilling and Well Completion	---	---	---	---	---	---	---	---	Each Drilled
3-10-002-23	Relief Valves	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-24	Pump Seals	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-25	Compressor Seals	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-26	Flanges and Connections	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-27	Glycol Dehydrator Reboiler Still Stack	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-28	Glycol Dehydrator Reboiler Burner	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-29	Gathering Lines	---	---	---	---	---	---	---	---	1000 Mile-Years Existing
3-10-002-30	Hydrocarbon Skimmer	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-002-31	Fugitives: Drains	---	---	---	---	---	---	---	---	Each-Year Operating
3-10-002-99	Other Not Classified	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
<i>Natural Gas Processing Facilities - 1311, 1321, 1389, 4911, 4922, 4923</i>										
3-10-003-01	Glycol Dehydrators: Reboiler Still Vent: Triethylene Glycol	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-02	Glycol Dehydrators: Reboiler Burner Stack: Triethylene Glycol	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-03	Glycol Dehydrators: Phase Separator Vent: Triethylene Glycol	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-04	Glycol Dehydrators: Ethylene Glycol: General	---	---	---	---	---	---	---	---	Million Cubic Feet Produced

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Natural Gas Processing Facilities - 1311, 1321, 1389, 4911, 4922, 4923</u>										
3-10-003-05	Gas Sweetening: Amine Process	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-06	Process Valves	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-07	Relief Valves	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-08	Open-ended Lines	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-09	Compressor Seals	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-10	Pump Seals	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-11	Flanges and Connections	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
3-10-003-21	Glycol Dehydrators: Niagaran Formation (Mich.)	---	---	---	---	---	---	---	---	Gallon Per Minute-Year Circulated
3-10-003-22	Glycol Dehydrators: Prairie du Chien Formation (Mich.)	---	---	---	---	---	---	---	---	Gallon Per Minute-Year Circulated
3-10-003-23	Glycol Dehydrators: Antrim Formation (Mich.)	---	---	---	---	---	---	---	---	Gallon Per Minute-Year Circulated
<u>Process Heaters - 1300</u>										
3-10-004-01	Distillate Oil (No. 2)	2	1	---	143.6S	20	0.2	5	---	1000 Gallons Burned
3-10-004-02	Residual Oil	12S	10.3S	---	158.6S	55	0.28	5	0.00224	1000 Gallons Burned
3-10-004-03	Crude Oil	12S	10.3S	---	158.6S	55	0.28	5	---	1000 Gallons Burned
3-10-004-04	Natural Gas	3	3	---	0.6	140	2.8	35	---	Million Cubic Feet Burned
3-10-004-05	Process Gas	3	3	---	950S	140	2.8	35	---	Million Cubic Feet Burned
3-10-004-06	Propane/Butane	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-10-004-11	Distillate Oil (No. 2): Steam Generators	2	1	---	143.6S	20	0.2	5	---	1000 Gallons Burned
3-10-004-12	Residual Oil: Steam Generators	12S	10.3S	---	158.6S	55	0.28	5	---	1000 Gallons Burned
3-10-004-13	Crude Oil: Steam Generators	12S	10.3S	---	158.6S	55	0.28	5	<sup>27</sup> 0.00000194	Footnote 60
3-10-004-14	Natural Gas: Steam Generators	3	3	---	0.6	140	2.8	35	---	Million Cubic Feet Burned
3-10-004-15	Process Gas: Steam Generators	3	3	---	---	140	2.8	35	---	Million Cubic Feet Burned
<u>Liquid Waste Treatment - 1311, 5171</u>										
3-10-005-01	Floatation Units	---	---	---	---	---	---	---	---	Barrels Processed
3-10-005-02	Liquid - Liquid Separator	---	---	---	---	---	---	---	---	Barrels Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Liquid Waste Treatment - 1311, 5171</u>										
3-10-005-03	Oil-Water Separator	---	---	---	---	---	---	---	---	Barrels Processed
3-10-005-04	Oil-Sludge-Waste Water Pit	---	---	---	---	---	---	---	---	Barrels Processed
3-10-005-05	Sand Filter Operation	---	---	---	---	---	---	---	---	Barrels Processed
3-10-005-06	Oil-Water Separation Wastewater Holding Tanks	---	---	---	---	---	---	---	---	Square Feet-Years Existing
<u>Fugitive Emissions - 1300</u>										
3-10-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
3-10-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
3-10-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
3-10-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
3-10-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	100 Barrels Prepared
3-10-888-11	Fugitive Emissions	---	---	---	---	---	---	---	---	Million Cubic Feet Produced
<u>INDUSTRIAL PROCESSES -Building Construction</u>										
<u>Construction: Building Contractors - 1521, 1522</u>										
3-11-001-01	Site Preparation: Topsoil Removal	---	---	---	---	---	---	---	---	Miles Travelled
3-11-001-02	Site Preparation: Earth Moving (Cut and Fill)	---	---	---	---	---	---	---	---	Miles Travelled
3-11-001-03	Site Preparation: Aggregate Hauling (On Dirt)	---	---	---	---	---	---	---	---	Miles Travelled
3-11-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Acres Processed
<u>Demolitions/Special Trade Contracts - 1521, 1522</u>										
3-11-002-01	Mechanical or Explosive Dismemberment	---	---	---	---	---	---	---	---	Square Feet Demolished
3-11-002-02	Mechanical or Explosive Dismemberment	---	---	---	---	---	---	---	---	Tons Processed
3-11-002-03	Debris Loading	---	---	---	---	---	---	---	---	Square Feet Demolished
3-11-002-04	Debris Loading	---	---	---	---	---	---	---	---	Tons Processed
3-11-002-05	On-site Truck Traffic	---	---	---	---	---	---	---	---	Square Feet Demolished
3-11-002-06	On-site Truck Traffic	---	---	---	---	---	---	---	---	Miles Travelled
3-11-002-99	Other Not Classified: Construction/Demolition	---	---	---	---	---	---	---	---	Acres Processed
<u>INDUSTRIAL PROCESSES -Machinery, Miscellaneous</u>										
<u>Miscellaneous Machinery - 3500</u>										
3-12-999-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><i>INDUSTRIAL PROCESSES -Electrical Equipment</i></b>										
<b><i>Electrical Switch Manufacture - 3600, 3613, 3625</i></b>										
3-13-005-00	Electrical Switch Manufacture: Overall Process	---	---	---	---	---	---	---	---	Tons Used
<b><i>Light Bulb Manufacture - 3641</i></b>										
3-13-010-01	Light Bulb Glass to Socket Base Lubrication with SO2	---	---	---	---	---	---	---	---	Pounds Used
<b><i>Fluorescent Lamp Manufacture - 3645, 3646, 3648</i></b>										
3-13-011-00	Fluorescent Lamp Manufacture: Overall Process	---	---	---	---	---	---	---	---	Tons Used
<b><i>Fluorescent Lamp Recycling - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></b>										
3-13-012-00	Fluorescent Lamp Recycling: Lamp Crusher	---	---	---	---	---	---	---	---	Each Crushed
<b><i>Mercury Oxide Battery Manufacture - 2819</i></b>										
3-13-020-00	Mercury Oxide Battery Manufacture: Overall Process	---	---	---	---	---	---	---	---	Tons Used
<b><i>Manufacturing - General - 3651, 3661, 3663, 3671, 3679</i></b>										
3-13-030-01	Circuit Board Manufacturing	---	---	---	---	---	---	---	---	Each Produced
3-13-030-61	Circuit Board Etching: Acid	---	---	---	---	---	---	---	---	1000 Each Produced
3-13-030-62	Circuit Board Etching: Alkaline	---	---	---	---	---	---	---	---	1000 Each Produced
3-13-030-63	Circuit Board Etching: Plasma	---	---	---	---	---	---	---	---	1000 Each Produced
<b><i>Manufacturing - General Processes - 2899, 3299, 3643, 3651, 3661, 3663, 3671, 3714</i></b>										
3-13-035-01	Soldering	---	---	---	---	---	---	---	---	Pounds Used
3-13-035-02	Cleaning	---	---	---	---	---	---	---	---	Pounds Used
<b><i>Semiconductor Manufacturing - 3299, 3661, 3671, 3674, 3714</i></b>										
3-13-065-00	Integrated Circuit Manufacturing: General	---	---	---	---	---	---	---	---	1000 Each Produced
3-13-065-01	Cleaning Processes: Wet Chemical: Specify Aqueous Solution	---	---	---	---	---	---	---	---	Gallons Consumed
3-13-065-02	Cleaning Process: Plasma Process: Specify Gas Used	---	---	---	---	---	---	---	---	1000 Cubic Feet Used
3-13-065-05	Photoresist Operations: General	---	---	---	---	---	---	---	---	Tons Processed
3-13-065-10	Chemical Vapor Deposition: General: Specify Gas Used	---	---	---	---	---	---	---	---	1000 Cubic Feet Used
3-13-065-20	Diffusion Process: Deposition Operation: Specify Gas Used	---	---	---	---	---	---	---	---	1000 Cubic Feet Used
3-13-065-30	Etching Process: Wet Chemical: Specify Aqueous Solution	---	---	---	---	---	---	---	---	Gallons Consumed
3-13-065-31	Etching Process: Plasma/Reactive Ion: Specify Gas Used	---	---	---	---	---	---	---	---	1000 Cubic Feet Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Semiconductor Manufacturing - 3299, 3661, 3671, 3674, 3714</u>										
3-13-065-99	Miscellaneous Operations: General: Specify Material	---	---	---	---	---	---	---	---	Pounds Processed
<u>Electrical Windings Reclamation - 7694</u>										
3-13-070-01	Single Chamber Incinerator/Oven	---	---	---	2.5	---	---	---	---	Tons Charged
3-13-070-02	Multiple Chamber Incinerator/Oven	---	---	---	2.5	---	---	---	---	Tons Charged
<u>Equipment Leaks - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-13-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-13-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-13-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-13-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Process Heaters - 7600</u>										
3-13-900-01	Distillate Oil (No. 2)	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-13-900-02	Residual Oil	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-13-900-03	Natural Gas	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
<u>Other Not Classified - 7600</u>										
3-13-999-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>INDUSTRIAL PROCESSES -Transportation Equipment</u>										
<u>Automobiles/Truck Assembly Operations - 3731, 3713</u>										
3-14-009-01	Solder Joint Grinding	---	---	---	---	---	---	---	---	Each Processed
3-14-009-02	Soldering Machine	---	---	---	---	---	---	---	---	Each Processed
3-14-009-03	Stamping	---	---	---	---	---	---	---	---	Each Processed
<u>Brake Shoe Debonding - 7539</u>										
3-14-010-01	Single Chamber Incinerator	---	---	---	2.5	---	---	---	---	Tons Charged
3-14-010-02	Multiple Chamber Incinerator	---	---	---	2.5	---	---	---	---	Tons Charged
<u>Auto Body Shredding - 5093</u>										
3-14-011-01	Primary Metal Recovery Line	---	---	---	---	---	---	---	---	Tons Processed
3-14-011-02	Secondary Metal Recovery Line	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Welding/Soldering Automotive Repair - 7530, 7532, 7533, 7537, 7539</u>										
3-14-012-01	Soldering	---	---	---	---	---	---	---	---	Pounds Processed
<u>Boat Manufacturing - 3732</u>										
3-14-015-01	General	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-03	Resin Storage	---	---	---	---	---	---	---	---	Tons Stored
3-14-015-04	Resin Transfer	---	---	---	---	---	---	---	---	Tons Transferred
3-14-015-10	Molding and Lamination Operations	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-11	Open Contact Molding: Gel Coat Application, Hand Layup	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-12	Open Contact Molding: Gel Coat Application, Spray Layup	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-13	Open Contact Molding: Gel Coat Curing	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-14	Open Contact Molding: Resin/Laminate Application, Machine Layup	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-15	Open Contact Molding: Resin/Laminate Application, Hand Layup, Spraying	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-16	Open Contact Molding: Resin/Laminate Application, Hand Layup, Brushing	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-17	Open Contact Molding: Resin/Laminate Application, Spray Layup	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-18	Open Contact Molding: Resin/Laminate Curing	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-25	Resin Transfer Molding	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-30	Bag Molding: Resin/Lamination, Hand Layup	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-31	Bag Molding: Resin/Lamination, Spray Layup	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-40	Lamination: Preparation of Resin/Laminate	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-41	Lamination: Polyurethane Foams	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-50	Assembly Area	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-51	Assembly Area: Sanding/Trimming of Laminated Parts	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-52	Assembly Area: Paint Spraying	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-53	Assembly Area: Carpet Glues	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-60	Cleanup	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-61	Cleanup: Tools (Other than Spray Guns)	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-62	Cleanup: Spray Guns	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-63	Cleanup: Molds	---	---	---	---	---	---	---	---	Each Manufactured
3-14-015-70	Waste Disposal: Used Cleanup Solvents	---	---	---	---	---	---	---	---	1000 Gallons Disposed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Boat Manufacturing - 3732</u>										
3-14-015-71	Waste Disposal: Stills	---	---	---	---	---	---	---	---	1000 Gallons Disposed
<u>Equipment Leaks - 9711</u>										
3-14-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-14-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-14-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Point of Generation - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</u>										
3-14-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Other Not Classified - 3700, 5000, 7500</u>										
3-14-999-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>INDUSTRIAL PROCESSES -Photographic Equipment/Health Care/Laboratories</u>										
<u>Photocopying Equipment Manufacturing - 3861</u>										
3-15-010-01	Resin Transfer/Storage	---	---	---	---	---	---	---	---	1000 Pounds Processed
3-15-010-02	Toner Classification	---	---	---	---	---	630	---	---	1000 Pounds Processed
3-15-010-03	Toner (Carbon Black) Grinding	---	---	---	---	---	---	---	---	1000 Pounds Processed
<u>Health Care - Hospitals - 8062</u>										
3-15-020-01	Sterilization with Ethylene Oxide	---	---	---	---	---	2000	---	---	Tons Consumed
3-15-020-02	Sterilization with Freon	---	---	---	---	---	---	---	---	Tons Consumed
3-15-020-03	Sterilization with Formaldehyde	---	---	---	---	---	---	---	---	Tons Consumed
3-15-020-04	Sterilization - Steam Autoclaving	---	---	---	---	---	---	---	---	
3-15-020-21	Shredding Medical Waste	---	---	---	---	---	---	---	---	
3-15-020-88	Laboratory Fugitive Emissions	---	---	---	---	---	---	---	---	Gallons Consumed
3-15-020-89	Miscellaneous Fugitive Emissions	---	---	---	---	---	---	---	---	Gallons Consumed
<u>Health Care - Crematoriums - 3860, 7260, 8000</u>										
3-15-021-01	Crematory Stack	0.0000559	---	---	---	---	---	---	0.0000662	Each Burned
3-15-021-02	Crematory Stack - Human and Animal Crematories	---	---	---	---	---	---	---	---	Tons Burned
<u>Dental Alloy (Mercury Amalgams) Production - 3843, 3860, 8000, 8072</u>										
3-15-025-00	Dental Alloy (Mercury Amalgams) Production: Overall Process	---	---	---	---	---	---	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Thermometer Manufacture - 3820, 3829, 3840, 3860, 8000</u>										
3-15-027-00	Thermometer Manufacture: Overall Process	---	---	---	---	---	---	---	---	Tons Used
<u>Laboratories - 3821, 3860, 8000, 8070, 8071, 8072, 8090</u>										
3-15-030-01	Bench Scale Reagents: Research	---	---	---	---	---	---	---	---	Pounds Processed
3-15-030-02	Bench Scale Reagents: Testing	---	---	---	---	---	---	---	---	Pounds Processed
3-15-030-03	Bench Scale Reagents: Medical	---	---	---	---	---	---	---	---	Pounds Processed
<u>X-rays - 3844, 3860, 8000, 8070, 8071, 8072, 8090</u>										
3-15-031-01	Medical: General	---	---	---	---	---	---	---	---	Each Taken
3-15-031-02	Structural: General	---	---	---	---	---	---	---	---	Each Taken
<u>Commercial Swimming Pools - Chlorination-Chloroform - 3860, 8000, 8070, 8071, 8072, 8090</u>										
3-15-040-01	Chlorination: Chloroform	---	---	---	---	---	---	---	---	Pounds Used
<u>Air-conditioning/Refrigeration - Freons - 3860, 7623, 8000, 8070, 8071, 8072, 8090</u>										
3-15-050-01	Cooling Fluid: Miscellaneous: Freons	---	---	---	---	---	---	---	---	Tons Consumed
3-15-050-02	Cooling Fluid: Miscellaneous: Ammonia	---	---	---	---	---	---	---	---	Tons Consumed
3-15-050-03	Cooling Fluid: Miscellaneous: Specify Fluid	---	---	---	---	---	---	---	---	Tons Consumed
<u>INDUSTRIAL PROCESSES - Photographic Film Manufacturing</u>										
<u>Product Manufacturing - Substrate Preparation - 3861</u>										
3-16-030-01	Extrusion Operations	---	---	---	---	---	---	---	---	
3-16-030-02	Film Support Operations	---	---	---	---	---	---	---	---	
<u>Product Manufacturing - Chemical Preparation - 3861</u>										
3-16-040-01	Chemical Manufacturing	---	---	---	---	---	---	---	---	
3-16-040-02	Emulsion Making Operations	---	---	---	---	---	---	---	---	
3-16-040-03	Chemical Mixing Operations	---	---	---	---	---	---	---	---	
<u>Product Manufacturing - Surface Treatments - 3861</u>										
3-16-050-01	Surface Coating Operations	---	---	---	---	---	---	---	---	
3-16-050-02	Grid Ionizers	---	---	---	---	---	---	---	---	
3-16-050-03	Corona Discharge Treatment	---	---	---	---	---	---	---	---	
3-16-050-04	Photographic Drying Operations	---	---	---	---	---	---	---	---	
<u>Product Manufacturing - Finishing Operations - 3861</u>										
3-16-060-01	General Film Manufacturing	---	---	---	---	---	---	---	---	



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Product Manufacturing - Finishing Operations - 3861</u>										
3-16-060-02	Cutting/Slitting Operations	---	---	---	---	---	---	---	---	
<u>Support Activities - Cleaning Operations - 3861</u>										
3-16-120-01	Tank Cleaning Operations	---	---	---	---	---	---	---	---	
3-16-120-02	General Cleaning Operations	---	---	---	---	---	---	---	---	
3-16-120-03	Parts Cleaning Operations	---	---	---	---	---	---	---	---	
<u>Support Activities - Storage Operations - 3861</u>										
3-16-130-01	Solvent Storage Operations	---	---	---	---	---	---	---	---	
3-16-130-02	General Storage Operations	---	---	---	---	---	---	---	---	
3-16-130-03	Storage Silos	---	---	---	---	---	---	---	---	
3-16-130-04	Waste Storage Operations	---	---	---	---	---	---	---	---	
<u>Support Activities - Material Transfer Operations - 3861</u>										
3-16-140-01	Filling Operations (non petroleum)	---	---	---	---	---	---	---	---	
3-16-140-02	Transfer of Chemicals	---	---	---	---	---	---	---	---	
<u>Support Activities - Separation Processes - 3861</u>										
3-16-150-01	Recovery Operations	---	---	---	---	---	---	---	---	
3-16-150-02	Regeneration Operations	---	---	---	---	---	---	---	---	
3-16-150-03	Distillation Operations	---	---	---	---	---	---	---	---	
3-16-150-04	Filtration Operations	---	---	---	---	---	---	---	---	
<u>Support Activities - Other Operations - 3861</u>										
3-16-160-01	General Ventillation - Manufacturing Areas	---	---	---	---	---	---	---	---	
3-16-160-02	General Process Tank Operations	---	---	---	---	---	---	---	---	
3-16-160-03	Miscellaneous Manufacturing Operations	---	---	---	---	---	---	---	---	
3-16-160-04	Paint Spraying Operations	---	---	---	---	---	---	---	---	
3-16-160-05	General Maintenance Operations	---	---	---	---	---	---	---	---	
3-16-160-06	Chemical Weighing Operations	---	---	---	---	---	---	---	---	
<u>INDUSTRIAL PROCESSES -Leather and Leather Products</u>										
<u>Other Not Classified - 3100</u>										
3-20-999-97	Other Not Classified	---	---	---	---	---	---	---	---	1000 Square Feet Processed
3-20-999-98	Other Not Classified	---	---	---	---	---	19	---	---	Gallons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Other Not Classified - 3100</i>										
3-20-999-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i>INDUSTRIAL PROCESSES -Textile Products</i>										
<i>Miscellaneous - 2261, 2262, 2280, 2290</i>										
3-30-001-01	Yarn Preparation/Bleaching	---	---	---	---	---	---	---	---	Tons Processed
3-30-001-02	Printing	---	---	---	---	---	284	---	---	Tons Processed
3-30-001-03	Polyester Thread Production	---	---	---	---	---	---	---	---	Tons Processed
3-30-001-04	Tenter Frames: Heat Setting	---	---	---	---	---	0.47	---	---	Tons Processed
3-30-001-05	Carding	---	---	---	---	---	---	---	---	Tons Processed
3-30-001-06	Drying	---	---	---	---	---	---	---	---	Tons Processed
3-30-001-98	Other Not Classified	---	---	---	---	---	---	---	---	1000 Feet Processed
3-30-001-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i>Rubberized Fabrics - 3069, 2241</i>										
3-30-002-01	General	---	---	---	---	---	---	---	---	Tons Processed
3-30-002-02	Wet Coating: General	---	---	---	---	---	---	---	---	Tons Processed
3-30-002-03	Hot Melt Coating: General	---	---	---	---	---	---	---	---	Tons Processed
3-30-002-11	Impregnation	---	---	---	---	---	---	---	---	Tons Applied
3-30-002-12	Wet Coating	---	---	---	---	---	1200	---	---	Tons Applied
3-30-002-13	Hot Melt Coating	---	---	---	---	---	---	---	---	Tons Applied
3-30-002-14	Wet Coating Mixing	---	---	---	---	---	120	---	---	Tons Mixed
3-30-002-97	Other Not Classified	---	---	---	---	---	---	---	---	Tons Consumed
3-30-002-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-30-002-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<i>Carpet Operations - 2273</i>										
3-30-003-01	Preparation/Processing	---	---	---	---	---	---	---	---	Tons Processed
3-30-003-02	Printing/Dyeing	---	---	---	---	---	---	---	---	Gallons Processed
3-30-003-03	Basic Material Mixing	---	---	---	---	---	---	---	---	Tons Processed
3-30-003-04	Shearing	---	---	---	---	---	---	---	---	Tons Processed
3-30-003-05	Pile Erector	---	---	---	---	---	---	---	---	Tons Processed
3-30-003-06	Heat Treating	---	---	---	---	---	---	---	---	Tons Processed
3-30-003-07	Drying	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Carpet Operations - 2273</u>										
3-30-003-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Fabric Finishing - 2261, 2262, 2269</u>										
3-30-004-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Processed
<u>Fabric Finishing - 2261, 2262, 2269</u>										
3-30-005-99	Other Not Classified	---	---	---	---	---	---	---	---	Each Produced
<u>Fugitive Emissions - 2200, 3000</u>										
3-30-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
3-30-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
3-30-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
3-30-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
3-30-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
<u>INDUSTRIAL PROCESSES -Printing and Publishing</u>										
<u>Typesetting (Lead Remelting) - 2791</u>										
3-60-001-01	Remelting (Lead Emissions Only)	0.7	0.18	---	---	---	---	---	0.25	Tons Melted
<u>INDUSTRIAL PROCESSES -Cooling Tower</u>										
<u>Process Cooling - multiple (See Appendix D)</u>										
3-85-001-01	Mechanical Draft	---	19	---	---	---	---	---	---	Million Gallons Throughput
3-85-001-02	Natural Draft	---	---	---	---	---	---	---	---	Million Gallons Throughput
3-85-001-10	Other Not Specified	---	---	---	---	---	---	---	---	Million Gallons Throughput
<u>INDUSTRIAL PROCESSES -In-process Fuel Use</u>										
<u>Anthracite Coal - multiple (See Appendix D)</u>										
3-90-001-89	General	10A	2.3A	---	39S	18	0.07	0.6	---	Tons Burned
3-90-001-99	General	---	---	---	---	---	---	---	---	Tons Burned
<u>Bituminous Coal - multiple (See Appendix D)</u>										
3-90-002-01	Cement Kiln/Dryer (Bituminous Coal)	---	---	---	---	---	---	---	---	Tons Burned
3-90-002-03	Lime Kiln (Bituminous)	---	---	---	---	---	---	---	---	Tons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Bituminous Coal - multiple (See Appendix D)</u></i>										
3-90-002-88	General (Subbituminous)	7A	1.6A	---	39S	34	0.07	0.6	---	Tons Burned
3-90-002-89	General (Bituminous)	7A	1.4A	---	39S	34	0.07	0.6	---	Tons Burned
3-90-002-99	General (Bituminous)	---	---	---	---	---	---	---	---	Tons Burned
<i><u>Lignite - 2297</u></i>										
3-90-003-89	General	6.3A	1.3A	---	30S	14	0.07	0.6	---	Tons Burned
3-90-003-99	General	---	---	---	---	---	---	---	---	Tons Burned
<i><u>Residual Oil - multiple (See Appendix D)</u></i>										
3-90-004-02	Cement Kiln/Dryer	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-90-004-03	Lime Kiln	---	---	---	79.5S	---	---	---	---	1000 Gallons Burned
3-90-004-89	General	12S	10.3S	---	158.6S	55	0.28	5	---	1000 Gallons Burned
3-90-004-99	General	---	---	---	---	---	---	---	---	1000 Gallons Burned
<i><u>Distillate Oil - multiple (See Appendix D)</u></i>										
3-90-005-01	Asphalt Dryer	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-90-005-02	Cement Kiln/Dryer	---	---	---	98S	---	---	---	---	1000 Gallons Burned
3-90-005-03	Lime Kiln	---	---	---	72S	---	---	---	---	1000 Gallons Burned
3-90-005-89	General	2	1	---	143.6S	20	0.2	5	---	1000 Gallons Burned
3-90-005-98	Grade 4 Oil: General	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-90-005-99	General	---	---	---	---	---	---	---	---	1000 Gallons Burned
<i><u>Natural Gas - multiple (See Appendix D)</u></i>										
3-90-006-02	Cement Kiln/Dryer	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-90-006-03	Lime Kiln	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-90-006-05	Metal Melting	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-90-006-89	General	3	3	---	0.6	---	---	---	---	Million Cubic Feet Burned
3-90-006-99	General	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<i><u>Process Gas - multiple (See Appendix D)</u></i>										
3-90-007-01	Coke Oven or Blast Furnace	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-90-007-02	Coke Oven Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-90-007-88	General	---	3	---	---	---	---	---	---	Million Cubic Feet Burned
3-90-007-89	Coke Oven Gas	---	4.3	---	---	---	---	---	---	Million Cubic Feet Burned
3-90-007-97	General	---	---	---	---	---	---	---	---	Million Cubic Feet Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Process Gas - multiple (See Appendix D)</i>										
3-90-007-98	General	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
3-90-007-99	General	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
<i>Coke - multiple (See Appendix D)</i>										
3-90-008-01	Mineral Wool Fuel	---	---	---	---	---	---	---	---	Tons Burned
3-90-008-89	General	---	---	---	---	---	---	---	---	Tons Burned
3-90-008-99	General: Coke	---	---	---	---	---	---	---	---	Tons Burned
<i>Wood - multiple (See Appendix D)</i>										
3-90-009-89	General	---	6.5	---	---	---	---	---	---	Tons Burned
3-90-009-99	General: Wood	---	---	---	---	---	---	---	---	Tons Burned
<i>Liquified Petroleum Gas - multiple (See Appendix D)</i>										
3-90-010-89	General	0.4	0.4	---	---	14	0.5	1.9	---	1000 Gallons Burned
3-90-010-99	General	---	---	---	---	---	---	---	---	1000 Gallons Burned
<i>Solid Waste - multiple (See Appendix D)</i>										
3-90-012-89	Solid Waste: General	---	---	---	---	---	---	---	---	Tons Burned
3-90-012-99	General	---	---	---	---	---	---	---	---	Tons Burned
<i>Liquid Waste - multiple (See Appendix D)</i>										
3-90-013-85	Recovered Solvent: General	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-90-013-89	General	19	16.3	---	---	---	---	---	---	1000 Gallons Burned
3-90-013-99	General	---	---	---	---	---	---	---	---	1000 Gallons Burned
<i>Fuel Storage - Fixed Roof Tanks - 2851</i>										
3-90-900-01	Residual Oil: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-900-02	Residual Oil: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-900-03	Distillate Oil (No. 2): Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-900-04	Distillate Oil (No. 2): Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-900-05	Oil No. 6: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-900-06	Oil No. 6: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-900-07	Methanol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-900-08	Methanol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><i>Fuel Storage - Fixed Roof Tanks - 2851</i></b>										
3-90-900-09	Residual Oil/Crude Oil: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-900-10	Residual Oil/Crude Oil: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-900-11	Dual Fuel (Gas/Oil): Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-900-12	Dual Fuel (Gas/Oil): Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<b><i>Fuel Storage - Floating Roof Tanks - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></b>										
3-90-910-01	Residual Oil: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-910-02	Residual Oil: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-910-03	Distillate Oil (No. 2): Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-910-04	Distillate Oil (No. 2): Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-910-05	Oil No. 6: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-910-06	Oil No. 6: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-910-07	Methanol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-910-08	Methanol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-910-09	Residual Oil/Crude Oil: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-910-10	Residual Oil/Crude Oil: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-910-11	Dual Fuel (Gas/Oil): Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
3-90-910-12	Dual Fuel (Gas/Oil): Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<b><i>Fuel Storage - Pressure Tanks - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></b>										
3-90-920-50	Natural Gas: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-920-51	LPG: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-920-52	Landfill Gas: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-920-53	Refinery Gas: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-920-54	Digester Gas: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-920-55	Process Gas: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
3-90-920-56	Dual Fuel (Gas/Oil): Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><i>INDUSTRIAL PROCESSES -Miscellaneous Manufacturing Industries</i></b>										
<b><i>Process Heater/Furnace - 2911</i></b>										
3-99-005-01	Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
<b><i>Process Heater/Furnace - 2891, 2899, 3411, 3423, 3471, 3493, 3523, 3531, 35</i></b>										
3-99-006-01	Natural Gas	---	---	---	---	---	---	---	---	1000 Cubic Feet Burned
<b><i>Process Heater/Furnace - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></b>										
3-99-007-01	Process Gas	---	---	---	---	---	---	---	---	1000 Cubic Feet Burned
3-99-007-11	Refinery Gas	---	---	---	---	---	---	---	---	1000 Cubic Feet Burned
3-99-007-21	Digester Gas	---	---	---	---	---	---	---	---	1000 Cubic Feet Burned
<b><i>Process Heater/Furnace - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></b>										
3-99-008-01	Landfill Gas	---	---	---	---	---	---	---	---	1000 Cubic Feet Burned
<b><i>Process Heater/Furnace - 3356</i></b>										
3-99-010-01	LPG	---	---	---	---	---	---	---	---	1000 Gallons Burned
<b><i>Process Heater/Furnace - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></b>										
3-99-016-01	Methanol	---	---	---	---	---	---	---	---	1000 Gallons Burned
<b><i>Process Heater/Furnace - 2641, 2671, 2800, 2810, 2821, 2851, 2899, 3299</i></b>										
3-99-017-01	Gasoline	---	---	---	---	---	---	---	---	1000 Gallons Burned
<b><i>Miscellaneous Manufacturing Industries - 3900</i></b>										
3-99-900-01	Distillate Oil (No. 2): Process Heaters	---	---	---	143.6S	20	0.2	---	---	1000 Gallons Burned
3-99-900-02	Residual Oil: Process Heaters	---	---	---	158.6S	55	0.28	---	---	1000 Gallons Burned
3-99-900-03	Natural Gas: Process Heaters	---	---	---	0.6	140	2.8	---	---	Million Cubic Feet Burned
3-99-900-04	Process Gas: Process Heaters	---	---	---	950S	140	2.8	---	---	Million Cubic Feet Burned
3-99-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
3-99-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
3-99-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-99-900-14	Process Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-99-900-21	Distillate Oil (No. 2 Oil): Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-99-900-22	Residual Oil: Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
3-99-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
3-99-900-24	Process Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Miscellaneous Industrial Processes - 3900</i>										
3-99-999-89	Other Not Classified	---	---	---	---	---	---	---	---	Kilograms Processed
3-99-999-91	Other Not Classified	---	---	---	---	---	---	---	---	Kilowatt-Hour Used
3-99-999-92	Other Not Classified	---	---	---	---	---	---	---	---	Hour Operated
3-99-999-93	Other Not Classified	---	---	---	---	---	---	---	---	Each Processed
3-99-999-94	Other Not Classified	---	---	---	---	---	---	---	---	Pounds Processed
3-99-999-95	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Processed
3-99-999-96	Other Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Processed
3-99-999-97	Other Not Classified	---	---	---	---	---	---	---	---	Each Processed
3-99-999-98	Other Not Classified	---	---	---	---	---	---	---	---	1000 Each Produced
3-99-999-99	See Comment	---	---	---	---	---	---	---	---	Tons Processed



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
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**PETROLEUM AND SOLVENT EVAPORATION**

*PETROLEUM AND SOLVENT EVAPORATION -Organic Solvent Evaporation*

*Dry Cleaning - 7215, 7216, 7218*

4-01-001-01	Perchloroethylene	---	---	---	---	---	550	---	---	Tons Cleaned
4-01-001-02	Stoddard (Petroleum Solvent) (Use 4-10-001-01 or 4-10-002-01)	---	---	---	---	---	560	---	---	Tons Cleaned
4-01-001-03	Perchloroethylene	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-001-04	Stoddard (Petroleum Solvent) (Use 4-10-001-02 or 4-10-002-02)	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-001-05	Trichlorotrifluoroethane (Freon)	---	---	---	---	---	---	---	---	Tons Consumed
4-01-001-06	Trichlorotrifluoroethane (Freon)	---	---	---	---	---	---	---	---	Tons Cleaned
4-01-001-07	Ethylene Oxide: General	---	---	---	---	---	---	---	---	Tons Consumed
4-01-001-13	Perchloroethylene	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-001-46	Stoddard:Filtr Disp/Cooked Muck(Drained) (Use 4-10-001-61 or 002-61)	---	---	---	---	---	---	---	---	Tons Cleaned
4-01-001-47	Stoddard:Filtr Disp/Cooked Muck (Centrif) (Use 4-10-001-62 or 002-62)	---	---	---	---	---	---	---	---	Tons Cleaned
4-01-001-60	Trichlorofluoroethane: Washer/Dryer/Still	---	---	---	---	---	---	---	---	Tons Cleaned
4-01-001-61	Trichlorofluoroethane: Cartridge Filter Disposal	---	---	---	---	---	---	---	---	Tons Cleaned
4-01-001-62	Trichlorofluoroethane: Still Residue Disposal	---	---	---	---	---	---	---	---	Tons Cleaned
4-01-001-63	Trichlorofluoroethane: Miscellaneous Fugitive	---	---	---	---	---	---	---	---	Tons Cleaned
4-01-001-98	Other Not Classified	---	---	---	---	---	---	---	---	Tons Consumed
4-01-001-99	See Comment	---	---	---	---	---	---	---	---	Tons Cleaned

*Degreasing - 2500, 3300, 3900, 7500*

4-01-002-01	Stoddard (Petroleum Solvent): Open-top Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-02	1,1,1-Trichloroethane (Methyl Chloroform): Open-top Vapor Degreasing	---	---	---	---	---	---	---	---	Tons Used
4-01-002-03	Perchloroethylene: Open-top Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-04	Methylene Chloride: Open-top Vapor Degreasing	---	---	---	---	---	---	---	---	Tons Used
4-01-002-05	Trichloroethylene: Open-top Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-06	Toluene: Open-top Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-07	Trichlorotrifluoroethane (Freon): Open-top Vapor Degreasing	---	---	---	---	---	---	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Degreasing - 2500, 3300, 3900, 7500</i>										
4-01-002-08	Chlorosolve: Open-top Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-09	Butyl Acetate	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-15	Entire Unit: Open-top Vapor Degreasing	---	---	---	---	---	21000	---	---	Each-Year Operating
4-01-002-16	Degreaser: Entire Unit	---	---	---	---	---	150	---	---	1000 Square Feet Degreased
4-01-002-17	Entire Unit	---	---	---	---	---	0.15	---	---	Square Feet-Hours Operated
4-01-002-21	Stoddard (Petroleum Solvent): Conveyorized Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-22	1,1,1-Trichloroethane (Methyl Chloroform):Conveyorized Vapor Degreaser	---	---	---	---	---	1031	---	---	Tons Used
4-01-002-23	Perchloroethylene: Conveyorized Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-24	Methylene Chloride: Conveyorized Vapor Degreasing	---	---	---	---	---	---	---	---	Tons Used
4-01-002-25	Trichloroethylene: Conveyorized Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-35	Entire Unit: with Vaporized Solvent: Conveyorized Vapor Degreasing	---	---	---	---	---	52000	---	---	Each-Year Operating
4-01-002-36	Entire Unit: with Non-boiling Solvent: Conveyorized Vapor Degreasing	---	---	---	---	---	104000	---	---	Each-Year Operating
4-01-002-51	Stoddard (Petroleum Solvent): General Degreasing Units	---	---	---	---	---	7	---	---	Gallons Consumed
4-01-002-52	1,1,1-Trichloroethane (Methyl Chloroform): General Degreasing Units	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-002-53	Perchloroethylene: General Degreasing Units	---	---	---	---	---	13.6	---	---	Gallons Consumed
4-01-002-54	Methylene Chloride: General Degreasing Units	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-002-55	Trichloroethylene: General Degreasing Units	---	---	---	---	---	12.2	---	---	Gallons Consumed
4-01-002-56	Toluene: General Degreasing Units	---	---	---	---	---	7.2	---	---	Gallons Consumed
4-01-002-57	Trichlorotrifluoroethane (Freon): General Degreasing Units	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-002-58	Trichlorofluoromethane: General Degreasing Units	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-002-59	1,1,1-Trichloroethane (Methyl Chloroform): General Degreasing Units	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-002-95	Other Not Classified: General Degreasing Units	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-002-96	Other Not Classified: General Degreasing Units	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-002-97	Other Not Classified: Open-top Vapor Degreasing	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-002-98	Other Not Classified: Conveyorized Vapor Degreasing	---	---	---	---	---	2000	---	---	Tons Used
4-01-002-99	Other Not Classified: Open-top Vapor Degreasing	---	---	---	---	---	---	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Cold Solvent Cleaning/Stripping - 2500, 3300, 3900, 7500</i></u>										
4-01-003-01	Methanol	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-003-02	Methylene Chloride	---	---	---	---	---	---	---	---	Tons Consumed
4-01-003-03	Stoddard (Petroleum Solvent)	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-003-04	Perchloroethylene	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-003-05	1,1,1-Trichloroethane (Methyl Chloroform)	---	---	---	---	---	---	---	---	Tons Consumed
4-01-003-06	Trichloroethylene	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-003-07	Isopropyl Alcohol	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-003-08	Methyl Ethyl Ketone	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-003-09	Freon	---	---	---	---	---	---	---	---	Tons Consumed
4-01-003-10	Acetone	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-003-11	Glycol Ethers	---	---	---	---	---	---	---	---	Tons Consumed
4-01-003-35	Entire Unit	---	---	---	---	---	660	---	---	Each-Year Operating
4-01-003-36	Degreaser: Entire Unit	---	---	---	---	---	80	---	---	1000 Square Feet Degreased
4-01-003-98	Other Not Classified	---	---	---	---	---	---	---	---	Gallons Consumed
4-01-003-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Consumed
<u><i>Knit Fabric Scouring with Chlorinated Solvent - 2200</i></u>										
4-01-004-01	Perchloroethylene	---	---	---	---	---	2000	---	---	Tons Consumed
4-01-004-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Consumed
<u><i>Solvent Storage - 3861</i></u>										
4-01-005-01	General Processes: Spent Solvent Storage	---	---	---	---	---	---	---	---	Gallons Stored
4-01-005-50	General Processes: Drum Storage - Pure Organic Chemicals	---	---	---	---	---	---	---	---	Gallons Stored
<u><i>Fugitive Emissions - 2500, 3300, 3900, 7500</i></u>										
4-01-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-01-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-01-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-01-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-01-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-01-888-98	Specify in Comments Field	---	---	---	---	---	---	---	---	Gallons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><i>PETROLEUM AND SOLVENT EVAPORATION -Surface Coating Operations</i></b>										
<b><i>Surface Coating Application - General - multiple (See Appendix D)</i></b>										
4-02-001-01	Paint: Solvent-base	---	---	---	---	---	1120	---	---	Tons Applied
4-02-001-10	Paint: Solvent-base	---	---	---	---	---	5.6	---	---	Gallons Processed
<b><i>Surface Coating Application - General - multiple (See Appendix D)</i></b>										
4-02-002-01	Paint: Water-base	---	---	---	---	---	246	---	---	Tons Applied
4-02-002-10	Paint: Water-base	---	---	---	---	---	1.3	---	---	Gallons Processed
<b><i>Surface Coating Application - General - multiple (See Appendix D)</i></b>										
4-02-003-01	Varnish/Shellac	---	---	---	---	---	1000	---	---	Tons Applied
4-02-003-10	Varnish/Shellac	---	---	---	---	---	3.3	---	---	Gallons Processed
<b><i>Surface Coating Application - General - multiple (See Appendix D)</i></b>										
4-02-004-01	Lacquer	---	---	---	---	---	1540	---	---	Tons Applied
4-02-004-10	Lacquer	---	---	---	---	---	6.1	---	---	Gallons Processed
<b><i>Surface Coating Application - General - multiple (See Appendix D)</i></b>										
4-02-005-01	Enamel	---	---	---	---	---	840	---	---	Tons Applied
4-02-005-10	Enamel	---	---	---	---	---	3.5	---	---	Gallons Processed
<b><i>Surface Coating Application - General - multiple (See Appendix D)</i></b>										
4-02-006-01	Primer	---	---	---	---	---	1320	---	---	Tons Applied
4-02-006-10	Primer	---	---	---	---	---	6.6	---	---	Gallons Processed
<b><i>Surface Coating Application - General - multiple (See Appendix D)</i></b>										
4-02-007-01	Adhesive Application	---	---	---	---	---	1270	---	---	Tons Applied
4-02-007-06	Adhesive: Solvent Mixing	---	---	---	---	---	---	---	---	Tons Mixed
4-02-007-07	Adhesive: Solvent Storage	---	---	---	---	---	---	---	---	Tons Stored
4-02-007-10	Adhesive: General	---	---	---	---	---	4.4	---	---	Gallons Processed
4-02-007-11	Adhesive: Spray	---	---	---	---	---	---	---	---	Gallons Applied
4-02-007-12	Adhesive: Roll-on	---	---	---	---	---	---	---	---	Gallons Applied
<b><i>Coating Oven - General - multiple (See Appendix D)</i></b>										
4-02-008-01	General	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-02	Dried < 175F	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-03	Baked > 175F	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Coating Oven - General - multiple (See Appendix D)</i>										
4-02-008-10	General	---	---	---	---	---	---	---	---	Gallons Processed
4-02-008-20	Prime/Base Coat Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-30	Topcoat Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-40	Two Piece Can Curing Ovens: General (Includes Codes 41, 42, and 43)	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-41	Two Piece Can Base Coat Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-42	Two Piece Can Over Varnish Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-43	Two Piece Can Interior Body Coat Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-45	Three Piece Can Curing Ovens (Includes Codes 46, 47, 48, and 49)	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-46	Three Piece Can Sheet Base Coat (Interior) Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-47	Three Piece Can Sheet Base Coat (Exterior) Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-48	Three Piece Can Sheet Lithographic Coating Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-49	Three Piece Can Interior Body Coat Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-55	Filler Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-56	Sealer Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-61	Single Coat Application: Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-70	Color Coat Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-71	Topcoat/Texture Coat Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-72	EMI/RFI Shielding Coat Oven	---	---	---	---	---	---	---	---	Tons Processed
4-02-008-98	General	---	---	---	---	---	---	---	---	1000 Feet Processed
4-02-008-99	See Comment	---	---	---	---	---	---	---	---	Tons Processed
<i>Thinning Solvents - General - multiple (See Appendix D)</i>										
4-02-009-01	General: Specify in Comments	---	---	---	---	---	---	---	---	Tons Used
4-02-009-02	Acetone	---	---	---	---	---	---	---	---	Tons Used
4-02-009-03	Butyl Acetate	---	---	---	---	---	---	---	---	Tons Used
4-02-009-04	Butyl Alcohol	---	---	---	---	---	---	---	---	Tons Used
4-02-009-05	Carbitol	---	---	---	---	---	---	---	---	Tons Used
4-02-009-06	Cellosolve	---	---	---	---	---	---	---	---	Tons Used
4-02-009-07	Cellosolve Acetate	---	---	---	---	---	---	---	---	Tons Used
4-02-009-08	Dimethyl Formamide	---	---	---	---	---	---	---	---	Tons Used
4-02-009-09	Ethyl Acetate	---	---	---	---	---	---	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Thinning Solvents - General - multiple (See Appendix D)</i>										
4-02-009-10	Ethyl Alcohol	---	---	---	---	---	---	---	---	Tons Used
4-02-009-11	Gasoline	---	---	---	---	---	---	---	---	Tons Used
4-02-009-12	Isopropyl Alcohol	---	---	---	---	---	---	---	---	Tons Used
4-02-009-13	Isopropyl Acetate	---	---	---	---	---	---	---	---	Tons Used
4-02-009-14	Kerosene	---	---	---	---	---	---	---	---	Tons Used
4-02-009-15	Lactol Spirits	---	---	---	---	---	---	---	---	Tons Used
4-02-009-16	Methyl Acetate	---	---	---	---	---	---	---	---	Tons Used
4-02-009-17	Methyl Alcohol	---	---	---	---	---	---	---	---	Tons Used
4-02-009-18	Methyl Ethyl Ketone	---	---	---	---	---	---	---	---	Tons Used
4-02-009-19	Methyl Isobutyl Ketone	---	---	---	---	---	---	---	---	Tons Used
4-02-009-20	Mineral Spirits	---	---	---	---	---	---	---	---	Tons Used
4-02-009-21	Naphtha	---	---	---	---	---	---	---	---	Tons Used
4-02-009-22	Toluene	---	---	---	---	---	---	---	---	Tons Used
4-02-009-23	Varsol	---	---	---	---	---	---	---	---	Tons Used
4-02-009-24	Xylene	---	---	---	---	---	---	---	---	Tons Used
4-02-009-25	Benzene	---	---	---	---	---	---	---	---	Tons Used
4-02-009-26	Turpentine	---	---	---	---	---	---	---	---	Tons Used
4-02-009-27	Hexylene Glycol	---	---	---	---	---	---	---	---	Tons Used
4-02-009-28	Ethylene Oxide	---	---	---	---	---	---	---	---	Tons Used
4-02-009-29	1,1,1-Trichloroethane (Methyl Chloroform)	---	---	---	---	---	---	---	---	Tons Used
4-02-009-30	Methylene Chloride	---	---	---	---	---	---	---	---	Tons Used
4-02-009-31	Perchloroethylene	---	---	---	---	---	2000	---	---	Tons Used
4-02-009-98	General: Specify in Comments	---	---	---	---	---	---	---	---	Gallons Used
<i>Coating Oven Heater - multiple (See Appendix D)</i>										
4-02-010-01	Natural Gas	3	3	---	0.6	---	---	---	---	Million Cubic Feet Burned
4-02-010-02	Distillate Oil	2	---	---	143.65S	---	---	---	---	1000 Gallons Burned
4-02-010-03	Residual Oil	12	---	---	158.6S	---	---	---	---	1000 Gallons Burned
4-02-010-04	Liquified Petroleum Gas (LPG)	0.28	---	---	0.09s	---	---	---	---	1000 Gallons Burned
<i>Fabric Coating/Printing - 2295, 2261, 2262, 2269</i>										
4-02-011-01	Coating Operation (Also See Specific Coating Method Codes 4-02-04X)	---	---	---	---	---	1600	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fabric Coating/Printing - 2295, 2261, 2262, 2269</u></i>										
4-02-011-03	Coating Mixing (Also See Specific Coating Method Codes 4-02-04X)	---	---	---	---	---	200	---	---	Tons Used
4-02-011-04	Coating Storage (Also See Specific Coating Method Codes 4-02-04X)	---	---	---	---	---	---	---	---	Tons Used
4-02-011-05	Equipment Cleanup: Fabric Coating (Also Spec Coat Method Codes 4-02-04X)	---	---	---	---	---	200	---	---	Tons Used
4-02-011-11	Fabric Printing: Roller (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	284	---	---	Tons Processed
4-02-011-12	Fabric Printing: Roller (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	278000	---	---	Each-Year Operating
4-02-011-13	Fabric Printing: Rotary Screen (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	46	---	---	Tons Processed
4-02-011-14	Fabric Printing: Rotary Screen (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	62000	---	---	Each-Year Operating
4-02-011-15	Fabric Printing: Flat Screen (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	158	---	---	Tons Processed
4-02-011-16	Fabric Printing: Flat Screen (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	62000	---	---	Each-Year Operating
4-02-011-21	Fabric Print: Dryer: Steam Coil (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	---	---	---	Tons Processed
4-02-011-22	Fabric Print: Dryer: Fuel-fired (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	---	---	---	Tons Processed
4-02-011-97	Misc. Fugitives: Specify in Comments (Also New Codes 4-02-040-XX)	---	---	---	---	---	---	---	---	Tons Used
4-02-011-98	Misc. Fugitives: Specify in Comments (Also New Codes 4-02-040-XX)	---	---	---	---	---	---	---	---	Tons Coated
4-02-011-99	Other Not Classified (Also See New Codes Under 4-02-040-XX)	---	---	---	---	---	2000	---	---	Tons Used
<i><u>Fabric Dyeing - 2200</u></i>										
4-02-012-01	Dye Application: General (Also See New Codes Under 4-02-060-XX)	---	---	---	---	---	---	---	---	Tons Consumed
4-02-012-10	Dye Application: General (Also See New Codes Under 4-02-060-XX)	---	---	---	---	---	---	---	---	Gallons Consumed
<i><u>Paper Coating - 2671, 2672</u></i>										
4-02-013-01	Coating Operation	---	---	---	---	---	1400	---	---	Tons Used
4-02-013-03	Coating Mixing	---	---	---	---	---	300	---	---	Tons Used
4-02-013-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-013-05	Equipment Cleanup	---	---	---	---	---	300	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Paper Coating - 2671, 2672</i>										
4-02-013-10	Coating Application: Knife Coater	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-013-20	Coating Application: Reverse Roll Coater	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-013-30	Coating Application: Rotogravure Printer	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-013-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i>Large Appliances - 3630, 3650, 3430, 3580</i>										
4-02-014-01	Prime Coating Operation	---	---	---	---	---	900	---	---	Tons Used
4-02-014-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-014-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-014-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-014-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-014-06	Topcoat Spray	---	---	---	---	---	700	---	---	Tons Used
4-02-014-10	Prime Coat Flashoff	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-014-11	Topcoat Flashoff	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-014-31	Coating Line: General	---	---	---	---	---	0.9	---	---	Each Produced
4-02-014-32	Prime Air Spray	---	---	---	---	---	3.1	---	---	1000 Square Feet Coated
4-02-014-33	Prime Electrostatic Spray	---	---	---	---	---	1.79	---	---	1000 Square Feet Coated
4-02-014-34	Prime Flow Coat	---	---	---	---	---	1.65	---	---	1000 Square Feet Coated
4-02-014-35	Prime Dip Coat	---	---	---	---	---	1.65	---	---	1000 Square Feet Coated
4-02-014-36	Prime Electro-deposition	---	---	---	---	---	1.5	---	---	1000 Square Feet Coated
4-02-014-37	Top Air Spray	---	---	---	---	---	6.3	---	---	1000 Square Feet Coated
4-02-014-38	Top Electrostatic Spray	---	---	---	---	---	3.2	---	---	1000 Square Feet Coated
4-02-014-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i>Magnet Wire Surface Coating - 3357, 3351</i>										
4-02-015-01	Coating/Application/Curing	---	---	---	---	---	1600	---	---	Tons Used
4-02-015-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-015-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-015-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-015-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-015-31	Coating Line: General	---	---	---	---	---	186000	---	---	Each-Year Operating
4-02-015-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Automobiles and Light Trucks - 3771, 3713, 3711</u>										
4-02-016-01	Prime Application/Electro-deposition/Dip/Spray	9.68	4.52	---	---	---	500	---	---	Tons Used
4-02-016-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-016-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-016-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-016-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-016-06	Topcoat Operation	---	---	---	---	---	800	---	---	Tons Used
4-02-016-07	Sealers	---	---	---	---	---	---	---	---	Gallons Used
4-02-016-08	Deadeners	---	---	---	---	---	---	---	---	Gallons Used
4-02-016-09	Anti-corrosion Priming	---	---	---	---	---	---	---	---	Gallons Used
4-02-016-19	Prime Surfacing Operation	---	---	---	---	---	100	---	---	Tons Used
4-02-016-20	Repair Topcoat Application Area	---	---	---	---	---	200	---	---	Tons Used
4-02-016-21	Prime Coating: Solvent-borne - Automobiles	---	---	---	---	---	14.54	---	---	Each Produced
4-02-016-22	Prime Coating: Electro-deposition - Automobiles	---	---	---	---	---	0.45	---	---	Each Produced
4-02-016-23	Guide Coating: Solvent-borne - Automobiles	---	---	---	---	---	4.16	---	---	Each Produced
4-02-016-24	Guide Coating: Water-borne - Automobiles	---	---	---	---	---	1.5	---	---	Each Produced
4-02-016-25	Topcoat: Solvent-borne - Automobiles	---	---	---	---	---	27.3	---	---	Each Produced
4-02-016-26	Topcoat: Water-borne - Automobiles	---	---	---	---	---	4.95	---	---	Each Produced
4-02-016-27	Prime Coating: Solvent-borne - Light Trucks	---	---	---	---	---	42.39	---	---	Each Produced
4-02-016-28	Prime Coating: Electro-deposition - Light Trucks	---	---	---	---	---	0.58	---	---	Each Produced
4-02-016-29	Guide Coating: Solvent-borne - Light Trucks	---	---	---	---	---	14.04	---	---	Each Produced
4-02-016-30	Guide Coating: Water-borne - Light Trucks	---	---	---	---	---	5.06	---	---	Each Produced
4-02-016-31	Topcoat: Solvent-borne - Light Trucks	---	---	---	---	---	40.3	---	---	Each Produced
4-02-016-32	Topcoat: Water-borne - Light Trucks	---	---	---	---	---	15.47	---	---	Each Produced
4-02-016-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<u>Metal Can Coating - 3411</u>										
4-02-017-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-017-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-017-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-017-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-017-06	Solvent Storage	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-02-017-21	Two Piece Exterior Base Coating	---	---	---	---	---	900	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Metal Can Coating - 3411</u></i>										
4-02-017-22	Interior Spray Coating	---	---	---	---	---	400	---	---	Tons Used
4-02-017-23	Sheet Base Coating (Interior)	---	---	---	---	---	---	---	---	Tons Used
4-02-017-24	Sheet Base Coating (Exterior)	---	---	---	---	---	700	---	---	Tons Used
4-02-017-25	Side Seam Spray Coating	---	---	---	---	---	100	---	---	Tons Used
4-02-017-26	End Sealing Compound (Also See 4-02-017-36 & -37)	---	---	---	---	---	100	---	---	Tons Used
4-02-017-27	Lithography	---	---	---	---	---	400	---	---	Tons Used
4-02-017-28	Over Varnish	---	---	---	---	---	200	---	---	Tons Used
4-02-017-29	Exterior End Coating	---	---	---	---	---	---	---	---	Each-Year Operating
4-02-017-31	Three-piece Can Sheet Base Coating	---	---	---	---	---	352000	---	---	Each-Year Operating
4-02-017-32	Three-piece Can Sheet Lithographic Coating Line	---	---	---	---	---	110000	---	---	Each-Year Operating
4-02-017-33	Three-piece Can-side Seam Spray Coating	---	---	---	---	---	40000	---	---	Each-Year Operating
4-02-017-34	Three-piece Can Interior Body Spray Coat	---	---	---	---	---	176000	---	---	Each-Year Operating
4-02-017-35	Two-piece Can Coating Line	---	---	---	---	---	574000	---	---	Each-Year Operating
4-02-017-36	Two-piece Can End Sealing Compound	---	---	---	---	---	30000	---	---	Each-Year Operating
4-02-017-37	Three Piece Can End Sealing Compound	---	---	---	---	---	---	---	---	Each-Year Operating
4-02-017-38	Two Piece Can Lithographic Coating Line	---	---	---	---	---	---	---	---	Each-Year Operating
4-02-017-39	Three Piece Can Coating Line (All Coating Solvent Emission Points)	---	---	---	---	---	---	---	---	Each-Year Operating
4-02-017-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i><u>Metal Coil Coating - 3353, 3354</u></i>										
4-02-018-01	Prime Coating Application	---	---	---	---	---	800	---	---	Tons Used
4-02-018-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-018-03	Solvent Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-018-04	Solvent Storage (Use 4-07-004-01 thru 4-07-999-98 if possible)	---	---	---	---	---	---	---	---	Tons Used
4-02-018-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-018-06	Finish Coating	---	---	---	---	---	800	---	---	Tons Used
4-02-018-07	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-018-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i><u>Wood Furniture Surface Coating - 2511, 2512, 2517, 2521</u></i>										
4-02-019-01	Coating Operation	---	---	---	---	---	1600	---	---	Tons Used
4-02-019-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Wood Furniture Surface Coating - 2511, 2512, 2517, 2521</i>										
4-02-019-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-019-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i>Metal Furniture Operations - 2514, 2522</i>										
4-02-020-01	Coating Operation	---	---	---	---	---	1600	---	---	Tons Used
4-02-020-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-020-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-020-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-020-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-020-10	Prime Coat Application	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-11	Prime Coat Application: Spray, High Solids	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-12	Prime Coat Application: Spray, Water-borne	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-13	Prime Coat Application: Dip	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-14	Prime Coat Application: Flow Coat	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-15	Prime Coat Application: Flashoff	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-20	Topcoat Application	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-21	Topcoat Application: Spray, High Solids	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-22	Topcoat Application: Spray, Water-borne	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-23	Topcoat Application: Dip	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-24	Topcoat Application: Flow Coat	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-25	Topcoat Application: Flashoff	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-31	Single Spray Line: General	---	---	---	---	---	22.9	---	---	1000 Square Feet Coated
4-02-020-32	Spray Dip Line: General (Use 4-02-020-37)	---	---	---	---	---	15.3	---	---	1000 Square Feet Coated
4-02-020-33	Spray High Solids Coating (Use 4-02-020-35)	---	---	---	---	---	6.8	---	---	1000 Square Feet Coated
4-02-020-34	Spray Water-borne Coating (Use 4-02-020-36)	---	---	---	---	---	4.3	---	---	1000 Square Feet Coated
4-02-020-35	Single Coat Application: Spray, High Solids	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-36	Single Coat Application: Spray, Water-borne	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-37	Single Coat Application: Dip	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-38	Single Coat Application: Flow Coat	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-39	Single Coat Application: Flashoff	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-020-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Flatwood Products - 2435, 2492, 2499</i>										
4-02-021-01	Base Coat	---	---	---	---	---	800	---	---	Tons Used
4-02-021-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-021-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-021-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-021-06	Topcoat	---	---	---	---	---	800	---	---	Tons Used
4-02-021-07	Filler	---	---	---	---	---	2000	---	---	Tons Used
4-02-021-08	Sealer	---	---	---	---	---	2000	---	---	Tons Used
4-02-021-09	Inks	---	---	---	---	---	2000	---	---	Tons Used
4-02-021-10	Grove Coat Application	---	---	---	---	---	---	---	---	Tons Used
4-02-021-11	Stain Application	---	---	---	---	---	---	---	---	Tons Used
4-02-021-17	Filler Sander	---	---	---	---	---	---	---	---	1000 Square Feet Produced
4-02-021-18	Sealer Sander	---	---	---	---	---	---	---	---	1000 Square Feet Produced
4-02-021-31	Water-borne Coating	---	---	---	---	---	2.5	---	---	1000 Square Feet Coated
4-02-021-32	Solvent-borne Coating	---	---	---	---	---	16.5	---	---	1000 Square Feet Coated
4-02-021-33	Ultraviolet Coating	---	---	---	---	---	0.8	---	---	1000 Square Feet Coated
4-02-021-40	Surface Preparation (Includes Tempering, Sanding, Brushing, Grove Cut)	---	---	---	---	---	---	---	---	1000 Square Feet Produced
4-02-021-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i>Plastic Parts - 3079</i>										
4-02-022-01	Coating Operation	---	---	---	---	---	1600	---	---	Tons Used
4-02-022-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-022-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-022-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-022-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-022-06	Business: Baseline Coating Mix	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-07	Business: Low Solids Solvent-borne Coating	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-08	Business: Medium Solids Solvent-borne Coating	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-09	Business: High Solids Coating (25% Efficiency)	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-10	Business: High Solids Solvent-borne Coating (40% Efficiency)	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-11	Business: Water-borne Coating	---	---	---	---	---	---	---	---	Square Feet Coated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Plastic Parts - 3079</u></i>										
4-02-022-12	Business: Low Solids Solvent-borne EMI/RFI Shielding Coating	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-13	Business: Higher Solids Solvent-borne EMI/RFI Shielding Coating	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-14	Business: Water-borne EMI/RFI Shielding Coating	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-15	Business: Zinc Arc Spray	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-20	Prime Coat Application	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-29	Prime Coat Flashoff	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-30	Color Coat Application	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-39	Color Coat Flashoff	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-40	Topcoat/Texture Coat Application	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-49	Topcoat/Texture Coat Flashoff	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-50	EMI/RFI Shielding Coat Application	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-59	EMI/RFI Shielding Coat Flashoff	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-70	Sanding/Grit Blasting Prior to EMI/RFI Shielding Coat Application	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-80	Maskant Application	---	---	---	---	---	---	---	---	Square Feet Coated
4-02-022-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i><u>Large Ships - 3731</u></i>										
4-02-023-01	Prime Coating Operation	---	---	---	---	---	800	---	---	Tons Used
4-02-023-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-023-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-023-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-023-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-023-06	Topcoat Operation	---	---	---	---	---	800	---	---	Tons Used
4-02-023-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i><u>Large Aircraft - 3721</u></i>										
4-02-024-01	Prime Coating Operation	---	---	---	---	---	800	---	---	Tons Used
4-02-024-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-024-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-024-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-024-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Large Aircraft - 3721</i>										
4-02-024-06	Topcoat Operation	---	---	---	---	---	800	---	---	Tons Used
4-02-024-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Used
<i>Miscellaneous Metal Parts - multiple (See Appendix D)</i>										
4-02-025-01	Coating Operation	---	---	---	---	---	1600	---	---	Tons Used
4-02-025-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Tons Used
4-02-025-03	Coating Mixing	---	---	---	---	---	200	---	---	Tons Used
4-02-025-04	Coating Storage	---	---	---	---	---	---	---	---	Tons Used
4-02-025-05	Equipment Cleanup	---	---	---	---	---	200	---	---	Tons Used
4-02-025-10	Prime Coat Application	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-11	Prime Coat Application: Spray, High Solids	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-12	Prime Coat Application: Spray, Water-borne	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-15	Prime Coat Application: Flashoff	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-20	Topcoat Application	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-21	Topcoat Application: Spray, High Solids	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-22	Topcoat Application: Spray, Water-borne	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-23	Topcoat Application: Dip	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-24	Topcoat Application: Flow Coat	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-25	Topcoat Application: Flashoff	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-31	Conveyor Single Flow	---	---	---	---	---	15.3	---	---	1000 Square Feet Coated
4-02-025-32	Conveyor Single Dip	---	---	---	---	---	15.3	---	---	1000 Square Feet Coated
4-02-025-33	Conveyor Single Spray	---	---	---	---	---	27.5	---	---	1000 Square Feet Coated
4-02-025-34	Conveyor Two Coat, Flow and Spray	---	---	---	---	---	42.8	---	---	1000 Square Feet Coated
4-02-025-35	Conveyor Two Coat, Dip and Spray	---	---	---	---	---	42.8	---	---	1000 Square Feet Coated
4-02-025-36	Conveyor Two Coat, Spray	---	---	---	---	---	55	---	---	1000 Square Feet Coated
4-02-025-37	Manual Two Coat, Spray and Air Dry	---	---	---	---	---	54.8	---	---	1000 Square Feet Coated
4-02-025-42	Single Coat Application: Spray, High Solids	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-43	Single Coat Application: Spray, Water-borne	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-44	Single Coat Application: Dip	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-45	Single Coat Application: Flow Coat	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-46	Single Coat Application: Flashoff	---	---	---	---	---	---	---	---	1000 Square Feet Coated
4-02-025-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Steel Drums - 3412</i>										
4-02-026-01	Coating Operation	---	---	---	---	---	4.3	---	---	Gallons Consumed
4-02-026-02	Cleaning/Pretreatment	---	---	---	---	---	---	---	---	Gallons Consumed
4-02-026-03	Coating Mixing	---	---	---	---	---	0.5	---	---	Gallons Consumed
4-02-026-04	Coating Storage	---	---	---	---	---	---	---	---	Gallons Consumed
4-02-026-05	Equipment Cleanup	---	---	---	---	---	0.5	---	---	Gallons Consumed
4-02-026-06	Interior Coating	---	---	---	---	---	2.2	---	---	Gallons Consumed
4-02-026-07	Exterior Coating	---	---	---	---	---	2.2	---	---	Gallons Consumed
4-02-026-99	Specify in Comments Field	---	---	---	---	---	---	---	---	Gallons Consumed
<i>Glass Mirrors - 3559, 3231</i>										
4-02-027-01	Mirror Backing: Coating Operation	---	---	---	---	---	---	---	---	Tons Applied
4-02-027-10	Mirror Backing: Coating Operation	---	---	---	---	---	---	---	---	Gallons Applied
<i>Semiconductors - 3674</i>										
4-02-030-01	Specify Solvent	---	---	---	---	---	---	---	---	Tons Used
<i>Fabric Printing - multiple (See Appendix D)</i>										
4-02-040-01	Roller: Print Paste	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-02	Roller: Application	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-03	Roller: Transfer	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-04	Roller: Steam Cans/Drying	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-10	Rotary Screen: Print Paste	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-11	Rotary Screen: Application	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-12	Rotary Screen: Transfer	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-13	Rotary Screen: Drying/Curing	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-20	Flat Screen: Print Paste	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-21	Flat Screen: Application	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-22	Flat Screen: Transfer	---	---	---	---	---	---	---	---	Tons Processed
4-02-040-23	Flat Screen: Drying/Curing	---	---	---	---	---	---	---	---	Tons Processed
<i>Fabric Coating, Knife Coating - multiple (See Appendix D)</i>										
4-02-041-21	Mixing Tanks	---	---	---	---	---	---	---	---	Tons Coated
4-02-041-30	Coating Application	---	---	---	---	---	---	---	---	Tons Coated
4-02-041-40	Drying/Curing	---	---	---	---	---	---	---	---	Tons Coated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fabric Coating, Knife Coating - multiple (See Appendix D)</u></i>										
4-02-041-50	Cleanup	---	---	---	---	---	---	---	---	Tons Coated
4-02-041-51	Cleanup: Coating Application Equipment	---	---	---	---	---	---	---	---	Tons Coated
4-02-041-52	Cleanup: Empty Coating Drums	---	---	---	---	---	---	---	---	Tons Coated
4-02-041-60	Waste	---	---	---	---	---	---	---	---	Tons Coated
4-02-041-61	Waste: Cleaning Rags	---	---	---	---	---	---	---	---	Tons Coated
4-02-041-62	Waste: Waste Ink Disposal	---	---	---	---	---	---	---	---	Tons Coated
<i><u>Fabric Coating, Roller Coating - multiple (See Appendix D)</u></i>										
4-02-042-21	Mixing Tanks	---	---	---	---	---	---	---	---	Tons Coated
4-02-042-30	Coating Application	---	---	---	---	---	---	---	---	Tons Coated
4-02-042-40	Drying/Curing	---	---	---	---	---	---	---	---	Tons Coated
4-02-042-50	Cleanup	---	---	---	---	---	---	---	---	Tons Coated
4-02-042-51	Cleanup: Coating Application Equipment	---	---	---	---	---	---	---	---	Tons Coated
4-02-042-52	Cleanup: Empty Coating Drums	---	---	---	---	---	---	---	---	Tons Coated
4-02-042-60	Waste	---	---	---	---	---	---	---	---	Tons Coated
4-02-042-61	Waste: Cleaning Rags	---	---	---	---	---	---	---	---	Tons Coated
4-02-042-62	Waste: Waste Ink Disposal	---	---	---	---	---	---	---	---	Tons Coated
<i><u>Fabric Coating, Dip Coating - multiple (See Appendix D)</u></i>										
4-02-043-21	Mixing Tanks	---	---	---	---	---	---	---	---	Tons Coated
4-02-043-30	Coating Application	---	---	---	---	---	---	---	---	Tons Coated
4-02-043-40	Drying/Curing	---	---	---	---	---	---	---	---	Tons Coated
4-02-043-50	Cleanup	---	---	---	---	---	---	---	---	Tons Coated
4-02-043-51	Cleanup: Coating Application Equipment	---	---	---	---	---	---	---	---	Tons Coated
4-02-043-52	Cleanup: Empty Coating Drums	---	---	---	---	---	---	---	---	Tons Coated
4-02-043-60	Waste	---	---	---	---	---	---	---	---	Tons Coated
4-02-043-61	Waste: Cleaning Rags	---	---	---	---	---	---	---	---	Tons Coated
4-02-043-62	Waste: Waste Ink Disposal	---	---	---	---	---	---	---	---	Tons Coated
<i><u>Fabric Coating, Transfer Coating - multiple (See Appendix D)</u></i>										
4-02-044-21	Mixing Tanks	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-30	Coating Application	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-31	Coating Application: First Roll Applicator	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-32	Coating Application: Second Roll Applicator	---	---	---	---	---	---	---	---	Tons Coated



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Fabric Coating, Transfer Coating - multiple (See Appendix D)</i>										
4-02-044-35	Lamination: Laminating Device	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-40	Drying/Curing	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-41	Drying/Curing: First Predrier	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-42	Drying/Curing: Second Predrier	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-43	Drying/Curing: Main Drying Tunnel	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-50	Cooler	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-55	Winding	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-60	Cleanup	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-61	Cleanup: Coating Application Equipment	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-62	Cleanup: Empty Coating Drums	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-70	Waste	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-71	Waste: Cleaning Rags	---	---	---	---	---	---	---	---	Tons Coated
4-02-044-72	Waste: Waste Ink Disposal	---	---	---	---	---	---	---	---	Tons Coated
<i>Fabric Coating, Extrusion Coating - multiple (See Appendix D)</i>										
4-02-045-21	Mixing Tanks	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-30	Coating Application	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-31	Coating Application: Extruder	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-32	Coating Application: Coating Die	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-50	Cooling Cylinder	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-55	Winding	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-60	Cleanup	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-61	Cleanup: Coating Application Equipment	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-62	Cleanup: Empty Coating Drums	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-70	Waste	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-71	Waste: Cleaning Rags	---	---	---	---	---	---	---	---	Tons Coated
4-02-045-72	Waste: Waste Ink Disposal	---	---	---	---	---	---	---	---	Tons Coated
<i>Fabric Coating, Melt Roll Coating - multiple (See Appendix D)</i>										
4-02-046-21	Mixing Tanks	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-30	Coating Application	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-31	Coating Application: Calendar Rolls	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-32	Coating Application: Pick Up Roll	---	---	---	---	---	---	---	---	Tons Coated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Fabric Coating, Melt Roll Coating - multiple (See Appendix D)</i>										
4-02-046-50	Cooling Rolls	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-55	Winding	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-60	Cleanup	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-61	Cleanup: Coating Application Equipment	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-62	Cleanup: Empty Coating Drums	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-70	Waste	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-71	Waste: Cleaning Rags	---	---	---	---	---	---	---	---	Tons Coated
4-02-046-72	Waste: Waste Ink Disposal	---	---	---	---	---	---	---	---	Tons Coated
<i>Fabric Coating, Coagulation Coating - multiple (See Appendix D)</i>										
4-02-047-21	Mixing Tanks	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-30	Coating Application	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-35	Coagulation Baths and Solvent Separation	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-40	Solvent Recovery	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-50	Drying	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-55	Winding	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-60	Cleanup	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-61	Cleanup: Coating Application Equipment	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-62	Cleanup: Empty Coating Drums	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-70	Waste	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-71	Waste: Cleaning Rags	---	---	---	---	---	---	---	---	Tons Coated
4-02-047-72	Waste: Waste Ink Disposal	---	---	---	---	---	---	---	---	Tons Coated
<i>Fabric Dyeing - multiple (See Appendix D)</i>										
4-02-060-10	Dye Preparation	---	---	---	---	---	---	---	---	Tons Dyed
4-02-060-30	Dye Application	---	---	---	---	---	---	---	---	Tons Dyed
4-02-060-31	Dye Application: Beam	---	---	---	---	---	---	---	---	Tons Dyed
4-02-060-32	Dye Application: Beck	---	---	---	---	---	---	---	---	Tons Dyed
4-02-060-33	Dye Application: Jig	---	---	---	---	---	---	---	---	Tons Dyed
4-02-060-34	Dye Application: Jet	---	---	---	---	---	---	---	---	Tons Dyed
4-02-060-35	Dye Application: Continuous	---	---	---	---	---	---	---	---	Tons Dyed
4-02-060-50	Waste	---	---	---	---	---	---	---	---	Tons Dyed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Equipment Leaks - 2800</u>										
4-02-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 2800</u>										
4-02-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-02-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 2800</u>										
4-02-825-01	Printing Blanket, Rotary Screen	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-02-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fugitive Emissions - multiple (See Appendix D)</u>										
4-02-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-02-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-02-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-02-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-02-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Produced
4-02-888-21	Basecoat	---	---	---	---	---	---	---	---	Tons Produced
4-02-888-22	Coating	---	---	---	---	---	---	---	---	Tons Produced
4-02-888-23	Cleartop Coat	---	---	---	---	---	---	---	---	Tons Produced
4-02-888-24	Clean-up	---	---	---	---	---	---	---	---	Tons Produced
<u>Fuel Fired Equipment - multiple (See Appendix D)</u>										
4-02-900-11	Distillate Oil: Incinerator/Afterburner	---	---	---	---	---	---	---	---	1000 Gallons Burned
4-02-900-12	Residual Oil: Incinerator/Afterburner	---	---	---	---	---	---	---	---	1000 Gallons Burned
4-02-900-13	Natural Gas: Incinerator/Afterburner	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
4-02-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
<u>Miscellaneous - multiple (See Appendix D)</u>										
4-02-999-95	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Used
4-02-999-96	Specify in Comments Field	---	---	---	---	---	---	---	---	Tons Used
4-02-999-97	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Each Produced
4-02-999-98	Specify in Comments Field	---	---	---	---	---	---	---	---	Gallons Processed
4-02-999-99	See Comment	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><b>PETROLEUM AND SOLVENT EVAPORATION -Petroleum Product Storage at Refineries</b></i>										
<i><b>Deleted - Do Not Use (See 4-03-010 and 4-07) - multiple (See Appendix D)</b></i>										
4-03-001-01	Gasoline	---	---	---	---	---	30.5	---	---	1000 Gallon-Years Storage Capacity
4-03-001-02	Crude	---	---	---	---	---	23.4	---	---	1000 Gallon-Years Storage Capacity
4-03-001-03	Gasoline	---	---	---	---	---	16.5	---	---	1000 Gallons Throughput
4-03-001-04	Crude	---	---	---	---	---	2.47	---	---	1000 Gallons Throughput
4-03-001-05	Jet Fuel	---	---	---	---	---	8.8	---	---	1000 Gallon-Years Storage Capacity
4-03-001-06	Kerosene	---	---	---	---	---	0.45	---	---	1000 Gallon-Years Storage Capacity
4-03-001-07	Dist Fuel	---	---	---	---	---	0.39	---	---	1000 Gallon-Years Storage Capacity
4-03-001-08	Benzene	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-09	Cyclohexane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-10	Cyclopentane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-11	Heptane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-12	Hexane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-13	Isooctane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-14	Isopentane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-15	Pentane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-16	Toluene	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-50	Jet Fuel	---	---	---	---	---	2.5	---	---	1000 Gallons Throughput
4-03-001-51	Kerosene	---	---	---	---	---	0.03	---	---	1000 Gallons Throughput
4-03-001-52	Dist Fuel	---	---	---	---	---	0.02	---	---	1000 Gallons Throughput
4-03-001-53	Benzene	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-001-54	Cyclohexane	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-001-55	Cyclopentane	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Deleted - Do Not Use (See 4-03-010 and 4-07) - multiple (See Appendix D)</i>										
4-03-001-56	Heptane	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-001-57	Hexane	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-001-58	Isooctane	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-001-59	Isopentane	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-001-60	Pentane	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-001-61	Toluene	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-001-98	See Comment	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-001-99	See Comment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i>Deleted - Do Not Use (See 4-03-011 and 4-07) - multiple (See Appendix D)</i>										
4-03-002-01	Gasoline	---	---	---	---	---	13.4	---	---	1000 Gallon-Years Storage Capacity
4-03-002-02	Product	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-002-03	Crude	---	---	---	---	---	1.76	---	---	1000 Gallon-Years Storage Capacity
4-03-002-04	Crude	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-002-05	Jet Fuel	---	---	---	---	---	3.5	---	---	1000 Gallon-Years Storage Capacity
4-03-002-07	Dist Fuel	---	---	---	---	---	0.02	---	---	1000 Gallon-Years Storage Capacity
4-03-002-08	Benzene	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-002-09	Cyclohexane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-002-10	Cyclopentane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-002-11	Heptane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-002-12	Hexane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-002-13	Isooctane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-002-14	Isopentane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-002-15	Pentane	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Deleted - Do Not Use (See 4-03-011 and 4-07) - multiple (See Appendix D)</i>										
4-03-002-16	Toluene	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-002-99	Specify Liquid	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
<i>Deleted - Do Not Use (See 4-03-011 and 4-07) - 2911, 5171, 9711</i>										
4-03-003-02	Gasoline	---	---	---	---	---	7.7	---	---	1000 Gallons Throughput
<i>Fixed Roof Tanks (Varying Sizes) - 2911, 2992, 1311, 1321</i>										
4-03-010-01	Gasoline RVP 13: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	30.5	---	---	1000 Gallon-Years Storage Capacity
4-03-010-02	Gasoline RVP 10: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	23.4	---	---	1000 Gallon-Years Storage Capacity
4-03-010-03	Gasoline RVP 7: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	16.5	---	---	1000 Gallon-Years Storage Capacity
4-03-010-04	Gasoline RVP 13: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	22	---	---	1000 Gallon-Years Storage Capacity
4-03-010-05	Gasoline RVP 10: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	16.9	---	---	1000 Gallon-Years Storage Capacity
4-03-010-06	Gasoline RVP 7: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	11.9	---	---	1000 Gallon-Years Storage Capacity
4-03-010-07	Gasoline RVP 13: Working Loss (Tank Diameter Independent)	---	---	---	---	---	10	---	---	1000 Gallons Throughput
4-03-010-08	Gasoline RVP 10: Working Loss (Tank Diameter Independent)	---	---	---	---	---	8.2	---	---	1000 Gallons Throughput
4-03-010-09	Gasoline RVP 7: Working Loss (Tank Diameter Independent)	---	---	---	---	---	5.7	---	---	1000 Gallons Throughput
4-03-010-10	Crude Oil RVP 5: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	6.5	---	---	1000 Gallon-Years Storage Capacity
4-03-010-11	Crude Oil RVP 5: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	4.69	---	---	1000 Gallon-Years Storage Capacity
4-03-010-12	Crude Oil RVP 5: Working Loss (Tank Diameter Independent)	---	---	---	---	---	2.8	---	---	1000 Gallons Throughput
4-03-010-13	Jet Naphtha (JP-4): Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	8.8	---	---	1000 Gallon-Years Storage Capacity
4-03-010-14	Jet Naphtha (JP-4): Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	6.3	---	---	1000 Gallon-Years Storage Capacity
4-03-010-15	Jet Naphtha (JP-4): Working Loss (Tank Diameter Independent)	---	---	---	---	---	2.5	---	---	1000 Gallons Throughput
4-03-010-16	Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	0.44	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Fixed Roof Tanks (Varying Sizes) - 2911, 2992, 1311, 1321</i>										
4-03-010-17	Jet Kerosene: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	0.3	---	---	1000 Gallon-Years Storage Capacity
4-03-010-18	Jet Kerosene: Working Loss (Tank Diameter Independent)	---	---	---	---	---	0.03	---	---	1000 Gallons Throughput
4-03-010-19	Distillate Fuel #2: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	0.4	---	---	1000 Gallon-Years Storage Capacity
4-03-010-20	Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	0.29	---	---	1000 Gallon-Years Storage Capacity
4-03-010-21	Distillate Fuel #2: Working Loss (Tank Diameter Independent)	---	---	---	---	---	0.02	---	---	1000 Gallons Throughput
4-03-010-22	Asphalt Oil: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-23	Asphalt Oil: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-010-24	Asphalt Oil: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-25	Grade 6 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-26	Grade 5 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-27	Grade 4 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-28	Grade 2 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-29	Grade 1 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-65	Grade 6 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-66	Grade 5 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-67	Grade 4 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-68	Grade 2 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-69	Grade 1 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-75	Grade 6 Fuel Oil: Working Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-010-76	Grade 5 Fuel Oil: Working Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Fixed Roof Tanks (Varying Sizes) - 2911, 2992, 1311, 1321</i>										
4-03-010-77	Grade 4 Fuel Oil: Working Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-010-78	Grade 2 Fuel Oil: Working Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-010-79	Grade 1 Fuel Oil: Working Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-010-97	Specify Liquid: Breathing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-98	Specify Liquid: Breathing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-010-99	Specify Liquid: Working Loss (Tank Diameter Independent)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i>Floating Roof Tanks (Varying Sizes) - 2911, 2992, 1311, 1321</i>										
4-03-011-01	Gasoline RVP 13: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-02	Gasoline RVP 10: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-03	Gasoline RVP 7: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-04	Gasoline RVP 13: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-05	Gasoline RVP 10: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-06	Gasoline RVP 7: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-07	Gasoline RVP 13/10/7: Withdrawal Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-08	Gasoline RVP 13/10/7: Withdrawal Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-09	Crude Oil RVP 5: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-10	Crude Oil RVP 5: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-11	Jet Naphtha (JP-4): Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-12	Jet Naphtha (JP-4): Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-13	Jet Kerosene: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Floating Roof Tanks (Varying Sizes) - 2911, 2992, 1311, 1321</i>										
4-03-011-14	Jet Kerosene: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-15	Distillate Fuel #2: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-16	Distillate Fuel #2: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-17	Crude Oil RVP 5: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-18	Jet Naphtha (JP-4): Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-19	Jet Kerosene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-20	Distillate Fuel #2: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-25	Grade 6 Fuel Oil: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-26	Grade 5 Fuel Oil: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-27	Grade 4 Fuel Oil: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-28	Grde 2 Fuel Oil: Stand Loss (67000 Bbl Tank Size) (Use 4-03-011-15)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-29	Grade 1 Fuel Oil: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-30	Specify Liquid: Standing Loss - External - Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-31	Gasoline: Standing Loss - External - Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-32	Crude Oil: Standing Loss - External - Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-33	Jet Naphtha (JP-4): Standing Loss - External - Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-34	Jet Kerosene: Standing Loss - External - Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-35	Distillate Fuel #2: Standing Loss - External - Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-40	Specify Liquid: Standing Loss - External - Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-41	Gasoline: Standing Loss - External - Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-42	Crude Oil: Standing Loss - External - Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Floating Roof Tanks (Varying Sizes) - 2911, 2992, 1311, 1321</i>										
4-03-011-43	Jet Naphtha (JP-4): Standing Loss - External - Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-44	Jet Kerosene: Standing Loss - External - Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-45	Distillate Fuel #2: Standing Loss - External - Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-50	Specify Liquid: Standing Loss - Internal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-51	Gasoline: Standing Loss - Internal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-52	Crude Oil: Standing Loss - Internal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-53	Jet Naphtha (JP-4): Standing Loss - Internal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-54	Jet Kerosene: Standing Loss - Internal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-55	Distillate Fuel #2: Standing Loss - Internal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-65	Grade 6 Fuel Oil: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-66	Grade 5 Fuel Oil: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-67	Grade 4 Fuel Oil: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-68	Grd 2 Fuel Oil: Stand. Loss (250000 Bbl Tank Size) (Use 4-03-011-16)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-69	Grade 1 Fuel Oil: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-75	Grade 6 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-76	Grade 5 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-77	Grade 4 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-78	Grade 2 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-79	Grade 1 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-80	Gasoline RVP 13: Withdrawal Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Floating Roof Tanks (Varying Sizes) - 2911, 2992, 1311, 1321</u></i>										
4-03-011-81	Gasoline RVP 10: Withdrawal Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-82	Gasoline RVP 7: Withdrawal Loss (Independent Tank Diameter)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-97	Specify Liquid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-03-011-98	Specify Liquid: Standing Loss (67000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-011-99	Specify Liquid: Standing Loss (250000 Bbl. Tank Size)	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
<i><u>Variable Vapor Space - 2911, 2992, 1311, 1321</u></i>										
4-03-012-01	Gasoline RVP 13: Filling Loss	---	---	---	---	---	9.6	---	---	1000 Gallons Throughput
4-03-012-02	Gasoline RVP 10: Filling Loss	---	---	---	---	---	7.7	---	---	1000 Gallons Throughput
4-03-012-03	Gasoline RVP 7: Filling Loss	---	---	---	---	---	5.4	---	---	1000 Gallons Throughput
4-03-012-04	Jet Naphtha (JP-4): Filling Loss	---	---	---	---	---	2.3	---	---	1000 Gallons Throughput
4-03-012-05	Jet Kerosene: Filling Loss	---	---	---	---	---	0.025	---	---	1000 Gallons Throughput
4-03-012-06	Distillate Fuel #2: Filling Loss	---	---	---	---	---	0.022	---	---	1000 Gallons Throughput
4-03-012-07	Benzene: Filling Loss	---	---	---	---	---	2.1	---	---	1000 Gallons Throughput
4-03-012-99	Specify Liquid: Filling Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fugitive Emissions - 1300, 2900</u></i>										
4-03-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-03-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
<i><u>Other Not Classified - multiple (See Appendix D)</u></i>										
4-03-999-99	See Comment	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><i>PETROLEUM AND SOLVENT EVAPORATION -Petroleum Liquids Storage (non-Refinery)</i></b>										
<b><i>Bulk Terminals - 5171, 4226</i></b>										
4-04-001-01	Gasoline RVP 13: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	---	---	---	---	---	30.5	---	---	1000 Gallon-Years Storage Capacity
4-04-001-02	Gasoline RVP 10: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	---	---	---	---	---	23.4	---	---	1000 Gallon-Years Storage Capacity
4-04-001-03	Gasoline RVP 7: Breathing Loss (67000 Bbl. Capacity) - Fixed Roof Tank	---	---	---	---	---	16.5	---	---	1000 Gallon-Years Storage Capacity
4-04-001-04	Gasoline RVP 13: Breathing Loss (250000 Bbl Capacity)-Fixed Roof Tank	---	---	---	---	---	22	---	---	1000 Gallon-Years Storage Capacity
4-04-001-05	Gasoline RVP 10: Breathing Loss (250000 Bbl Capacity)-Fixed Roof Tank	---	---	---	---	---	16.9	---	---	1000 Gallon-Years Storage Capacity
4-04-001-06	Gasoline RVP 7: Breathing Loss (250000 Bbl Capacity) - Fixed Roof Tank	---	---	---	---	---	11.9	---	---	1000 Gallon-Years Storage Capacity
4-04-001-07	Gasoline RVP 13: Working Loss (Diam. Independent) - Fixed Roof Tank	---	---	---	---	---	10	---	---	1000 Gallons Throughput
4-04-001-08	Gasoline RVP 10: Working Loss (Diameter Independent) - Fixed Roof Tank	---	---	---	---	---	8.2	---	---	1000 Gallons Throughput
4-04-001-09	Gasoline RVP 7: Working Loss (Diameter Independent) - Fixed Roof Tank	---	---	---	---	---	5.7	---	---	1000 Gallons Throughput
4-04-001-10	Gasoline RVP 13: Standing Loss (67000 Bbl Capacity)-Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-11	Gasoline RVP 10: Standing Loss (67000 Bbl Capacity)-Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-12	Gasoline RVP 7: Standing Loss (67000 Bbl Capacity)-Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-13	Gasoline RVP 13: Standing Loss (250000 Bbl Cap.) - Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-14	Gasoline RVP 10: Standing Loss (250000 Bbl Cap.) - Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-15	Gasoline RVP 7: Standing Loss (250000 Bbl Cap.) - Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-16	Gasoline RVP 13/10/7: Withdrawal Loss (67000 Bbl Cap.) - Float Rf Tnk	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-001-17	Gasoline RVP 13/10/7: Withdrawal Loss (250000 Bbl Cap.) - Float Rf Tnk	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-001-18	Gasoline RVP 13: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	---	---	---	---	---	9.6	---	---	1000 Gallons Throughput
4-04-001-19	Gasoline RVP 10: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	---	---	---	---	---	7.7	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Bulk Terminals - 5171, 4226</i>										
4-04-001-20	Gasoline RVP 7: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	---	---	---	---	---	5.4	---	---	1000 Gallons Throughput
4-04-001-21	Diesel Fuel: Standing Loss (Diameter Independent) - Fixed Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Stored
4-04-001-22	Diesel Fuel: Working Loss (Diameter Independent) - Fixed Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Stored
4-04-001-30	Specify Liquid: Standing Loss - External Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-31	Gasoline RVP 13: Standing Loss - Ext. Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-32	Gasoline RVP 10: Standing Loss - Ext. Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-33	Gasoline RVP 7: Standing Loss - External Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-40	Specify Liquid: Standing Loss - Ext. Float Roof Tank w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-41	Gasoline RVP 13: Standing Loss - Ext. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-42	Gasoline RVP 10: Standing Loss - Ext. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-43	Gasoline RVP 7: Standing Loss - Ext. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-48	Gasoline RVP 13/10/7: Withdrawal Loss - Ext. Float Roof (Pri/Sec Seal)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-001-49	Specify Liquid: External Floating Roof (Primary/Secondary Seal)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-001-50	Miscellaneous Losses/Leaks: Loading Racks	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-001-51	Valves, Flanges, and Pumps	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-001-52	Vapor Collection Losses	---	---	---	---	---	5.2	---	---	1000 Gallons Transferred
4-04-001-53	Vapor Control Unit Losses	---	---	---	---	---	5	---	---	1000 Gallons Transferred
4-04-001-54	Tank Truck Vapor Leaks	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-001-60	Specify Liquid: Standing Loss - Internal Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-61	Gasoline RVP 13: Standing Loss - Int. Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-62	Gasoline RVP 10: Standing Loss - Int. Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-63	Gasoline RVP 7: Standing Loss - Internal Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><b>Bulk Terminals - 5171, 4226</b></i>										
4-04-001-70	Specify Liquid: Standing Loss - Int. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-71	Gasoline RVP 13: Standing Loss - Int. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-72	Gasoline RVP 10: Standing Loss - Int. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-73	Gasoline RVP 7: Standing Loss - Int. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-001-78	Gasoline RVP 13/10/7: Withdrawal Loss - Int. Float Roof (Pri/Sec Seal)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-001-79	Specify Liquid: Internal Floating Roof (Primary/Secondary Seal)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-001-99	See Comment	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><b>Bulk Plants - 5171, 4226</b></i>										
4-04-002-01	Gasoline RVP 13: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	---	---	---	---	---	30.5	---	---	1000 Gallon-Years Storage Capacity
4-04-002-02	Gasoline RVP 10: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	---	---	---	---	---	23.4	---	---	1000 Gallon-Years Storage Capacity
4-04-002-03	Gasoline RVP 7: Breathing Loss (67000 Bbl. Capacity) - Fixed Roof Tank	---	---	---	---	---	16.5	---	---	1000 Gallon-Years Storage Capacity
4-04-002-04	Gasoline RVP 13: Working Loss (67000 Bbl. Capacity) - Fixed Roof Tank	---	---	---	---	---	10	---	---	1000 Gallons Throughput
4-04-002-05	Gasoline RVP 10: Working Loss (67000 Bbl. Capacity) - Fixed Roof Tank	---	---	---	---	---	8.2	---	---	1000 Gallons Throughput
4-04-002-06	Gasoline RVP 7: Working Loss (67000 Bbl. Capacity) - Fixed Roof Tank	---	---	---	---	---	5.7	---	---	1000 Gallons Throughput
4-04-002-07	Gasoline RVP 13: Standing Loss (67000 Bbl Cap.) - Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-08	Gasoline RVP 10: Standing Loss (67000 Bbl Cap.) - Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-09	Gasoline RVP 7: Standing Loss (67000 Bbl Cap.) - Floating Roof Tank	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-10	Gasoline RVP 13/10/7: Withdrawal Loss (67000 Bbl Cap.) - Float Rf Tnk	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-002-11	Gasoline RVP 13: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	---	---	---	---	---	9.6	---	---	1000 Gallons Throughput
4-04-002-12	Gasoline RVP 10: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	---	---	---	---	---	7.7	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Bulk Plants - 5171, 4226</i>										
4-04-002-13	Gasoline RVP 7: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	---	---	---	---	---	5.4	---	---	1000 Gallons Throughput
4-04-002-30	Specify Liquid: Standing Loss - External Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-31	Gasoline RVP 13: Standing Loss - Ext. Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-32	Gasoline RVP 10: Standing Loss - Ext. Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-33	Gasoline RVP 7: Standing Loss - External Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-40	Specify Liquid: Standing Loss - Ext. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-41	Gasoline RVP 13: Standing Loss - Ext. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-42	Gasoline RVP 10: Standing Loss - Ext. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-43	Gasoline RVP 7: Standing Loss - Ext. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-48	Gasoline RVP 10/13/7: Withdrawal Loss - Ext. Float Roof (Pri/Sec Seal)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-002-49	Specify Liquid: External Floating Roof (Primary/Secondary Seal)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-002-50	Loading Racks	---	---	---	---	---	4.8	---	---	1000 Gallons Transferred
4-04-002-51	Valves, Flanges, and Pumps	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-002-52	Miscellaneous Losses/Leaks: Vapor Collection Losses	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-002-53	Miscellaneous Losses/Leaks: Vapor Control Unit Losses	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-002-54	Tank Truck Vapor Losses	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-002-55	Loading Racks - Jet Fuel	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-002-60	Specify Liquid: Standing Loss - Internal Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-61	Gasoline RVP 13: Standing Loss - Int. Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-62	Gasoline RVP 10: Standing Loss - Int. Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-63	Gasoline RVP 7: Standing Loss - Internal Floating Roof w/ Primary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-70	Specify Liquid: Standing Loss - Int. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Bulk Plants - 5171, 4226</i>										
4-04-002-71	Gasoline RVP 13: Standing Loss - Int. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-72	Gasoline RVP 10: Standing Loss - Int. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-73	Gasoline RVP 7: Standing Loss - Int. Floating Roof w/ Secondary Seal	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-002-78	Gasoline RVP 10/13/7: Withdrawal Loss - Int. Float Roof (Pri/Sec Seal)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-04-002-79	Specify Liquid: Internal Floating Roof (Primary/Secondary Seal)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
<i>Oil and Gas Field Storage and Working Tanks - 1311</i>										
4-04-003-01	Fixed Roof Tank: Breathing Loss	---	---	---	---	---	36	---	---	1000 Gallon-Years Storage Capacity
4-04-003-02	Fixed Roof Tank: Working Loss	---	---	---	---	---	1.1	---	---	1000 Gallons Throughput
4-04-003-03	External Floating Roof Tank with Primary Seals: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-003-04	External Floating Roof Tank with Secondary Seals: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-003-05	Internal Floating Roof Tank: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-003-06	External Floating Roof Tank: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-07	Internal Floating Roof Tank: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-11	Fixed Roof Tank, Condensate, working+breathing+flashing losses	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-12	Fixed Roof Tank, Crude Oil, working+breathing+flashing losses	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-13	Fixed Roof Tank, Lube Oil, working+breathing+flashing losses	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-14	Fixed Roof Tank, Specialty Chem-working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-15	Fixed Roof Tank, Produced Water, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-16	Fixed Roof Tank, Diesel, working+breathing+flashing losses	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-21	External Floating Roof Tank, Condensate, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-22	External Floating Roof Tank, Crude Oil, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Oil and Gas Field Storage and Working Tanks - 1311</i>										
4-04-003-23	External Floating Roof Tank, Lube Oil, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-24	External Floating Roof Tank, Specialty Chem-working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-25	External Floating Roof Tank, Produced Water-working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-26	External Floating Roof Tank, Diesel, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-31	Internal Floating Roof Tank, Condensate, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-32	Internal Floating Roof Tank, Crude Oil, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-33	Internal Floating Roof Tank, Lube Oil, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-34	Internal Floating Roof Tank, Specialty Chem-working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-35	Internal Floating Roof Tank, Produced Water-working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-36	Internal Floating Roof Tank, Diesel, working+breathing+flashing	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-04-003-40	Pressure Tanks (pressure relief from pop-off valves)	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i>Petroleum Products - Underground Tanks - 5171, 4226</i>										
4-04-004-01	Gasoline RVP 13: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-004-02	Gasoline RVP 13: Working Loss	---	---	---	---	---	14.9	---	---	1000 Gallons Throughput
4-04-004-03	Gasoline RVP 10: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-004-04	Gasoline RVP 10: Working Loss	---	---	---	---	---	11.9	---	---	1000 Gallons Throughput
4-04-004-05	Gasoline RVP 7: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-004-06	Gasoline RVP 7: Working Loss	---	---	---	---	---	8.3	---	---	1000 Gallons Throughput
4-04-004-07	Crude Oil RVP 5: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-004-08	Crude Oil RVP 5: Working Loss	---	---	---	---	---	4.9	---	---	1000 Gallons Throughput
4-04-004-09	Jet Naphtha (JP-4): Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-004-10	Jet Naphtha (JP-4): Working Loss	---	---	---	---	---	3.6	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Petroleum Products - Underground Tanks - 5171, 4226</u></i>										
4-04-004-11	Jet Kerosene: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-004-12	Jet Kerosene: Working Loss	---	---	---	---	---	0.04	---	---	1000 Gallons Throughput
4-04-004-13	Distillate Fuel #2: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-004-14	Distillate Fuel #2: Working Loss	---	---	---	---	---	0.03	---	---	1000 Gallons Throughput
4-04-004-97	Specify Liquid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-04-004-98	Specify Liquid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>PETROLEUM AND SOLVENT EVAPORATION -Printing/Publishing</u></i>										
<i><u>Drying - 2700</u></i>										
4-05-001-01	Dryer	---	---	---	---	57	2000	---	---	Tons Used
4-05-001-99	Dryer	---	---	---	---	---	---	---	---	Gallons Used
<i><u>General - 2751</u></i>										
4-05-002-01	Letter Press: 2751	---	---	---	---	---	238	---	---	Tons Used
4-05-002-02	Ink Thinning Solvent (Kerosene)	---	---	---	---	---	2000	---	---	Tons Added
4-05-002-03	Ink Thinning Solvents (Mineral Solvents)	---	---	---	---	---	2000	---	---	Tons Added
4-05-002-11	Letter Press: 2751	---	---	---	---	---	1200	---	---	Tons Used
4-05-002-12	Printing: Letter Press	---	---	---	---	---	1.5	---	---	Gallons Used
4-05-002-15	Letterpress: Cleaning Solution	---	---	---	---	---	---	---	---	Tons Consumed
<i><u>General - 2751</u></i>										
4-05-003-01	Printing: Flexographic	---	---	---	---	---	711	---	---	Tons Used
4-05-003-02	Ink Thinning Solvent (Carbitol)	---	---	---	---	---	2000	---	---	Tons Added
4-05-003-03	Ink Thinning Solvent (Cellosolve)	---	---	---	---	---	2000	---	---	Tons Added
4-05-003-04	Ink Thinning Solvent (Ethyl Alcohol)	---	---	---	---	---	2000	---	---	Tons Added
4-05-003-05	Ink Thinning Solvent (Isopropyl Alcohol)	---	---	---	---	---	2000	---	---	Tons Added
4-05-003-06	Ink Thinning Solvent (n-Propyl Alcohol)	---	---	---	---	---	2000	---	---	Tons Added
4-05-003-07	Ink Thinning Solvent (Naphtha)	---	---	---	---	---	2000	---	---	Tons Added
4-05-003-11	Printing: Flexographic	---	---	---	---	---	1910	---	---	Tons Used
4-05-003-12	Printing: Flexographic	---	---	---	---	---	4.4	---	---	Gallons Used
4-05-003-14	Printing: Flexographic: Propyl Alcohol Cleanup	---	---	---	---	---	2000	---	---	Tons Consumed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>General - 2751</i>										
4-05-003-15	Flexographic: Steam: Water-based	---	---	---	---	---	---	---	---	Tons Used
4-05-003-16	Flexographic: Steam: Water-based	---	---	---	---	---	---	---	---	Tons Used
4-05-003-17	Flexographic: Steam: Water-based	---	---	---	---	---	---	---	---	Tons Stored
4-05-003-18	Flexographic: Steam: Water-based in Ink	---	---	---	---	---	---	---	---	Tons Used
4-05-003-19	Flexographic: Steam: Water-based Ink Storage	---	---	---	---	---	---	---	---	Tons Stored
<i>General - 2752</i>										
4-05-004-01	Lithographic: 2752	---	---	---	---	---	198	---	---	Tons Used
4-05-004-11	Lithographic: 2752	---	---	---	---	---	1000	---	---	Tons Used
4-05-004-12	Lithographic: 2752	---	---	---	---	---	1.24	---	---	Gallons Used
4-05-004-13	Lithographic: Isopropyl Alcohol Cleanup	---	---	---	---	---	---	---	---	Tons Used
4-05-004-14	Flexographic: Propyl Alcohol Cleanup	---	---	---	---	---	---	---	---	Tons Consumed
4-05-004-15	Offset Lithography: Dampening Solution with Alcohol Substitute	---	---	---	---	---	---	---	---	Tons Used
4-05-004-16	Offset Lithography: Dampening Solution with High Solvent Content	---	---	---	---	---	---	---	---	Tons Used
4-05-004-17	Offset Lithography: Cleaning Solution: Water-based	---	---	---	---	---	---	---	---	Tons Used
4-05-004-18	Offset Lithography: Dampening Solution with Isopropyl Alcohol	---	---	---	---	---	---	---	---	Tons Used
4-05-004-21	Offset Lithography: Heatset Ink Mixing	---	---	---	---	---	---	---	---	Tons Used
4-05-004-22	Offset Lithography: Heatset Solvent Storage	---	---	---	---	---	---	---	---	Tons Stored
4-05-004-31	Offset Lithography: Nonheated Lithographic Inks	---	---	---	---	---	---	---	---	Tons Used
4-05-004-32	Offset Lithography: Nonheated Lithographic Inks	---	---	---	---	---	---	---	---	Tons Used
4-05-004-33	Offset Lithography: Nonheated Lithographic Inks	---	---	---	---	---	---	---	---	Gallons Used
<i>General - 2751, 2754</i>										
4-05-005-01	Gravure: 2754	---	---	---	---	---	711	---	---	Tons Used
4-05-005-02	Ink Thinning Solvent: Dimethylformamide	---	---	---	---	---	2000	---	---	Tons Added
4-05-005-03	Ink Thinning Solvent: Ethyl Acetate	---	---	---	---	---	2000	---	---	Tons Added
4-05-005-06	Ink Thinning Solvent: Methyl Ethyl Ketone	---	---	---	---	---	2000	---	---	Tons Added
4-05-005-07	Ink Thinning Solvent: Methyl Isobutyl Ketone	---	---	---	---	---	2000	---	---	Tons Added
4-05-005-10	Ink Thinning Solvent: Toluene	---	---	---	---	---	2000	---	---	Tons Added
4-05-005-11	Gravure: 2754	---	---	---	---	---	1910	---	---	Tons Used
4-05-005-12	Gravure: 2754	---	---	---	---	---	4.4	---	---	Gallons Used

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>General - 2751, 2754</i>										
4-05-005-13	Gravure: 2754	---	---	---	---	---	12.4	---	---	Gallons Used
4-05-005-14	Gravure: Cleanup Solvent	---	---	---	---	---	---	---	---	Tons Consumed
4-05-005-97	Other Not Classified	---	---	---	---	---	---	---	---	Pounds Consumed
4-05-005-98	Ink Thinning Solvent: Other Not Specified	---	---	---	---	---	---	---	---	1000 Gallons Used
4-05-005-99	Ink Thinning Solvent: Other Not Specified	---	---	---	---	---	2000	---	---	Tons Added
<i>General - 2751</i>										
4-05-006-01	Ink Mixing	---	---	---	---	---	---	---	---	Tons Used
<i>General - 2751</i>										
4-05-007-01	Solvent Storage	---	---	---	---	---	---	---	---	Tons Stored
<i>General - multiple (See Appendix D)</i>										
4-05-008-01	Screen Printing	---	---	---	---	---	---	---	---	Tons Used
4-05-008-02	Fugitive Emissions: Cleaning Rags	---	---	---	---	---	---	---	---	Tons Used
4-05-008-11	Screen Printing	---	---	---	---	---	---	---	---	Tons Used
4-05-008-12	Screen Printing	---	---	---	---	---	---	---	---	Gallons Used
<i>Fugitive Emissions - 2700</i>										
4-05-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
4-05-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
4-05-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
4-05-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
4-05-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
<b><i>PETROLEUM AND SOLVENT EVAPORATION -Transportation and Marketing of Petroleum Products</i></b>										
<i>Tank Cars and Trucks - 5169, 5171, 5172</i>										
4-06-001-01	Gasoline: Splash Loading	---	---	---	---	---	12.4	---	---	1000 Gallons Transferred
4-06-001-26	Gasoline: Submerged Loading	---	---	---	---	---	4.1	---	---	1000 Gallons Transferred
4-06-001-29	Asphalt: Splash Loading	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-30	Distillate Oil: Submerged Loading	---	---	---	---	---	0.48	---	---	1000 Gallons Transferred
4-06-001-31	Gasoline: Submerged Loading (Normal Service)	---	---	---	---	---	5	---	---	1000 Gallons Transferred
4-06-001-32	Crude Oil: Submerged Loading (Normal Service)	---	---	---	---	---	2	---	---	1000 Gallons Transferred
4-06-001-33	Jet Naphtha: Submerged Loading (Normal Service)	---	---	---	---	---	1.5	---	---	1000 Gallons Transferred
4-06-001-34	Kerosene: Submerged Loading (Normal Services)	---	---	---	---	---	0.16	---	---	1000 Gallons Transferred

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Tank Cars and Trucks - 5169, 5171, 5172</i>										
4-06-001-35	Distillate Oil: Submerged Loading (Normal Service)	---	---	---	---	---	0.014	---	---	1000 Gallons Transferred
4-06-001-36	Gasoline: Splash Loading (Normal Service)	---	---	---	---	---	12	---	---	1000 Gallons Transferred
4-06-001-37	Crude Oil: Splash Loading (Normal Service)	---	---	---	---	---	5.5	---	---	1000 Gallons Transferred
4-06-001-38	Jet Naphtha: Splash Loading (Normal Service)	---	---	---	---	---	4	---	---	1000 Gallons Transferred
4-06-001-39	Kerosene: Splash Loading (Normal Service)	---	---	---	---	---	0.04	---	---	1000 Gallons Transferred
4-06-001-40	Distillate Oil: Splash Loading (Normal Service)	---	---	---	---	---	0.03	---	---	1000 Gallons Transferred
4-06-001-41	Gasoline: Submerged Loading (Balanced Service)	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-42	Crude Oil: Submerged Loading (Balanced Service)	---	---	---	---	---	3	---	---	1000 Gallons Transferred
4-06-001-43	Jet Naphtha: Submerged Loading (Balanced Service)	---	---	---	---	---	2.5	---	---	1000 Gallons Transferred
4-06-001-44	Gasoline: Splash Loading (Balanced Service)	---	---	---	---	---	8	---	---	1000 Gallons Transferred
4-06-001-45	Crude Oil: Splash Loading (Balanced Service)	---	---	---	---	---	3	---	---	1000 Gallons Transferred
4-06-001-46	Jet Naphtha: Splash Loading (Balanced Service)	---	---	---	---	---	2.5	---	---	1000 Gallons Transferred
4-06-001-47	Gasoline: Submerged Loading (Clean Tanks)	---	---	---	---	---	4	---	---	1000 Gallons Transferred
4-06-001-48	Crude Oil: Submerged Loading (Clean Tanks)	---	---	---	---	---	1.7	---	---	1000 Gallons Transferred
4-06-001-49	Jet Naphtha: Submerged Loading (Clean Tanks)	---	---	---	---	---	1.5	---	---	1000 Gallons Transferred
4-06-001-60	Kerosene: Submerged Loading (Clean Tanks)	---	---	---	---	---	0.017	---	---	1000 Gallons Transferred
4-06-001-61	Distillate Oil: Submerged Loading (Clean Tanks)	---	---	---	---	---	0.013	---	---	1000 Gallons Transferred
4-06-001-62	Gasoline: Loaded with Fuel (Transit Losses)	---	---	---	---	---	0.01	---	---	1000 Gallons Transferred
4-06-001-63	Gasoline: Return with Vapor (Transit Losses)	---	---	---	---	---	0.11	---	---	1000 Gallons Transferred
4-06-001-64	Crude Oil: Loaded with Product	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-65	Crude Oil: Loaded with Vapor	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-66	Jet Fuel: Loaded with Product	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-67	Jet Fuel: Loaded with Vapor	---	---	---	---	---	---	---	---	Tons Transferred
4-06-001-68	Kerosene: Loaded with Product	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-69	Kerosene: Loaded with Vapor	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-70	Distillate Oil: Loaded with Product	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-71	Distillate Oil: Loaded with Vapor	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-72	Transit Losses - LPG: Loaded with Fuel	---	---	---	---	---	---	---	---	1000 Gallons Transported
4-06-001-73	Transit Losses - LPG: Return with Vapor	---	---	---	---	---	---	---	---	1000 Gallons Transported
4-06-001-97	Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-001-98	Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Transferred

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Tank Cars and Trucks - 5169, 5171, 5172</i>										
4-06-001-99	Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Transferred
<i>Marine Vessels - 4491</i>										
4-06-002-31	Gasoline: Ship Loading - Cleaned and Vapor Free Tanks	---	---	---	---	---	0.7	---	---	1000 Gallons Transferred
4-06-002-32	Gasoline: Ocean Barges Loading	---	---	---	---	---	0.7	---	---	1000 Gallons Transferred
4-06-002-33	Gasoline: Barge Loading - Cleaned and Vapor Free Tanks	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-002-34	Gasoline: Ship Loading - Ballasted Tank	---	---	---	---	---	1.7	---	---	1000 Gallons Transferred
4-06-002-35	Gasoline: Ocean Barges Loading - Ballasted Tank	---	---	---	---	---	1.7	---	---	1000 Gallons Transferred
4-06-002-36	Gasoline: Ship Loading - Uncleaned Tanks	---	---	---	---	---	2.6	---	---	1000 Gallons Transferred
4-06-002-37	Gasoline: Ocean Barges Loading - Uncleaned Tanks	---	---	---	---	---	2.6	---	---	1000 Gallons Transferred
4-06-002-38	Gasoline: Barges Loading - Uncleaned Tanks	---	---	---	---	---	3.9	---	---	1000 Gallons Transferred
4-06-002-39	Gasoline: Tanker Ship - Ballasted Tank Condition	---	---	---	---	---	0.8	---	---	1000 Gallons Transferred
4-06-002-40	Gasoline: Barge Loading - Average Tank Condition	---	---	---	---	---	3.4	---	---	1000 Gallons Transferred
4-06-002-41	Gasoline: Tanker Ship - Ballasting	---	---	---	---	---	1.7	---	---	1000 Gallon-Years Existing
4-06-002-42	Gasoline: Transit Loss	---	---	---	---	---	140.4	---	---	1000 Gallons Transported
4-06-002-43	Crude Oil: Loading Tankers	---	---	---	---	---	0.61	---	---	1000 Gallons Transferred
4-06-002-44	Jet Fuel: Loading Tankers	---	---	---	---	---	0.5	---	---	1000 Gallons Transferred
4-06-002-45	Kerosene: Loading Tankers	---	---	---	---	---	0.005	---	---	1000 Gallons Transferred
4-06-002-46	Distillate Oil: Loading Tankers	---	---	---	---	---	0.005	---	---	1000 Gallons Transferred
4-06-002-48	Crude Oil: Loading Barges	---	---	---	---	---	1	---	---	1000 Gallons Transferred
4-06-002-49	Jet Fuel: Loading Barges	---	---	---	---	---	1.2	---	---	1000 Gallons Transferred
4-06-002-50	Kerosene: Loading Barges	---	---	---	---	---	0.013	---	---	1000 Gallons Transferred
4-06-002-51	Distillate Oil: Loading Barges	---	---	---	---	---	0.012	---	---	1000 Gallons Transferred
4-06-002-53	Crude Oil: Tanker Ballasting	---	---	---	---	---	1.1	---	---	1000 Gallon-Years Existing
4-06-002-54	Crude Oil: Transit Loss	---	---	---	---	---	69.6	---	---	1000 Gallons Transported
4-06-002-55	Jet Fuel: Transit Loss	---	---	---	---	---	57	---	---	1000 Gallons Transported
4-06-002-56	Kerosene: Transit Loss	---	---	---	---	---	0.26	---	---	1000 Gallons Transported
4-06-002-57	Distillate Oil: Transit Loss	---	---	---	---	---	0.26	---	---	1000 Gallons Transported
4-06-002-59	Tanker/Barge Cleaning	---	---	---	---	---	---	---	---	1000 Gallon-Years Existing
4-06-002-60	Gasoline: Barge Loading - Ballasted	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-002-61	Gasoline: Tanker Ship - Uncleaned Tanks	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-002-98	Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Transferred

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Marine Vessels - 4491</u>										
4-06-002-99	Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Transferred
<u>Gasoline Retail Operations - Stage I - 5541</u>										
4-06-003-01	Splash Filling	---	---	---	---	---	11.5	---	---	1000 Gallons Transferred
4-06-003-02	Submerged Filling w/o Controls	---	---	---	---	---	7.3	---	---	1000 Gallons Transferred
4-06-003-05	Unloading	---	---	---	---	---	1	---	---	1000 Gallons Transferred
4-06-003-06	Balanced Submerged Filling	---	---	---	---	---	0.3	---	---	1000 Gallons Throughput
4-06-003-07	Underground Tank Breathing and Emptying	---	---	---	---	---	1	---	---	1000 Gallons Throughput
4-06-003-99	Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Transferred
<u>Filling Vehicle Gas Tanks - Stage II - 5541</u>										
4-06-004-01	Vapor Loss w/o Controls	---	---	---	---	---	11	---	---	1000 Gallons Pumped
4-06-004-02	Liquid Spill Loss w/o Controls	---	---	---	---	---	0.7	---	---	1000 Gallons Pumped
4-06-004-03	Vapor Loss w/o Controls	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-004-99	Not Classified	---	---	---	---	---	---	---	---	1000 Gallons Pumped
<u>Pipeline Petroleum Transport - General - All Products - 5171, 4612</u>										
4-06-005-01	Pipeline Leaks	---	---	---	---	---	---	---	---	1000 Mile-Years Existing
4-06-005-02	Pipeline Venting	---	---	---	---	---	---	---	---	1000 Barrel-Miles Throughput
4-06-005-03	Pump Station	---	---	---	---	---	---	---	---	1000 Barrel-Miles Throughput
4-06-005-04	Pump Station Leaks	---	---	---	---	---	---	---	---	1000 Barrel-Miles Throughput
<u>Consumer (Corporate) Fleet Refueling - Stage II - 5500, 5540, 5980, 5989</u>										
4-06-006-01	Vapor Loss w/o Controls	---	---	---	---	---	---	---	---	1000 Gallons Pumped
4-06-006-02	Liquid Spill Loss w/o Controls	---	---	---	---	---	---	---	---	1000 Gallons Pumped
4-06-006-03	Vapor Loss w/controls	---	---	---	---	---	---	---	---	1000 Gallons Pumped
4-06-006-30	Asphalt: Splash Loading	---	---	---	---	---	---	---	---	1000 Gallons Pumped
4-06-006-51	Diesel: Vapor Loss w/o Controls	---	---	---	---	---	---	---	---	1000 Gallons Pumped
<u>Consumer (Corporate) Fleet Refueling - Stage I - 4931</u>										
4-06-007-01	Splash Filling	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-007-02	Submerged Filling w/o Controls	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-06-007-06	Balanced Submerged Filling	---	---	---	---	---	---	---	---	1000 Gallons Transferred

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Consumer (Corporate) Fleet Refueling - Stage I - 4931</i>										
4-06-007-07	Underground Tank Breathing and Emptying	---	---	---	---	---	---	---	---	1000 Gallons Transferred
<i>Fugitive Emissions - 4400, 4500, 5100</i>										
4-06-888-01	Specify in Comments Field	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-06-888-02	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
4-06-888-03	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
4-06-888-04	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
4-06-888-05	Specify in Comments Field	---	---	---	---	---	---	---	---	Each-Year Operating
<i>PETROLEUM AND SOLVENT EVAPORATION -Organic Chemical Storage</i>										
<i>Fixed Roof Tanks - Acid Anhydrides - 2800, 2900, 3000, 5100</i>										
4-07-004-01	Acetic Anhydrides: Breathing Loss	---	---	---	---	---	1.2	---	---	1000 Gallon-Years Storage Capacity
4-07-004-02	Acetic Anhydrides: Working Loss	---	---	---	---	---	0.13	---	---	1000 Gallons Throughput
4-07-004-03	Maleic Anhydride: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-004-04	Maleic Anhydride: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-004-05	Phthalic Anhydride: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-004-06	Phthalic Anhydride: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-004-97	Specify Anhydride: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-004-98	Specify Anhydride: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i>Fixed Roof Tanks - Alcohols - 2800, 2900, 3000, 5100</i>										
4-07-008-01	N-Butyl Alcohol: Breathing Loss	---	---	---	---	---	0.9	---	---	1000 Gallon-Years Storage Capacity
4-07-008-02	N-Butyl Alcohol: Working Loss	---	---	---	---	---	0.1	---	---	1000 Gallons Throughput
4-07-008-03	Sec-Butyl Alcohol: Breathing Loss	---	---	---	---	---	2	---	---	1000 Gallon-Years Storage Capacity
4-07-008-04	Sec-Butyl Alcohol: Working Loss	---	---	---	---	---	0.32	---	---	1000 Gallons Throughput
4-07-008-05	Tert-Butyl Alcohol: Breathing Loss	---	---	---	---	---	3.6	---	---	1000 Gallon-Years Storage Capacity
4-07-008-06	Tert-Butyl Alcohol: Working Loss	---	---	---	---	---	0.76	---	---	1000 Gallons Throughput
4-07-008-07	Cyclohexanol: Breathing Loss	---	---	---	---	---	0.58	---	---	1000 Gallon-Years Storage Capacity



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Fixed Roof Tanks - Alcohols - 2800, 2900, 3000, 5100</i>										
4-07-008-08	Cyclohexanol: Working Loss	---	---	---	---	---	0.046	---	---	1000 Gallons Throughput
4-07-008-09	Ethyl Alcohol: Breathing Loss	---	---	---	---	---	2.9	---	---	1000 Gallon-Years Storage Capacity
4-07-008-10	Ethyl Alcohol: Working Loss	---	---	---	---	---	0.66	---	---	1000 Gallons Throughput
4-07-008-11	Isobutyl Alcohol: Breathing Loss	---	---	---	---	---	1.3	---	---	1000 Gallon-Years Storage Capacity
4-07-008-12	Isobutyl Alcohol: Working Loss	---	---	---	---	---	0.17	---	---	1000 Gallons Throughput
4-07-008-13	Isopropyl Alcohol: Breathing Loss	---	---	---	---	---	3.8	---	---	1000 Gallon-Years Storage Capacity
4-07-008-14	Isopropyl Alcohol: Working Loss	---	---	---	---	---	0.86	---	---	1000 Gallons Throughput
4-07-008-15	Methyl Alcohol: Breathing Loss	---	---	---	---	---	3.7	---	---	1000 Gallon-Years Storage Capacity
4-07-008-16	Methyl Alcohol: Working Loss	---	---	---	---	---	1.07	---	---	1000 Gallons Throughput
4-07-008-17	N-Propyl Alcohol: Breathing Loss	---	---	---	---	---	1.8	---	---	1000 Gallon-Years Storage Capacity
4-07-008-18	N-Propyl Alcohol: Working Loss	---	---	---	---	---	0.3	---	---	1000 Gallons Throughput
4-07-008-19	Xylol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-008-20	Xylol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-008-97	Specify Alcohol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-008-98	Specify Alcohol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i>Fixed Roof Tanks - Alkanes (Paraffins) - 2800, 2900, 3000, 5100</i>										
4-07-016-01	N-Decane: Breathing Loss	---	---	---	---	---	0.61	---	---	1000 Gallon-Years Storage Capacity
4-07-016-02	N-Decane: Working Loss	---	---	---	---	---	0.04	---	---	1000 Gallons Throughput
4-07-016-03	N-Dodecane: Breathing Loss	---	---	---	---	---	0.13	---	---	1000 Gallon-Years Storage Capacity
4-07-016-04	N-Dodecane: Working Loss	---	---	---	---	---	0.004	---	---	1000 Gallons Throughput
4-07-016-05	N-Heptane: Breathing Loss	---	---	---	---	---	5.8	---	---	1000 Gallon-Years Storage Capacity
4-07-016-06	N-Heptane: Working Loss	---	---	---	---	---	1.3	---	---	1000 Gallons Throughput
4-07-016-07	Isopentane: Breathing Loss	---	---	---	---	---	57.2	---	---	1000 Gallon-Years Storage Capacity
4-07-016-08	Isopentane: Working Loss	---	---	---	---	---	16.3	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fixed Roof Tanks - Alkanes (Paraffins) - 2800, 2900, 3000, 5100</u></i>										
4-07-016-09	Pentadecane: Breathing Loss	---	---	---	---	---	0.05	---	---	1000 Gallon-Years Storage Capacity
4-07-016-10	Pentadecane: Working Loss	---	---	---	---	---	0.0008	---	---	1000 Gallons Throughput
4-07-016-11	Naphtha: Breathing Loss	---	---	---	---	---	0.17	---	---	1000 Gallon-Years Storage Capacity
4-07-016-12	Naphtha: Working Loss	---	---	---	---	---	0.006	---	---	1000 Gallons Throughput
4-07-016-13	Petroleum Distillate: Breathing Loss	---	---	---	---	---	0.17	---	---	1000 Gallon-Years Storage Capacity
4-07-016-14	Petroleum Distillate: Working Loss	---	---	---	---	---	0.006	---	---	1000 Gallons Throughput
4-07-016-15	Hexane: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-016-16	Hexane: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-016-97	Specify Alkane: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-016-98	Specify Alkane: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Alkenes (Olefins) - 2800, 2900, 3000, 5100</u></i>										
4-07-020-01	Dodecene: Breathing Loss	---	---	---	---	---	0.15	---	---	1000 Gallon-Years Storage Capacity
4-07-020-02	Dodecene: Working Loss	---	---	---	---	---	0.005	---	---	1000 Gallons Throughput
4-07-020-03	Heptenes - General: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-020-04	Heptenes - General: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-020-97	Specify Olefin: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-020-98	Specify Olefin: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Amides - 2911, 3764, 9711</u></i>										
4-07-028-01	Dimethylformamide: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-028-02	Dimethylformamide: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Amines - 2800, 2900, 3000, 5100</u></i>										
4-07-032-01	Aniline: Breathing Loss	---	---	---	---	---	0.24	---	---	1000 Gallon-Years Storage Capacity
4-07-032-02	Aniline: Working Loss	---	---	---	---	---	0.13	---	---	1000 Gallons Throughput
4-07-032-03	Ethanolamines: Breathing Loss	---	---	---	---	---	0.1	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Fixed Roof Tanks - Amines - 2800, 2900, 3000, 5100</i>										
4-07-032-04	Ethanolamines: Working Loss	---	---	---	---	---	0.004	---	---	1000 Gallons Throughput
4-07-032-05	Ethyleneamines: Breathing Loss	---	---	---	---	---	7	---	---	1000 Gallon-Years Storage Capacity
4-07-032-06	Ethyleneamines: Working Loss	---	---	---	---	---	2.6	---	---	1000 Gallons Throughput
4-07-032-07	Monoethanolamine: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-032-08	Monoethanolamine: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-032-09	Hexamine: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-032-10	Hexamine: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-032-11	Ethylenediamine: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-032-12	Ethylenediamine: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-032-97	Specify Amine: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-032-98	Specify Amine: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i>Fixed Roof Tanks - Aromatics - 2800, 2900, 3000, 5100</i>										
4-07-036-01	Benzene: Breathing Loss	---	---	---	---	---	8	---	---	1000 Gallon-Years Storage Capacity
4-07-036-02	Benzene: Working Loss	---	---	---	---	---	2.25	---	---	1000 Gallons Throughput
4-07-036-03	Cresol: Breathing Loss	---	---	---	---	---	0.13	---	---	1000 Gallon-Years Storage Capacity
4-07-036-04	Cresol: Working Loss	---	---	---	---	---	0.005	---	---	1000 Gallons Throughput
4-07-036-05	Cumene: Breathing Loss	---	---	---	---	---	1.4	---	---	1000 Gallon-Years Storage Capacity
4-07-036-06	Cumene: Working Loss	---	---	---	---	---	0.16	---	---	1000 Gallons Throughput
4-07-036-07	Diisopropyl Benzene: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-036-08	Diisopropyl Benzene: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-036-09	Ethyl Benzene: Breathing Loss	---	---	---	---	---	2	---	---	1000 Gallon-Years Storage Capacity
4-07-036-10	Ethyl Benzene: Working Loss	---	---	---	---	---	0.26	---	---	1000 Gallons Throughput
4-07-036-11	Methyl Styrene: Breathing Loss	---	---	---	---	---	0.64	---	---	1000 Gallon-Years Storage Capacity
4-07-036-12	Methyl Styrene: Working Loss	---	---	---	---	---	0.05	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Fixed Roof Tanks - Aromatics - 2800, 2900, 3000, 5100</i>										
4-07-036-13	Styrene: Breathing Loss	---	---	---	---	---	1.4	---	---	1000 Gallon-Years Storage Capacity
4-07-036-14	Styrene: Working Loss	---	---	---	---	---	0.17	---	---	1000 Gallons Throughput
4-07-036-15	Toluene: Breathing Loss	---	---	---	---	---	3.5	---	---	1000 Gallon-Years Storage Capacity
4-07-036-16	Toluene: Working Loss	---	---	---	---	---	0.66	---	---	1000 Gallons Throughput
4-07-036-17	m-Xylene: Breathing Loss	---	---	---	---	---	1.8	---	---	1000 Gallon-Years Storage Capacity
4-07-036-18	m-Xylene: Working Loss	---	---	---	---	---	0.23	---	---	1000 Gallons Throughput
4-07-036-19	o-Xylene: Breathing Loss	---	---	---	---	---	1.5	---	---	1000 Gallon-Years Storage Capacity
4-07-036-20	o-Xylene: Working Loss	---	---	---	---	---	0.18	---	---	1000 Gallons Throughput
4-07-036-21	p-Xylene: Breathing Loss	---	---	---	---	---	1.9	---	---	1000 Gallon-Years Storage Capacity
4-07-036-22	p-Xylene: Working Loss	---	---	---	---	---	0.24	---	---	1000 Gallons Throughput
4-07-036-23	Xylenes, Mixed: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-036-24	Xylenes, Mixed: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-036-25	Creosote: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-036-26	Creosote: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-036-97	Specify Aromatic: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-036-98	Specify Aromatic: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i>Fixed Roof Tanks - Carboxylic Acids - 2800, 2900, 3000, 5100</i>										
4-07-040-01	Acetic Acid: Breathing Loss	---	---	---	---	---	1.5	---	---	1000 Gallon-Years Storage Capacity
4-07-040-02	Acetic Acid: Working Loss	---	---	---	---	---	0.24	---	---	1000 Gallons Throughput
4-07-040-03	Acrylic Acid: Breathing Loss	---	---	---	---	---	0.65	---	---	1000 Gallon-Years Storage Capacity
4-07-040-04	Acrylic Acid: Working Loss	---	---	---	---	---	0.064	---	---	1000 Gallons Throughput
4-07-040-05	Adipic Acid (Soln): Breathing Loss	---	---	---	---	---	0.0003	---	---	1000 Gallon-Years Storage Capacity
4-07-040-06	Adipic Acid (Soln): Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-040-07	Formic Acid: Breathing Loss	---	---	---	---	---	2.6	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fixed Roof Tanks - Carboxylic Acids - 2800, 2900, 3000, 5100</u></i>										
4-07-040-08	Formic Acid: Working Loss	---	---	---	---	---	0.57	---	---	1000 Gallons Throughput
4-07-040-09	Propionic Acid: Breathing Loss	---	---	---	---	---	0.63	---	---	1000 Gallon-Years Storage Capacity
4-07-040-10	Propionic Acid: Working Loss	---	---	---	---	---	0.06	---	---	1000 Gallons Throughput
4-07-040-11	Chloroacetic Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-040-12	Chloroacetic Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-040-97	Specify Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-040-98	Specify Acid: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-040-99	Specify Acid: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Esters - 2800, 2900, 3000, 5100</u></i>										
4-07-044-01	Butyl Acetate: Breathing Loss	---	---	---	---	---	2.4	---	---	1000 Gallon-Years Storage Capacity
4-07-044-02	Butyl Acetate: Working Loss	---	---	---	---	---	0.34	---	---	1000 Gallons Throughput
4-07-044-03	Butyl Acrylate: Breathing Loss	---	---	---	---	---	1.59	---	---	1000 Gallon-Years Storage Capacity
4-07-044-04	Butyl Acrylate: Working Loss	---	---	---	---	---	0.2	---	---	1000 Gallons Throughput
4-07-044-05	Ethyl Acetate: Breathing Loss	---	---	---	---	---	8.5	---	---	1000 Gallon-Years Storage Capacity
4-07-044-06	Ethyl Acetate: Working Loss	---	---	---	---	---	2.3	---	---	1000 Gallons Throughput
4-07-044-07	Ethyl Acrylate: Breathing Loss	---	---	---	---	---	5.2	---	---	1000 Gallon-Years Storage Capacity
4-07-044-08	Ethyl Acrylate: Working Loss	---	---	---	---	---	1.1	---	---	1000 Gallons Throughput
4-07-044-09	Isobutyl Acrylate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-044-10	Isobutyl Acrylate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-044-11	Isopropyl Acetate: Breathing Loss	---	---	---	---	---	7.3	---	---	1000 Gallon-Years Storage Capacity
4-07-044-12	Isopropyl Acetate: Working Loss	---	---	---	---	---	1.8	---	---	1000 Gallons Throughput
4-07-044-13	Methyl Acetate: Breathing Loss	---	---	---	---	---	14.4	---	---	1000 Gallon-Years Storage Capacity
4-07-044-14	Methyl Acetate: Working Loss	---	---	---	---	---	4.8	---	---	1000 Gallons Throughput
4-07-044-15	Methyl Acrylate: Breathing Loss	---	---	---	---	---	8.2	---	---	1000 Gallon-Years Storage Capacity
4-07-044-16	Methyl Acrylate: Working Loss	---	---	---	---	---	2.2	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fixed Roof Tanks - Esters - 2800, 2900, 3000, 5100</u></i>										
4-07-044-17	Methyl Methacrylate: Breathing Loss	---	---	---	---	---	3.8	---	---	1000 Gallon-Years Storage Capacity
4-07-044-18	Methyl Methacrylate: Working Loss	---	---	---	---	---	0.7	---	---	1000 Gallons Throughput
4-07-044-19	Vinyl Acetate: Breathing Loss	---	---	---	---	---	9.4	---	---	1000 Gallon-Years Storage Capacity
4-07-044-20	Vinyl Acetate: Working Loss	---	---	---	---	---	2.7	---	---	1000 Gallons Throughput
4-07-044-21	n-Propyl Acetate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-044-22	n-Propyl Acetate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-044-23	i-Butyl-i-Butyrate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-044-24	i-Butyl-i-Butyrate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-044-25	Acrylic Esters: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-044-26	Acrylic Esters: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-044-97	Specify Ester: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-044-98	Specify Ester: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Ethers - 2800, 2900, 3000, 5100</u></i>										
4-07-048-01	Methyl-tert-Butyl Ether: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-048-02	Methyl-tert-Butyl Ether: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-048-05	1,4-Dioxane: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-048-06	1,4-Dioxane: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-048-97	Specify Ether: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-048-98	Specify Ether: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Glycol Ethers - 2800, 2900, 3000, 5100</u></i>										
4-07-052-01	Butyl Carbitol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-02	Butyl Carbitol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-052-03	Butyl Cellosolve: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-04	Butyl Cellosolve: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fixed Roof Tanks - Glycol Ethers - 2800, 2900, 3000, 5100</u></i>										
4-07-052-05	Carbitol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-06	Carbitol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-052-07	Cellosolve: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-08	Cellosolve: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-052-09	Diethylene Glycol: Breathing Loss	---	---	---	---	---	0.003	---	---	1000 Gallon-Years Storage Capacity
4-07-052-10	Diethylene Glycol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-052-11	Methyl Carbitol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-12	Methyl Carbitol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-052-13	Methyl Cellosolve: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-14	Methyl Cellosolve: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-052-15	Polyethylene Glycol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-16	Polyethylene Glycol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-052-17	Triethylene Glycol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-18	Triethylene Glycol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-052-97	Specify Glycol Ether: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-052-98	Specify Glycol Ether: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Glycols - 2800, 2900, 3000, 5100</u></i>										
4-07-056-01	1,4-Butanediol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-056-02	1,4-Butanediol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-056-03	Ethylene Glycol: Breathing Loss	---	---	---	---	---	0.052	---	---	1000 Gallon-Years Storage Capacity
4-07-056-04	Ethylene Glycol: Working Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-056-05	Dipropylene Glycol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-056-06	Dipropylene Glycol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-056-07	Glycerol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Fixed Roof Tanks - Glycols - 2800, 2900, 3000, 5100</i>										
4-07-056-08	Glycerol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-056-09	Propylene Glycol: Breathing Loss	---	---	---	---	---	0.007	---	---	1000 Gallon-Years Storage Capacity
4-07-056-10	Propylene Glycol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-056-97	Specify Glycol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-056-98	Specify Glycol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i>Fixed Roof Tanks - Halogenated Organics - 2800, 2900, 3000, 5100</i>										
4-07-060-01	Benzyl Chloride: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-02	Benzyl Chloride: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-060-03	Caprolactum (Soln): Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-04	Caprolactum (Soln): Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-060-05	Carbon Tetrachloride: Breathing Loss	---	---	---	---	---	17.8	---	---	1000 Gallon-Years Storage Capacity
4-07-060-06	Carbon Tetrachloride: Working Loss	---	---	---	---	---	5.2	---	---	1000 Gallons Throughput
4-07-060-07	Chlorobenzene: Breathing Loss	---	---	---	---	---	2.5	---	---	1000 Gallon-Years Storage Capacity
4-07-060-08	Chlorobenzene: Working Loss	---	---	---	---	---	0.36	---	---	1000 Gallons Throughput
4-07-060-09	o-Dichlorobenzene: Breathing Loss	---	---	---	---	---	0.69	---	---	1000 Gallon-Years Storage Capacity
4-07-060-10	o-Dichlorobenzene: Working Loss	---	---	---	---	---	0.05	---	---	1000 Gallons Throughput
4-07-060-11	p-Dichlorobenzene: Breathing Loss	---	---	---	---	---	0.82	---	---	1000 Gallon-Years Storage Capacity
4-07-060-12	p-Dichlorobenzene: Working Loss	---	---	---	---	---	0.06	---	---	1000 Gallons Throughput
4-07-060-13	Epichlorohydrin: Breathing Loss	---	---	---	---	---	2.5	---	---	1000 Gallon-Years Storage Capacity
4-07-060-14	Epichlorohydrin: Working Loss	---	---	---	---	---	0.4	---	---	1000 Gallons Throughput
4-07-060-15	Ethylene Dibromide: Breathing Loss	---	---	---	---	---	4.9	---	---	1000 Gallon-Years Storage Capacity
4-07-060-16	Ethylene Dibromide: Working Loss	---	---	---	---	---	0.77	---	---	1000 Gallons Throughput
4-07-060-17	Ethylene Dichloride: Breathing Loss	---	---	---	---	---	8.7	---	---	1000 Gallon-Years Storage Capacity
4-07-060-18	Ethylene Dichloride: Working Loss	---	---	---	---	---	2.3	---	---	1000 Gallons Throughput



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fixed Roof Tanks - Halogenated Organics - 2800, 2900, 3000, 5100</u></i>										
4-07-060-19	Methylene Chloride: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-20	Methylene Chloride: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-060-21	Perchloroethylene: Breathing Loss	---	---	---	---	---	5	---	---	1000 Gallon-Years Storage Capacity
4-07-060-22	Perchloroethylene: Working Loss	---	---	---	---	---	0.84	---	---	1000 Gallons Throughput
4-07-060-23	Trichloroethylene: Breathing Loss	---	---	---	---	---	11.1	---	---	1000 Gallon-Years Storage Capacity
4-07-060-24	Trichloroethylene: Working Loss	---	---	---	---	---	2.9	---	---	1000 Gallons Throughput
4-07-060-27	1,1,1-Trichloroethane: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-28	1,1,1-Trichloroethane: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-060-29	Chlorosolve: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-30	Chlorosolve: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-060-31	Methyl Chloride: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-32	Methyl Chloride: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-060-33	Chloroform: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-34	Chloroform: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-060-35	Hexachlorobenzene: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-36	Hexachlorobenzene: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-060-97	Specify Halogenated Organic: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-060-98	Specify Halogenated Organic: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Isocyanates - 2800, 2900, 3000, 5100</u></i>										
4-07-064-01	MDI: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-064-02	MDI: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-064-03	TDI: Breathing Loss	---	---	---	---	---	0.044	---	---	1000 Gallon-Years Storage Capacity
4-07-064-04	TDI: Working Loss	---	---	---	---	---	0.0008	---	---	1000 Gallons Throughput
4-07-064-97	Specify Isocyanate: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fixed Roof Tanks - Isocyanates - 2800, 2900, 3000, 5100</u></i>										
4-07-064-98	Specify Isocyanate: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Ketones - 2800, 2900, 3000, 5100</u></i>										
4-07-068-01	Cyclohexanone: Breathing Loss	---	---	---	---	---	1.7	---	---	1000 Gallon-Years Storage Capacity
4-07-068-02	Cyclohexanone: Working Loss	---	---	---	---	---	0.2	---	---	1000 Gallons Throughput
4-07-068-03	Acetone: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-068-04	Acetone: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-068-05	Methyl Ethyl Ketone: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-068-06	Methyl Ethyl Ketone: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-068-07	Methyl Isobutyl Ketone: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-068-08	Methyl Isobutyl Ketone: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-068-13	Methylamyl Ketone: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-068-14	Methylamyl Ketone: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-068-97	Specify Ketone: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-068-98	Specify Ketone: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Mercaptans - 2911, 3764, 9711</u></i>										
4-07-072-03	Perchloromethyl Mercaptan: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-072-04	Perchloromethyl Mercaptan: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Nitriles - 2800, 2900, 3000, 5100</u></i>										
4-07-076-01	Acrylonitrile: Breathing Loss	---	---	---	---	---	6.1	---	---	1000 Gallon-Years Storage Capacity
4-07-076-02	Acrylonitrile: Working Loss	---	---	---	---	---	1.8	---	---	1000 Gallons Throughput
4-07-076-03	Acetonitrile: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-076-04	Acetonitrile: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-076-97	Specify Nitrile: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-076-98	Specify Nitrile: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Fixed Roof Tanks - Nitro Compounds - 2800, 2900, 3000, 5100</u></i>										
4-07-080-01	Nitrobenzene: Breathing Loss	---	---	---	---	---	0.43	---	---	1000 Gallon-Years Storage Capacity
4-07-080-02	Nitrobenzene: Working Loss	---	---	---	---	---	0.027	---	---	1000 Gallons Throughput
4-07-080-97	Specify in Comments: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-080-98	Specify in Comments: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Phenols - 2800, 2900, 3000, 5100</u></i>										
4-07-084-01	Nonylphenol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-084-02	Nonylphenol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-084-03	Phenol: Breathing Loss	---	---	---	---	---	0.15	---	---	1000 Gallon-Years Storage Capacity
4-07-084-04	Phenol: Working Loss	---	---	---	---	---	0.006	---	---	1000 Gallons Throughput
4-07-084-05	2,4-Dichlorophenol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-084-06	2,4-Dichlorophenol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-084-97	Specify Phenol: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-084-98	Specify Phenol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Fixed Roof Tanks - Miscellaneous - multiple (See Appendix D)</u></i>										
4-07-146-01	Carbon Disulfide: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-146-02	Carbon Disulfide: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-146-03	Dimethyl Sulfoxide: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-146-04	Dimethyl Sulfoxide: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-146-05	Tetrahydrofuran: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-146-06	Tetrahydrofuran: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-146-97	Specify In Comments: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-146-98	Specify In Comments: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Acid Anhydrides - 2865</u></i>										
4-07-154-01	Acetic Acid Anhydride: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Floating Roof Tanks - Acid Anhydrides - 2865</u></i>										
4-07-154-02	Acetic Acid Anhydride: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-154-03	Maleic Anhydride: Standing loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-154-04	Maleic Anhydride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-154-05	Phthalic Anhydride: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-154-06	Phthalic Anhydride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Alcohols - 2834, 2844, 2899, 5171</u></i>										
4-07-158-01	Methanol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-158-02	Methanol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-158-09	Ethyl Alcohol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-158-10	Ethyl Alcohol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-158-11	Isopropanol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-158-12	Isopropanol: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-158-17	N-propyl Alcohol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-158-18	N-propyl Alcohol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-158-19	Xylol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-158-20	Xylol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Aldehydes - 2800, 2900, 3000, 5100</u></i>										
4-07-172-01	Acetaldehyde: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-172-02	Acetaldehyde: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-172-03	Acrolein: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-172-04	Acrolein: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-172-05	n-Butyraldehyde: Standing Loss	---	---	---	---	---	1.4	---	---	1000 Gallon-Years Storage Capacity
4-07-172-06	n-Butyraldehyde: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-172-07	Formalin: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-172-08	Formalin: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Floating Roof Tanks - Aldehydes - 2800, 2900, 3000, 5100</u></i>										
4-07-172-09	Isobutyraldehyde: Standing Loss	---	---	---	---	---	2.4	---	---	1000 Gallon-Years Storage Capacity
4-07-172-10	Isobutyraldehyde: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-172-11	Propionaldehyde: Standing Loss	---	---	---	---	---	3.9	---	---	1000 Gallon-Years Storage Capacity
4-07-172-12	Propionaldehyde: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-172-97	Specify Aldehyde: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-172-98	Specify Aldehyde: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Alkanes (Paraffins) - 2800, 2900, 3000, 5100</u></i>										
4-07-176-01	Cyclohexane: Standing Loss	---	---	---	---	---	1.47	---	---	1000 Gallon-Years Storage Capacity
4-07-176-02	Cyclohexane: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-176-03	n-Hexane: Standing Loss	---	---	---	---	---	2.5	---	---	1000 Gallon-Years Storage Capacity
4-07-176-04	n-Hexane: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-176-05	n-Pentane: Standing Loss	---	---	---	---	---	9.4	---	---	1000 Gallon-Years Storage Capacity
4-07-176-06	n-Pentane: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-176-11	Naphtha: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-176-12	Naphtha: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-176-13	Petroleum Distillates: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-176-14	Petroleum Distillates: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-176-97	Specify Alkane: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-176-98	Specify Alkane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Alkenes (Olefins) - 2800, 2900, 3000, 5100</u></i>										
4-07-180-01	Isoprene: Standing Loss	---	---	---	---	---	9.7	---	---	1000 Gallon-Years Storage Capacity
4-07-180-02	Isoprene: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-180-03	Methylallene: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-180-04	Methylallene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Floating Roof Tanks - Alkenes (Olefins) - 2800, 2900, 3000, 5100</u></i>										
4-07-180-05	1-Pentene: Standing Loss	---	---	---	---	---	12.6	---	---	1000 Gallon-Years Storage Capacity
4-07-180-06	1-Pentene: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-180-07	Piperylene: Standing Loss	---	---	---	---	---	6.4	---	---	1000 Gallon-Years Storage Capacity
4-07-180-08	Piperylene: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-180-09	Cyclopentene: Standing Loss	---	---	---	---	---	5.8	---	---	1000 Gallon-Years Storage Capacity
4-07-180-10	Cyclopentene: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-180-97	Specify Olefin: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-180-98	Specify Olefin: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Amides - 2911, 3764, 9711</u></i>										
4-07-188-01	Dimethylformamide: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-188-02	Dimethylformamide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Amines - 2911, 3764, 9711</u></i>										
4-07-192-01	Aniline: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-192-02	Aniline: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-192-07	Monoethanolamine: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-192-08	Monoethanolamine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-192-09	Hexamine: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-192-10	Hexamine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-192-11	Ethylenediamine: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-192-12	Ethylenediamine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Aromatics - 2851, 5171</u></i>										
4-07-196-01	Benzene: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-196-02	Benzene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-196-13	Styrene: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Floating Roof Tanks - Aromatics - 2851, 5171</u></i>										
4-07-196-14	Styrene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-196-15	Toluene: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-196-16	Toluene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-196-19	o-Xylene: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-196-20	o-Xylene: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-196-21	p-Xylene: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-196-22	p-Xylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-196-23	Xylenes: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-196-24	Xylenes: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-196-97	Specify Aromatic: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-196-98	Specify Aromatic: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Carboxylic Acids - 2911, 3764, 9711</u></i>										
4-07-200-01	Acetic Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-200-02	Acetic Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-200-03	Acrylic Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-200-04	Acrylic Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-200-11	Chloroacetic Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-200-12	Chloroacetic Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-200-97	Specify Carboxylic Acid: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-200-98	Specify Carboxylic Acid: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Esters - 2821</u></i>										
4-07-204-01	Butyl Acetate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-204-02	Butyl Acetate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-204-05	Ethyl Acetate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-204-06	Ethyl Acetate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Floating Roof Tanks - Esters - 2821</u></i>										
4-07-204-17	Methyl Methacrylate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-204-18	Methyl Methacrylate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-204-19	Vinyl Acetate: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-204-20	Vinyl Acetate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-204-25	Acrylic Esters: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-204-26	Acrylic Esters: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Ethers - 2800, 2900, 3000, 5100</u></i>										
4-07-208-01	Ethyl Ether: Standing Loss	---	---	---	---	---	9.9	---	---	1000 Gallon-Years Storage Capacity
4-07-208-02	Ethyl Ether: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-208-03	Propylene Oxide: Standing Loss	---	---	---	---	---	7.8	---	---	1000 Gallon-Years Storage Capacity
4-07-208-04	Propylene Oxide: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-208-05	1,4-Dioxane: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-208-06	1,4-Dioxane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-208-97	Specify Ether: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-208-98	Specify Ether: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Glycol Ethers - 2869</u></i>										
4-07-212-05	Carbitol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-212-06	Carbitol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-212-07	Cellosolve: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-212-08	Cellosolve: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-212-17	Triethylene Glycol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-212-18	Triethylene Glycol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Floating Roof Tanks - Glycols - 4226</u></i>										
4-07-216-03	Ethylene Glycol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-216-04	Ethylene Glycol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Floating Roof Tanks - Halogenated Organics - 2800, 2900, 3000, 5100</i>										
4-07-220-01	Carbon Tetrachloride: Standing Loss	---	---	---	---	---	3.2	---	---	1000 Gallon-Years Storage Capacity
4-07-220-02	Carbon Tetrachloride: Withdrawal Loss	---	---	---	---	---	0.004	---	---	1000 Gallons Throughput
4-07-220-03	Chloroform: Standing Loss	---	---	---	---	---	4.6	---	---	1000 Gallon-Years Storage Capacity
4-07-220-04	Chloroform: Withdrawal Loss	---	---	---	---	---	0.004	---	---	1000 Gallons Throughput
4-07-220-05	Ethylene Dichloride: Standing Loss	---	---	---	---	---	1.4	---	---	1000 Gallon-Years Storage Capacity
4-07-220-06	Ethylene Dichloride: Withdrawal Loss	---	---	---	---	---	0.003	---	---	1000 Gallons Throughput
4-07-220-07	Methylene Chloride: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-220-08	Methylene Chloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-220-09	Trichlorethylene: Standing Loss	---	---	---	---	---	0.56	---	---	1000 Gallon-Years Storage Capacity
4-07-220-10	Trichlorethylene: Withdrawal Loss	---	---	---	---	---	0.004	---	---	1000 Gallons Throughput
4-07-220-11	1,1,1-Trichloroethane: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-220-12	1,1,1-Trichloroethane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-220-21	Perchloroethylene: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-220-22	Perchloroethylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-220-29	Chlorosolve: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-220-30	Chlorosolve: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-220-31	Methyl Chloride: Standing loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-220-32	Methyl Chloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-220-33	Chlorobenzene: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-220-34	Chlorobenzene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-220-35	Hexachlorobenzene: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-220-36	Hexachlorobenzene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-220-97	Specify Halogenated VOC: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-220-98	Specify Halogenated VOC: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Floating Roof Tanks - Ketones - 2800, 2900, 3000, 5100</i></u>										
4-07-228-01	Acetone: Standing Loss	---	---	---	---	---	2.6	---	---	1000 Gallon-Years Storage Capacity
4-07-228-02	Acetone: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-228-03	Methyl Ethyl Ketone: Standing Loss	---	---	---	---	---	1.3	---	---	1000 Gallon-Years Storage Capacity
4-07-228-04	Methyl Ethyl Ketone: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-228-05	Methyl Isobutyl Ketone: Standing Loss	---	---	---	---	---	0.31	---	---	1000 Gallon-Years Storage Capacity
4-07-228-06	Methyl Isobutyl Ketone: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-228-07	Cyclohexanone: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-228-08	Cyclohexanone: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-228-97	Specify Ketone: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-228-98	Specify Ketone: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Floating Roof Tanks - Mercaptans - 2800, 2900, 3000, 5100</i></u>										
4-07-232-01	Ethyl Mercaptan: Standing Loss	---	---	---	---	---	8.2	---	---	1000 Gallon-Years Storage Capacity
4-07-232-02	Ethyl Mercaptan: Withdrawal Loss	---	---	---	---	---	0.002	---	---	1000 Gallons Throughput
4-07-232-03	Perchloromethyl Mercaptan: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-232-04	Perchloromethyl Mercaptan: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-232-97	Specify Mercaptan: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-232-98	Specify Mercaptan: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Floating Roof Tanks - Nitriles - 2911, 3764, 9711</i></u>										
4-07-236-01	Acrylonitrile: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-236-02	Acrylonitrile: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-236-03	Acetonitrile: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-236-04	Acetonitrile: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Floating Roof Tanks - Phenols - 2911, 3764, 9711</i></u>										
4-07-244-03	Phenol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Floating Roof Tanks - Phenols - 2911, 3764, 9711</i></u>										
4-07-244-04	Phenol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-244-05	2,4-Dichlorophenol: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-244-06	2,4-Dichlorophenol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Floating Roof Tanks - Miscellaneous - 2865</i></u>										
4-07-296-01	Carbon Disulfide: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-296-02	Carbon Disulfide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-296-03	Dimethyl Sulfoxide: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-296-04	Dimethyl Sulfoxide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-296-05	Tetrahydrofuran: Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-296-06	Tetrahydrofuran: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-296-97	Specify In Comments: Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-07-296-98	Specify In Comments: Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Anhydrides - 2911, 3764, 9711</i></u>										
4-07-804-01	Acetic Anhydride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-804-03	Maleic Anhydride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Alcohols - 2911, 3764, 9711</i></u>										
4-07-808-15	Methanol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-808-19	Xylol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Aldehydes - 2800, 2900, 3000, 5100</i></u>										
4-07-812-01	Acetaldehyde: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-812-02	Acrolein: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Alkanes (Paraffins) - 2800, 2900, 3000, 5100</i></u>										
4-07-816-01	Ethane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-816-02	Butane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-816-03	Methane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-816-04	Natural Gas: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-816-05	Propane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Pressure Tanks - Alkanes (Paraffins) - 2800, 2900, 3000, 5100</i></u>										
4-07-816-06	Isopentane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-816-07	n-Pentane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-816-99	Specify Gas: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Alkenes (Olefins) - 2800, 2900, 3000, 5100</i></u>										
4-07-820-01	1,3-Butadiene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-02	1-Butene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-03	2-Butene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-04	Ethylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-05	Isobutylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-06	Propylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-07	Isoprene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-08	Methylallene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-09	1-Pentene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-10	Piperylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-11	Cyclopentene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-12	Vinylidene Chloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-820-99	Specify Alkene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Alkynes (Acetylenes) - 2800, 2900, 3000, 5100</i></u>										
4-07-824-01	Acetylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-824-99	Specify Alkyne: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Amines - 2800, 2900, 3000, 5100</i></u>										
4-07-832-01	Methylamine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-832-02	Dimethylamine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-832-03	Trimethylamine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-832-04	Hexamine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-832-05	Aniline: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-832-99	Specify Amine: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Aromatics - 2911, 3764, 9711</i></u>										
4-07-836-01	Benzene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-836-21	p-Xylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u><i>Pressure Tanks - Ethers - 2800, 2900, 3000, 5100</i></u>										
4-07-848-01	Ethylene Oxide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-848-99	Specify Ether: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Halogenated Organics - 2800, 2900, 3000, 5100</i></u>										
4-07-860-01	Ethyl Chloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-02	Methyl Chloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-03	Phosgene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-04	Vinyl Chloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-05	Trichlorotrifluoroethane: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-06	Carbon Tetrachloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-19	Methylene Chloride: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-21	Perchloroethylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-23	Trichloroethylene: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-860-99	Specify Halogenated VOC: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Isocyanates - 2800, 2900, 3000, 5100</i></u>										
4-07-864-01	Methyl Isocyanate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-864-99	Specify Isocyanate: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Ketones - 2911, 3764, 9711</i></u>										
4-07-868-01	Cyclohexanone: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-868-03	Acetone: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-868-05	Methyl Ethyl Ketone: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Mercaptans (Thiols) - 2800, 2900, 3000, 5100</i></u>										
4-07-872-01	Methyl Mercaptan: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-872-03	Perchloromethyl Mercaptan: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-872-99	Specify Mercaptan: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Pressure Tanks - Phenols - 2911, 3764, 9711</i></u>										
4-07-884-03	Phenol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-884-05	2,4-Dichlorophenol: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u><i>Miscellaneous - 2800, 2900, 3000, 5100</i></u>										
4-07-999-01	Carbon Disulfide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-999-03	Dimethyl Sulfoxide: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Miscellaneous - 2800, 2900, 3000, 5100</i>										
4-07-999-05	Tetrahydrofuran: Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-07-999-97	Specify in Comments	---	---	---	---	---	1.44	---	---	Tons Produced
4-07-999-98	Specify in Comments	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-07-999-99	Other Not Classified	---	---	---	---	---	---	---	---	1000 Gallon-Years Stored
<i>PETROLEUM AND SOLVENT EVAPORATION -Organic Chemical Transportation</i>										
<i>Equipment Leaks - 2911</i>										
4-08-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<i>Specific Liquid - 2800, 2900, 3000, 5100</i>										
4-08-999-95	Cars/Trucks: Loading Rack	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-08-999-97	Marine Vessels: Loading Rack	---	---	---	---	---	---	---	---	1000 Gallons Transferred
4-08-999-99	Loading Rack	---	---	---	---	---	---	---	---	1000 Gallons Transferred
<i>PETROLEUM AND SOLVENT EVAPORATION -Dry Cleaning</i>										
<i>Petroleum Solvent - Industrial - 2384</i>										
4-10-001-01	Stoddard	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-02	Stoddard	---	---	---	---	---	---	---	---	Tons Consumed
4-10-001-15	Washer/Extractor	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-25	Solvent Settling Tank: Batch Flow	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-26	Solvent Settling Tank: Continuous Flow	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-30	Dryer	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-31	Dryer: Loading/Unloading	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-32	Dryer: Drying Cycle	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-33	Dryer: Cool Down Cycle	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-40	Filtration	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-41	Filtration, Diatomite: Single Charge	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-42	Filtration, Diatomite: Multiple Charge	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-43	Filtration, Diatomite: Regenerative	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-44	Filtration, Cartridge, Carbon Core, Batch Operation	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-45	Filtration, Cartridge, All Carbon, Batch Operation	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-46	Filtration, Cartridge, Carbon Core, Continuous Operation	---	---	---	---	---	---	---	---	Tons Cleaned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Petroleum Solvent - Industrial - 2384</u></i>										
4-10-001-47	Filtration, Cartridge, All Carbon, Continuous Operation	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-60	Waste Disposal	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-61	Waste Disposal: Filter Waste, Drained	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-62	Waste Disposal: Filter Waste, Centrifuged	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-63	Waste Disposal: Settling Tank Sludge	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-64	Waste Disposal: Still Waste	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-65	Waste Disposal: Cartridge, All Carbon	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-001-66	Waste Disposal: Cartridge, Carbon Core Only	---	---	---	---	---	---	---	---	Tons Cleaned
<i><u>Petroleum Solvent - Commercial - 7216, 7211, 7218</u></i>										
4-10-002-01	Stoddard	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-02	Stoddard	---	---	---	---	---	---	---	---	Tons Consumed
4-10-002-15	Washer/Extractor	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-25	Solvent Settling Tank: Batch Flow	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-26	Solvent Settling Tank: Continuous Flow	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-30	Dryer	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-31	Dryer: Loading/Unloading	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-32	Dryer: Drying Cycle	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-33	Dryer: Cool Down Cycle	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-40	Filtration	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-41	Filtration, Diatomite: Single Charge	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-42	Filtration, Diatomite: Multiple Charge	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-43	Filtration, Diatomite: Regenerative	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-44	Filtration, Cartridge, Carbon Core, Batch Operation	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-45	Filtration, Cartridge, All Carbon, Batch Operation	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-46	Filtration, Cartridge, Carbon Core, Continuous Operation	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-47	Filtration, Cartridge, All Carbon, Continuous Operation	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-60	Waste Disposal	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-61	Waste Disposal: Filter Waste, Drained	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-62	Waste Disposal: Filter Waste, Centrifuged	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-63	Waste Disposal: Settling Tank Sludge	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-64	Waste Disposal: Still Waste	---	---	---	---	---	---	---	---	Tons Cleaned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Petroleum Solvent - Commercial - 7216, 7211, 7218</u>										
4-10-002-65	Waste Disposal: Cartridge, All Carbon	---	---	---	---	---	---	---	---	Tons Cleaned
4-10-002-66	Waste Disposal: Cartridge, Carbon Core Only	---	---	---	---	---	---	---	---	Tons Cleaned
<u>Petroleum Solvent - Equipment Leaks - 7216, 7218, 7219</u>										
4-10-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Petroleum Solvent - Wastewater, Aggregate - 7200</u>										
4-10-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
4-10-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Petroleum Solvent - Wastewater, Points of Generation - 7200</u>										
4-10-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>PETROLEUM AND SOLVENT EVAPORATION -Tanks (Fixed and Floating)</u>										
<u>Fixed - 210 Bbl Size - 5171</u>										
4-25-001-01	Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-25-001-02	Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fixed - 500 Bbl Size - 3479</u>										
4-25-002-01	Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-25-002-02	Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Fixed - 1,000 Bbl Size - 2800</u>										
4-25-003-01	Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-25-003-02	Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Floating - 1,000 Bbl Size - 2800</u>										
4-25-050-01	Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-25-050-02	Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Floating - 5,000 Bbl Size - 2800</u>										
4-25-051-01	Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
4-25-051-02	Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Floating - 1,000 Bbl Size - 2800</u>										
4-25-052-02	Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>PETROLEUM AND SOLVENT EVAPORATION -Organic Solvent Evaporation</u>										
<u>Solvent Extraction Process - 4000, 4700, 7600</u>										
4-90-001-01	Petroleum Naphtha (Stoddard)	---	---	---	---	---	2000	---	---	Tons Consumed
4-90-001-02	Methyl Ethyl Ketone	---	---	---	---	---	2000	---	---	Tons Consumed
4-90-001-03	Methyl Isobutyl Ketone	---	---	---	---	---	2000	---	---	Tons Consumed
4-90-001-04	Furfural	---	---	---	---	---	2000	---	---	Tons Consumed
4-90-001-05	Trichloroethylene	---	---	---	---	---	2000	---	---	Tons Consumed
4-90-001-99	Other Not Classified	---	---	---	---	---	2000	---	---	Tons Consumed
<u>Waste Solvent Recovery Operations - 4000, 4700, 7600</u>										
4-90-002-01	Storage Tank Vent	---	---	---	---	---	0.02	---	---	Tons Produced
4-90-002-02	Condenser Vent	---	---	---	---	---	3.3	---	---	Tons Produced
4-90-002-03	Incinerator Stack	1.44	0.89	---	---	---	0.02	---	---	Tons Produced
4-90-002-04	Solvent Spillage	---	---	---	---	---	0.2	---	---	Tons Produced
4-90-002-05	Solvent Loading	---	---	---	---	---	0.72	---	---	Tons Produced
4-90-002-06	Fugitive Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
4-90-002-07	Distillation Vent	---	---	---	---	---	---	---	---	Tons Produced
4-90-002-08	Decanting	---	---	---	---	---	---	---	---	Tons Produced
4-90-002-09	Salting	---	---	---	---	---	---	---	---	Tons Produced
4-90-002-99	Other Not Classified	---	---	---	---	---	---	---	---	Tons Produced
<u>Rail Car Cleaning - 4742, 4011, 4013</u>										
4-90-003-01	Ethylene Glycol	---	---	---	---	---	0.0007	---	---	Each Cleaned
4-90-003-02	Chlorobenzene	---	---	---	---	---	0.035	---	---	Each Cleaned
4-90-003-03	o-Dichlorobenzene	---	---	---	---	---	0.166	---	---	Each Cleaned
4-90-003-04	Creosote	---	---	---	---	---	5.18	---	---	Each Cleaned
4-90-003-99	Other Not Classified	---	---	---	---	---	---	---	---	Each Cleaned
<u>Tank Truck Cleaning - 4000, 4700, 7600</u>										
4-90-004-01	Acetone	---	---	---	---	---	0.69	---	---	Each Cleaned
4-90-004-02	Perchloroethylene	---	---	---	---	---	0.474	---	---	Each Cleaned
4-90-004-03	Methyl Methacrylate	---	---	---	---	---	0.071	---	---	Each Cleaned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Tank Truck Cleaning - 4000, 4700, 7600</u>										
4-90-004-04	Phenol	---	---	---	---	---	0.012	---	---	Each Cleaned
4-90-004-05	Propylene Glycol	---	---	---	---	---	0.002	---	---	Each Cleaned
4-90-004-99	Other Not Classified	---	---	---	---	---	---	---	---	Each Cleaned
<u>Air Stripping Tower - 4000, 4700, 7600</u>										
4-90-005-01	Trichloroethylene	---	---	---	---	---	2000	---	---	Tons Stripped
4-90-005-02	Perchloroethylene	---	---	---	---	---	2000	---	---	Tons Stripped
4-90-005-03	1,1,1-Trichloroethane	---	---	---	---	---	---	---	---	Tons Stripped
4-90-005-04	Chloroform	---	---	---	---	---	2000	---	---	Tons Stripped
4-90-005-99	Specify Solvent in Comments	---	---	---	---	---	---	---	---	Tons Stripped
<u>Freon Recovery/Recycling Operations - 2800</u>										
4-90-006-01	CFC-12 Recovery - Auto Air Conditioning	---	---	---	---	---	---	---	---	Gallons Recovered
<u>Fuel Fired Equipment - 4000, 4700, 7600</u>										
4-90-900-11	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	0.4	---	---	1000 Gallons Burned
4-90-900-12	Residual Oil: Incinerators	---	---	---	---	---	0.56	---	---	1000 Gallons Burned
4-90-900-13	Natural Gas: Incinerators	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
4-90-900-15	Recovered Solvents: Miscellaneous Incinerators	---	---	---	---	---	---	---	---	1000 Gallons Burned
4-90-900-21	Distillate Oil (No. 2): Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
4-90-900-22	Residual Oil: Flares	---	---	---	---	---	---	---	---	1000 Gallons Burned
4-90-900-23	Natural Gas: Flares	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
<u>Miscellaneous Volatile Organic Compound Evaporation - 4000, 4700, 7600</u>										
4-90-999-98	Identify the Process and Solvent in Comments	---	---	---	---	---	---	---	---	Gallons Consumed
4-90-999-99	Identify the Process and Solvent in Comments	---	---	---	---	---	---	---	---	Tons Consumed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<b><u>WASTE DISPOSAL</u></b>										
<b><u>WASTE DISPOSAL - Solid Waste Disposal - Government</u></b>										
<b><u>Municipal Incineration - 4953</u></b>										
5-01-001-01	Starved Air: Multiple Chamber	1.9	1.4	---	1.7	3.16	1.5	0.299	0.12	Tons Burned
5-01-001-02	Mass Burn: Single Chamber	38	14	---	1.7	3.6	0.1	2.2	0.18	Tons Burned
5-01-001-03	Refuse Derived Fuel	80	44	---	1.7	5.02	---	1.92	0.201	Tons Burned
5-01-001-04	Mass Burn Refractory Wall Combustor	---	---	---	<sup>21</sup> 3.46	2.46	---	1.37	0.213	Tons Burned
5-01-001-05	Mass Burn Waterwall Combustor	---	---	---	<sup>21</sup> 3.46	3.56	---	0.463	0.213	Tons Burned
5-01-001-06	Mass Burn Rotary Waterwall Combustor	---	---	---	<sup>21</sup> 3.46	2.25	---	0.766	0.213	Tons Burned
5-01-001-07	Modular Excess Air Combustor	---	---	---	<sup>21</sup> 3.46	2.47	---	---	0.213	Tons Burned
5-01-001-08	Fluidized Bed: Refuse Derived Fuel	---	---	---	---	---	---	---	---	Tons Burned
<b><u>Open Burning Dump - 4953</u></b>										
5-01-002-01	General Refuse	16	16	---	1	6	30	85	---	Tons Burned
5-01-002-02	Vegetation Only	17	---	---	---	4	19	140	---	Tons Burned
<b><u>Landfill Dump - 4953</u></b>										
5-01-004-01	Unpaved Road Traffic	---	---	---	---	---	---	---	---	Cubic Yard-Miles Transported
5-01-004-02	Fugitive Emissions	---	---	---	---	---	---	---	---	Acre-Years Existing
5-01-004-03	Area Method	---	---	---	---	---	---	---	---	1000 Cubic Yards Processed
5-01-004-04	Trench Method	---	---	---	---	---	---	---	---	1000 Cubic Yards Processed
5-01-004-05	Ramp Method	---	---	---	---	---	---	---	---	1000 Cubic Yards Processed
5-01-004-06	Gas Collection System: Other	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
5-01-004-10	Waste Gas Destruction: Waste Gas Flares	---	---	---	---	40	---	750	---	Million Dry Standard Cubic Feet Generated
5-01-004-11	Waste Gas Destruction: Incinerators	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
5-01-004-12	Waste Gas Destruction: Other	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
5-01-004-20	Waste Gas Recovery: Gas Turbines	---	---	---	---	87	---	230	---	Million Dry Standard Cubic Feet Generated
5-01-004-21	Waste Gas Recovery: Internal Combustion Device	---	---	---	---	250	---	470	---	Million Dry Standard Cubic Feet Generated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Landfill Dump - 4953</i>										
5-01-004-22	Waste Gas Recovery: Other	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
5-01-004-23	Waste Gas Recovery: Boiler	---	---	---	---	33	---	5.7	---	Million Dry Standard Cubic Feet Generated
5-01-004-30	Waste Gas Purification: Absorption	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
5-01-004-31	Waste Gas Purification: Adsorption	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
5-01-004-32	Waste Gas Purification: Membranes	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
5-01-004-33	Waste Purification: Other	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
<i>Other Incineration - 4953</i>										
5-01-005-05	Medical Waste Incinerator, unspecified type, Infectious wastes only	---	---	---	---	---	---	---	---	Tons Burned
5-01-005-06	Sludge	---	---	---	---	<sup>27</sup> 1.04	---	<sup>27</sup> 7.73	---	Tons Burned
5-01-005-07	Conical Design (Tee Pee) Municipal Refuse	20	11	---	2	5	20	60	---	Tons Burned
5-01-005-08	Conical Design (Tee Pee) Wood Refuse	See App. C	3.85	---	0.1	1	11	130	---	Tons Burned
5-01-005-10	Trench Burner: Wood	13	4.94	---	0.1	4	19	---	---	Tons Burned
5-01-005-11	Trench Burner: Tires	138	52.4	---	---	---	6	---	---	Tons Burned
5-01-005-12	Trench Burner: Refuse	37	14.1	---	2.5	---	13	---	---	Tons Burned
5-01-005-15	Sludge: Multiple Hearth	100	8.2	---	20	5	1.7	31	0.1	Tons Fed
5-01-005-16	Sludge: Fluidized Bed	460	---	---	<sup>21</sup> 0.3	1.7	---	2.1	0.04	Tons Fed
5-01-005-17	Sludge: Electric Infrared	7.4	6	---	20	8.6	---	---	---	Tons Fed
5-01-005-18	Sewage Sludge Incinerator: Single Hearth Cyclone	---	---	---	---	---	---	---	---	Tons Fed
5-01-005-19	Sewage Sludge Incinerator: Rotary Kiln	---	---	---	---	---	---	---	---	Tons Fed
5-01-005-20	Sewage Sludge Incinerator: High Pressure, Wet Oxidation	---	---	---	---	---	---	---	---	Tons Fed
<i>Fire Fighting - 9224</i>										
5-01-006-01	Structure: Jet Fuel	---	---	---	---	---	---	---	---	1000 Gallons Burned
5-01-006-02	Structure: Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
5-01-006-03	Structure: Kerosene	---	---	---	---	---	---	---	---	1000 Gallons Burned
5-01-006-04	Structure: Wood Pallets	---	---	---	---	---	---	---	---	Tons Burned
<i>Sewage Treatment - 4952</i>										
5-01-007-01	Entire Plant	---	---	---	---	---	8.9	---	---	Million Gallons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Sewage Treatment - 4952</u></i>										
5-01-007-02	Primary Settling Tank	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-03	Secondary Settling Tank	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-04	Aeration Tank	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-07	POTW: Headworks Screening	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-08	Comminutor	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-10	Collector Sewers	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-15	POTW: Aerated Grit Chamber	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-19	Lift Station	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-20	POTW: Primary Settling Tank	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-31	POTW: Diffused Air Act Sludge	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-32	POTW: Mechanical Mix Air Act Sludge	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-33	POTW: Pure Oxygen Act Sludge	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-34	POTW: Trickling Filter	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-40	POTW: Secondary Clarifier	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-50	POTW: Tertiary Filters	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-60	POTW: Chlorine Contact Tank	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-61	POTW: Dechlorination	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-65	Weir	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-69	Storage Basin or Open Tank	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-71	POTW: Gravity Sludge Thickener	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-72	POTW: DAF Sludge Thickener	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-81	POTW: Anaerobic Digester	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-89	Sludge Digester Gas Flare	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
5-01-007-91	POTW: Belt Filter Press	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-92	POTW: Sludge Centrifuge	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-93	POTW: Sludge Drying Bed	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-95	Sludge Storage Lagoons/Drying Beds	---	---	---	---	---	---	---	---	Million Gallons Processed
5-01-007-99	Other Not Classified	---	---	---	---	---	---	---	---	Million Gallons Processed
<i><u>Equipment Leaks - 4953</u></i>										
5-01-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Wastewater, Aggregate - 4953</u>										
5-01-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
5-01-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 1442</u>										
5-01-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Auxillary Fuel/No Emissions - 4953</u>										
5-01-900-02	Coal	---	---	---	---	---	---	---	---	Tons Burned
5-01-900-05	Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
5-01-900-06	Natural Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
5-01-900-10	Liquified Petroleum Gas (LPG)	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>WASTE DISPOSAL -Solid Waste Disposal - Commercial/Institutional</u>										
<u>Incineration - 4900</u>										
5-02-001-01	Multiple Chamber	7	4.7	---	2.5	3	3	10	---	Tons Burned
5-02-001-02	Single Chamber	15	5.7	---	2.5	2	15	20	---	Tons Burned
5-02-001-03	Controlled Air	---	1.04	---	---	---	---	---	---	Tons Burned
5-02-001-04	Conical Design (Tee Pee) Municipal Refuse	20	11	---	2	5	20	60	---	Tons Burned
5-02-001-05	Conical Design (Tee Pee) Wood Refuse	7	3.85	---	0.1	1	11	130	---	Tons Burned
<u>Open Burning - 4900</u>										
5-02-002-01	Wood	17	---	---	---	4	19	140	---	Tons Burned
5-02-002-02	Refuse	16	16	---	1	6	30	85	---	Tons Burned
5-02-002-03	Field Crops	---	---	---	---	---	---	---	---	Tons Burned
5-02-002-04	Vine Crops	---	---	---	---	---	---	---	---	Tons Burned
5-02-002-05	Weeds	---	---	---	---	---	---	---	---	Tons Burned
5-02-002-06	Orchard Crops	---	---	---	---	---	---	---	---	Tons Burned
5-02-002-07	Forest Residues	---	---	---	---	---	---	---	---	Tons Burned
<u>Apartment Incineration - 4900</u>										
5-02-003-01	Flue Fed	30	11.4	---	0.5	3	15	20	---	Tons Burned
5-02-003-02	Flue Fed with Afterburner and Draft Controls	6	4.02	---	0.5	10	3	10	---	Tons Burned
<u>Incineration: Special Purpose - 4900</u>										
5-02-005-01	Med Waste Controlled Air Incin-aka Starved air, 2-stg, or Modular comb	---	3.04	---	<sup>21</sup> 2.17	3.56	---	2.95	0.0728	Tons Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Incineration: Special Purpose - 4900</u></i>										
5-02-005-02	Med Waste Excess Air Incin - aka Batch, Multiple Chamber, or Retort	---	---	---	---	---	---	---	---	Tons Burned
5-02-005-03	Medical Waste Rotary Kiln Incinerator	34.5	---	---	<sup>21</sup> 1.09	4.63	---	0.382	0.124	Tons Burned
5-02-005-04	Medical Waste Incinerator, unspecified type (use 502005-01, -02, -03)	---	---	---	---	---	---	---	---	Tons Burned
5-02-005-05	Medical Waste Incinerator, unspecified type, Infectious wastes only	---	---	---	---	---	---	---	---	Tons Burned
5-02-005-06	Sludge	---	---	---	---	---	---	---	---	Tons Burned
5-02-005-07	VOC Contaminated Soil	---	---	---	---	---	---	---	---	Tons Burned
5-02-005-15	Sewage Sludge Incinerator: Multiple Hearth	---	---	---	---	---	---	---	---	Tons Fed
5-02-005-16	Sewage Sludge Incinerator: Fluidized Bed	---	---	---	---	---	---	---	---	Tons Fed
5-02-005-17	Sewage Sludge Incinerator: Electric Infrared	---	---	---	---	---	---	---	---	Tons Fed
5-02-005-18	Sewage Sludge Incinerator: Single Hearth Cyclone	---	---	---	---	---	---	---	---	Tons Fed
5-02-005-19	Sewage Sludge Incinerator: Rotary Kiln	---	---	---	---	---	---	---	---	Tons Fed
5-02-005-20	Sewage Sludge Incinerator: High Pressure, Wet Oxidation	---	---	---	---	---	---	---	---	Tons Fed
<i><u>Landfill Dump - 4900</u></i>										
5-02-006-01	Waste Gas Flares (Use 5-01-004-10)	---	---	---	---	---	5.6	---	---	Million Cubic Feet Burned
5-02-006-02	Municipal: Fugitive Emissions (Use 5-01-004-02)	---	---	---	---	---	---	---	---	Acre-Years Existing
<i><u>Asbestos Removal - 4900</u></i>										
5-02-009-01	General	---	---	---	---	---	---	---	---	Tons Removed
<i><u>Equipment Leaks - 4953</u></i>										
5-02-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<i><u>Wastewater, Aggregate - 4953</u></i>										
5-02-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
5-02-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Wastewater, Points of Generation - 4953</u></i>										
5-02-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<i><u>Auxillary Fuel/No Emissions - 4900</u></i>										
5-02-900-02	Coal	---	---	---	---	---	---	---	---	Tons Burned
5-02-900-05	Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
5-02-900-06	Natural Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Auxillary Fuel/No Emissions - 4900</i>										
5-02-900-10	Liquified Petroleum Gas (LPG)	---	---	---	---	---	---	---	---	1000 Gallons Burned
<i>WASTE DISPOSAL -Solid Waste Disposal - Industrial</i>										
<i>Incineration - 4900</i>										
5-03-001-01	Multiple Chamber	7	4.7	---	2.5	3	3	10	---	Tons Burned
5-03-001-02	Single Chamber	15	5.7	---	2.5	2	15	20	0.00181	Tons Burned
5-03-001-03	Controlled Air	---	1.04	---	---	---	---	---	---	Tons Burned
5-03-001-04	Conical Design (Tee Pee) Municipal Refuse	20	11	---	2	5	20	60	---	Tons Burned
5-03-001-05	Conical Design (Tee Pee) Wood Refuse	7	3.85	---	0.1	1	11	130	---	Tons Burned
5-03-001-06	Trench Burner: Wood	13	4.94	---	0.1	4	---	---	---	Tons Burned
5-03-001-07	Trench Burner: Tires	138	52.4	---	---	---	6	---	---	Tons Burned
5-03-001-08	Auto Body Components	2	1.2	---	---	0.1	---	2.5	---	Each Burned
5-03-001-09	Trench Burner: Refuse	37	14.1	---	2.5	---	13	---	---	Tons Burned
5-03-001-11	Mass Burn Refractory Wall Combustor	---	---	---	<sup>21</sup> 3.46	2.46	---	1.37	0.213	Tons Burned
5-03-001-12	Mass Burn Waterwall Combustor	---	---	---	<sup>21</sup> 3.46	3.56	---	0.463	0.213	Tons Burned
5-03-001-13	Mass Burn Rotary Waterwall Combustor	---	---	---	<sup>21</sup> 3.46	2.25	---	0.766	0.213	Tons Burned
5-03-001-14	Modular Starved-air Combustor	---	---	---	<sup>21</sup> 3.23	3.16	---	0.299	---	Tons Burned
5-03-001-15	Modular Excess-air Combustor	---	---	---	<sup>21</sup> 3.46	2.47	---	---	0.213	Tons Burned
<i>Open Burning - 4900</i>										
5-03-002-01	Wood/Vegetation/Leaves	17	17	---	---	4	---	---	---	Tons Burned
5-03-002-02	Refuse	16	16	---	1	6	30	85	---	Tons Burned
5-03-002-03	Auto Body Components	See App. C	100	---	---	See App. C	32	See App. C	---	Footnote 61
5-03-002-04	Coal Refuse Piles	---	0.18	---	---	---	---	---	---	Cubic Yards Burned
5-03-002-05	Rocket Propellant	---	---	---	---	---	---	---	---	Tons Burned
<i>Incineration - 4900</i>										
5-03-005-01	Hazardous Waste	---	0.2	---	---	---	---	---	---	Million Btus Input
5-03-005-02	Hazardous Waste Incinerators: Fluidized Bed	---	---	---	---	---	---	---	---	Million Btus Input
5-03-005-03	Hazardous Waste Incinerators: Liquid Injection	---	---	---	---	---	---	---	---	Million Btus Input
5-03-005-04	Hazardous Waste Incinerators: Rotary Kiln	---	---	---	---	---	---	---	---	Million Btus Input
5-03-005-05	Hazardous Waste Incinerators: Multiple Hearth	---	---	---	---	---	---	---	---	Million Btus Input
5-03-005-06	Sludge	---	---	---	---	---	---	---	---	Tons Burned



<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Incineration - 4900</i>										
5-03-005-15	Sewage Sludge Incinerator: Multiple Hearth	---	---	---	---	---	---	---	---	Tons Fed
5-03-005-16	Sewage Sludge Incinerator: Fluidized Bed	---	---	---	---	---	---	---	---	Tons Fed
5-03-005-17	Sewage Sludge Incinerator: Electric Infrared	---	---	---	---	---	---	---	---	Tons Fed
5-03-005-18	Sewage Sludge Incinerator: Single Hearth Cyclone	---	---	---	---	---	---	---	---	Tons Fed
5-03-005-19	Sewage Sludge Incinerator: Rotary Kiln	---	---	---	---	---	---	---	---	Tons Fed
5-03-005-20	Sewage Sludge Incinerator: High Pressure, Wet Oxidation	---	---	---	---	---	---	---	---	Tons Fed
5-03-005-99	Fuel Not Classified	---	---	---	---	---	---	---	---	Tons Burned
<i>Landfill Dump - 4900</i>										
5-03-006-01	Waste Gas Flares	---	---	---	<sup>21,27</sup> 0.00000575	40	---	750	---	Million Dry Standard Cubic Feet Generated
5-03-006-02	Liquid Waste Disposal	---	---	---	---	---	---	---	---	Tons Burned
5-03-006-03	Hazardous: Fugitive Emissions	---	---	---	---	---	---	---	---	Acre-Years Existing
<i>Liquid Waste - 4900</i>										
5-03-007-01	General	3.8	3.8	---	---	42.6	4.5	---	---	1000 Gallons Burned
5-03-007-02	Waste Treatment: General	---	---	---	---	---	---	---	---	1000 Gallons Processed
5-03-007-09	Open Trench	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-10	Open Sump	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-11	Junction Box	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-13	Oil/Water Separator	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-19	Lift Station	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-24	Equalization Basin	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-27	Neutralization Basin	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-31	Diffused Air Activated Sludge	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-32	Mechanical Mix Activated Sludge	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-33	Pure Oxygen Activated Sludge	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-34	Trickling Filter	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-40	Clarifier	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-60	Chlorine Contact	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-65	Weir	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-69	Storage Basin or Open Tank	---	---	---	---	---	---	---	---	Million Gallons Processed
5-03-007-81	Sludge Digester	---	---	---	---	---	---	---	---	Million Gallons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Liquid Waste - 4900</u>										
5-03-007-89	Sludge Digester Gas Flare	---	---	---	---	---	---	---	---	Million Cubic Feet Processed
<u>Treatment, Storage, Disposal/TSDf - 4900</u>										
5-03-008-01	Surface Impoundment: Fugitive Emissions	---	---	---	---	---	---	---	---	1000 Gallons Throughput
5-03-008-10	Waste Piles: Fugitive Emissions	---	---	---	---	---	---	---	---	Acre-Years Existing
5-03-008-20	Land Treatment: Fugitive Emissions	---	---	---	---	---	---	---	---	Acre-Years Treated
5-03-008-30	Containers: Fugitive Emissions	---	---	---	---	---	222	---	---	1000 Each-Year Stored
5-03-008-99	General: Fugitive Emissions	---	---	---	---	---	---	---	---	Tons Processed
<u>Asbestos Removal - 4900</u>										
5-03-009-01	General	---	---	---	---	---	---	---	---	Tons Removed
<u>Equipment Leaks - 4953</u>										
5-03-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 4953</u>										
5-03-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
5-03-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 4953</u>										
5-03-825-01	Liquid Injection Incinerator	---	---	---	---	---	---	---	---	1000 Gallons Throughput
5-03-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Auxillary Fuel/No Emissions - 4900</u>										
5-03-900-02	Coal	---	---	---	---	---	---	---	---	Tons Burned
5-03-900-05	Distillate Oil	---	---	---	---	---	---	---	---	1000 Gallons Burned
5-03-900-06	Natural Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
5-03-900-07	Process Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned
5-03-900-10	Liquified Petroleum Gas (LPG)	---	---	---	---	---	---	---	---	1000 Gallons Burned
<u>WASTE DISPOSAL -Site Remediation</u>										
<u>General Processes (Fixed and Floating Roof) - 5171, 5541, 7389</u>										
5-04-001-01	Breathing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
5-04-001-02	Working Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>General Processes (Fixed and Floating Roof) - 5171, 5541, 7389</u>										
5-04-001-03	Standing Loss	---	---	---	---	---	---	---	---	1000 Gallon-Years Storage Capacity
5-04-001-04	Withdrawal Loss	---	---	---	---	---	---	---	---	1000 Gallons Throughput
5-04-001-50	Storage Bins	---	---	---	---	---	---	---	---	1000 Gallons Processed
5-04-001-51	Liquid Waste: Transfer	---	---	---	---	---	---	---	---	1000 Gallons Processed
<u>General Processes - 3083, 3585, 3634, 4953, 8731</u>										
5-04-002-01	Miscellaneous	---	---	---	---	---	---	---	---	Tons Processed
5-04-002-02	Miscellaneous	---	---	---	---	---	---	---	---	Each-Year Operating
<u>General Processes - Refuse - 4911, 4953</u>										
5-04-003-01	Open Refuse Stockpiles: General	---	---	---	---	---	---	---	---	Tons Processed
5-04-003-02	Unloading: General	---	---	---	---	---	---	---	---	Tons Processed
5-04-003-03	Loading: General	---	---	---	---	---	---	---	---	Tons Processed
5-04-003-20	Storage Bins - Solid Waste	---	---	---	---	---	---	---	---	Tons Processed
<u>Excavation/Soils Handling - 4953</u>										
5-04-100-01	Excavation	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-02	Excavation: Backhoes	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-03	Excavation: Draglines	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-04	Excavation: Bulldozers	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-05	Excavation: Scrapers	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-10	Transport	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-20	Dumping	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-21	Dumping: Machinery into Truck	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-22	Dumping: Trucks onto Storage Piles	---	---	---	---	---	---	---	---	Cubic Yards Handled
5-04-100-30	Storage	---	---	---	---	---	---	---	---	Tons Stored
5-04-100-40	Grading	---	---	---	---	---	---	---	---	Square Feet Graded
<u>Stabilization/Solidification - 4953</u>										
5-04-101-01	Drying	---	---	---	---	---	---	---	---	Tons Treated
5-04-101-10	Mixing	---	---	---	---	---	---	---	---	Tons Treated
5-04-101-11	Mixing: Bins, Loading	---	---	---	---	---	---	---	---	Tons Treated
5-04-101-12	Mixing: Bins, Unloading	---	---	---	---	---	---	---	---	Tons Treated
5-04-101-20	Process	---	---	---	---	---	---	---	---	Tons Treated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Stabilization/Solidification - 4953</u>										
5-04-101-21	Nonreactive	---	---	---	---	---	---	---	---	Tons Treated
5-04-101-22	Inorganic	---	---	---	---	---	---	---	---	Tons Treated
5-04-101-23	Organic, Thermoplastic Encapsulation	---	---	---	---	---	---	---	---	Tons Treated
5-04-101-24	Organic, Incorporated into Monomer or Prepolymer	---	---	---	---	---	---	---	---	Tons Treated
<u>Capping - 4953</u>										
5-04-102-10	Capping	---	---	---	---	---	---	---	---	1000 Square Feet Capped
5-04-102-11	Synthetic Membrane	---	---	---	---	---	---	---	---	1000 Square Feet Capped
5-04-102-12	Low Permeability Soil	---	---	---	---	---	---	---	---	1000 Square Feet Capped
5-04-102-13	Soil/Bentonite Admixtures	---	---	---	---	---	---	---	---	1000 Square Feet Capped
5-04-102-14	Constructed Cap, Asphalt	---	---	---	---	---	---	---	---	1000 Square Feet Capped
5-04-102-15	Constructed Cap, Concrete	---	---	---	---	---	---	---	---	1000 Square Feet Capped
5-04-102-16	Multilayer Cover	---	---	---	---	---	---	---	---	1000 Square Feet Capped
<u>In Situ Venting/Venting of Soils - 2834, 2891, 3585, 5171, 5541, 7389</u>										
5-04-103-10	Active Aeration	---	---	---	---	---	---	---	---	Cubic Yards Treated
5-04-103-11	Active Aeration: Vacuum	---	---	---	---	---	---	---	---	Cubic Yards Treated
5-04-103-12	Active Aeration, Vacuum: Vapor Recovery Well	---	---	---	---	---	---	---	---	Cubic Yards Treated
5-04-103-13	Active Aeration, Vacuum: Vacuum System	---	---	---	---	---	---	---	---	Cubic Yards Treated
5-04-103-14	Active Aeration, Vacuum: Control Device	---	---	---	---	---	---	---	---	Cubic Yards Treated
5-04-103-21	Active Aeration: Forced Air/Positive Pressure	---	---	---	---	---	---	---	---	Cubic Yards Treated
5-04-103-22	Active Aeration, Forced Air/Positive Pressure: Treatment Unit	---	---	---	---	---	---	---	---	Cubic Yards Treated
<u>Air Stripping of Groundwater - 2721, 2869, 4959, 5171, 5541, 7389</u>										
5-04-104-05	Oil/Water Separator	---	---	---	---	---	---	---	---	1000 Gallons Treated
5-04-104-06	Storage/Surge Tanks	---	---	---	---	---	---	---	---	1000 Gallons Treated
5-04-104-07	Holding Tanks	---	---	---	---	---	---	---	---	1000 Gallons Treated
5-04-104-08	Treatment Tanks	---	---	---	---	---	---	---	---	1000 Gallons Treated
5-04-104-09	Conduits	---	---	---	---	---	---	---	---	1000 Gallons Treated
5-04-104-20	Air Stripping Tower	---	---	---	---	---	---	---	---	1000 Gallons Treated
<u>Thermal Destruction - 4953</u>										
5-04-105-10	Waste Preparation	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-11	Waste Preparation: Blending	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i>Thermal Destruction - 4953</i>										
5-04-105-12	Waste Preparation: Screening	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-13	Waste Preparation: Shredding	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-14	Waste Preparation: Heating	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-20	Waste Feed System	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-21	Waste Feed System: Atomization	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-22	Waste Feed System: Ram	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-23	Waste Feed System: Auger	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-24	Waste Feed System: Gravity	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-25	Waste Feed System: Lance	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-30	Combustion Unit	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-31	Combustion Unit: Infrared Incinerator	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-32	Combustion Unit: Liquid Injection Incinerator	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-33	Combustion Unit: Hearth Incinerator	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-34	Combustion Unit: Fluidized Bed Incinerator	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-35	Combustion Unit: Rotary Kiln	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-36	Combustion Unit: Cement Kiln	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-37	Combustion Unit: Boiler	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-38	Combustion Unit: Pyrolysis	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-39	Combustion Unit: Molten Salt	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-40	Combustion Unit: High Temperature Fluid Wall	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-41	Combustion Unit: Plasma Arc	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-42	Combustion Unit: Wet Oxidation	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-43	Combustion Unit: Supercritical Water	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-60	Waste Disposal	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-61	Waste Disposal: Dewatering	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-62	Waste Disposal: Chemical Stabilization	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-63	Waste Disposal: Landfill	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-64	Waste Disposal: Residue Treatment, Neutralization	---	---	---	---	---	---	---	---	Tons Processed
5-04-105-65	Waste Disposal: Residue Treatment, Chemical	---	---	---	---	---	---	---	---	Tons Processed
<i>Thermal Desorption - 2851</i>										
5-04-106-10	Pretreatment	---	---	---	---	---	---	---	---	Tons Processed

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SOx Lbs/Unit	<sup>7</sup> NOx Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<i><u>Thermal Desorption - 2851</u></i>										
5-04-106-20	Thermal Desorber	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-21	Thermal Desorber: Indirect Heat Transfer	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-22	Thermal Desorber: Kiln	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-23	Thermal Desorber: Fluidized Bed	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-40	Wastes	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-41	Wastes: Hold Tanks	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-42	Wastes: Separator	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-43	Wastes: Sludge Concentrator	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-44	Wastes: Waste Piles	---	---	---	---	---	---	---	---	Tons Processed
5-04-106-45	Wastes: Containers	---	---	---	---	---	---	---	---	Tons Processed
<i><u>Biological Treatment - 4953</u></i>										
5-04-107-10	Biooxidation	---	---	---	---	---	---	---	---	1000 Gallons Treated
5-04-107-11	Biooxidation: Microbial Aerobic, Bioattachment	---	---	---	---	---	---	---	---	1000 Gallons Treated
5-04-107-12	Biooxidation: Microbial Aerobic, Biosolubilization	---	---	---	---	---	---	---	---	1000 Gallons Treated
5-04-107-20	Anaerobic Biodegradation	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-21	Anaerobic Biodegradation: Digester	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-22	Anaerobic Biodegradation: Activated Sludge System	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-23	Anaerobic Biodegradation: Fixed Film Reactors	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-24	Anaerobic Biodegradation: Anaerobic Rotating Biological Contactors	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-25	Anaerobic Biodegradation: Fluidized Bed Bioreactors	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-26	Anaerobic Biodegradation: Upflow Anaerobic Sludge Blankets	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-40	Surface Bioremediation	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-60	Bioreactors	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-61	Bioreactors: Activated Sludge	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-62	Bioreactors: Fixed Film	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-63	Bioreactors: Sequencing Batch	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-64	Bioreactors: Fluidized Bed	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-65	Bioreactors: Soil Slurry	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-66	Bioreactors: Trickling Filter	---	---	---	---	---	---	---	---	Tons Treated
5-04-107-80	In Situ Bioremediation	---	---	---	---	---	---	---	---	1000 Cubic Feet Treated

<sup>1</sup> SCC	<sup>2</sup> PROCESS NAME	<sup>3</sup> PM, filt. Lbs/Unit	<sup>4</sup> PM-10 Lbs/Unit	<sup>5</sup> PM, cond. Lbs/Unit	<sup>6</sup> SO <sub>x</sub> Lbs/Unit	<sup>7</sup> NO <sub>x</sub> Lbs/Unit	<sup>8</sup> VOC Lbs/Unit	<sup>9</sup> CO Lbs/Unit	<sup>10</sup> Lead Lbs/Unit	<sup>11</sup> UNITS
<u>Equipment Leaks - 4953</u>										
5-04-800-01	Equipment Leaks	---	---	---	---	---	---	---	---	Each-Year Operating
<u>Wastewater, Aggregate - 2911, 9711</u>										
5-04-820-01	Process Area Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
5-04-820-02	Process Equipment Drains	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>Wastewater, Points of Generation - 2911, 9711</u>										
5-04-825-99	Specify Point of Generation	---	---	---	---	---	---	---	---	1000 Gallons Throughput
<u>General Processes Incinerators - 4953</u>										
5-04-900-04	General Processes Incinerators: Process Gas	---	---	---	---	---	---	---	---	Million Cubic Feet Burned

## FOOTNOTES FOR APPENDIX A: UNCONTROLLED EMISSION FACTOR LISTING

1. SCC = Source Classification Code. This Appendix includes only point source codes.
2. Process Name = Fourth level SCC Description.
3. PM, filt. = Filterable particulate matter. Primary PM = PM, filterable + PM, condensable.
4. PM-10 = Filterable particulate matter less than 10 microns in aerodynamic diameter.
5. PM, cond. = Condensable particulate matter. Primary PM = PM, filterable + PM, condensable.
6. SO<sub>x</sub> = Sulfur oxides, including SO<sub>2</sub> and SO<sub>3</sub>.
7. NO<sub>x</sub> = Oxides of nitrogen.
8. VOC - Volatile Organic Compounds.
9. CO = Carbon monoxide.
10. Lead = Lead, including lead oxide.
11. Units = Denominator of the emission factor. If no uncontrolled criteria pollutant emission factors are available for a particular SCC (see SCC 1-01-002-38), then the default SCC unit description is listed. The reader should note that there may be multiple unit descriptions.
12. For all criteria pollutants, except Lead, the emission factor units are "Pounds per Tons Bituminous Coal Burned"; for Lead, the emission factor unit is "Pounds per million BTUs Heat Input."
13. Equation is  $[39.6 (S) (Ca/S)^{-1.9}]$ . Where S = Sulfur Content weight percent and (Ca/S) is the molar calcium-to-sulfur ratio in the bed. This equation may be used when the (Ca/S) is between 1.5 and 7.0. When no calcium-based sorbents are used and the bed material is inert with respect to sulfur capture, use the emission factor for underfeed stokers to estimate SO<sub>2</sub>.
14. For all criteria pollutants, except Lead, the emission factor units are "Pounds per Tons Subbituminous Coal Burned"; for Lead, the emission factor unit is "Pounds per million BTUs Heat Input."
15. Where A = weight % ash content of lignite, wet basis. For example, if lignite is 3.4% ash, then A = 3.4.
16. The wall-fired unit emissions are defined as 79% of the tangential-fired unit emissions for this pollutant, where A = weight% ash content of lignite, wet basis. For example, if lignite is 3.4% ash, then A = 3.4.



## FOOTNOTES FOR APPENDIX A: UNCONTROLLED EMISSION FACTOR LISTING (CONTINUED)

17. To determine emission factor in lb/ton, multiply emission factor by wt% sulfur content of lignite, wet basis. For high sodium ash ( $\text{Na}_2\text{O} > 8\%$ ), use emission factor of 22 lb/ton/wt% sulfur. For low sodium ash ( $\text{Na}_2\text{O} < 2\%$ ), use 34 lb/ton/wt% sulfur.
18. For all criteria pollutants, except PM-condensable, the emission factor units are “Pounds per Tons Lignite Burned”; for PM-condensable, the emission factor unit is “Pounds per Million BTUs Heat Input.”
19. Where S = weight percent of sulfur content of lignite, wet basis.
20. Where S = wt. % of sulfur in oil.
21. Emission factor is for  $\text{SO}_2$ .
22. For Number 6 Oil,  $A = 1.12(S) + 0.37$ ; for No. 5 Oil,  $A = 1.2$ ; for No. 4,  $A = 0.84$ ; for No. 2 Oil,  $A = 0.24$ ; S = Sulfur Content weight percent.
23. For all criteria pollutants, except Lead, the emission factor units are “Pounds per 1000 Gallons Distillate Oil (No. 1 & 2) Burned”; for Lead, the emission factor unit is “Pounds per million BTUs Heat Input.”
24. For all criteria pollutants, except PM, filterable and  $\text{PM}_{10}$ , the emission factor units are “Pounds per 1,000 Gallons of Distillate Oil (No. 4) Burned”; for PM, filterable and  $\text{PM}_{10}$ , the emission factor unit is “Pounds per 1,000 Gallons of Residual Oil Burned.”
25. For all criteria pollutants, except Lead, the emission factor units are “Pounds per Tons of Wood Waste Burned”; for Lead, the emission factor unit is “Pounds per Tons of Bark Burned.”
26. Where “S” is in  $\text{gr}/100 \text{ ft}^3$ .
27. Emission Factor is listed as “controlled” in FIRE 6.23; however, this control technology does not control this pollutant, and thus this factor is considered “uncontrolled.”
28. The emission factor unit for CO is “Pounds per Million BTUs of Heat Input”; the emission factor unit for Lead is “Pounds per Tons of Solid Waste Burned.”
29. For all criteria pollutants, except PM, filterable and  $\text{PM}_{10}$ , the emission factor units are “Pounds per Million Cubic Feet of Process Gas Burned”; for PM, filterable and  $\text{PM}_{10}$ , the emission factor unit is “Pounds per Million Cubic Feet of Natural Gas Burned.”
30. Where S = Sulfur content weight percent. Emission factors based on an average distillate oil heating value of 139 MMBtu/1000 gallons. To convert from (lb/MMBtu) to (lb/1000 gallons), multiply by 139.

## FOOTNOTES FOR APPENDIX A: UNCONTROLLED EMISSION FACTOR LISTING (CONTINUED)

31. Where S = Sulfur content weight percent. Emission factor based on an average natural gas heating value (HHV) of 1020 BTU/scf at 60 deg. F. To convert from (lb/MMBtu) to (lb/Million cubic feet), multiply by 1020.
32. Where S = percent sulfur in the fuel. Derived from emission factor intended for distillate oil-fired turbines.
33. Equation is  $0.000406 * S1 + 0.00957 * S2$ . Where S1 = Sulfur in fuel oil; S2 = Sulfur in natural gas.
34. For all criteria pollutants, except NO<sub>x</sub>, the emission factor units are "Pounds per Tons Carbon Black Produced"; for NO<sub>x</sub>, the emission factor unit is "Pounds per million BTUs Heat Input."
35. For all criteria pollutants, except PM, filterable, the emission factor units are "Pounds per Tons Raw Beets Processed"; for PM, filterable, the emission factor unit is "Pounds per Tons Pressed Wet Pulp Fed."
36. Equation is  $0.95Y + 0.195T_i - 0.51S - 0.86T_s + 1.90$ , where Y = initial baker's percent of yeast, T<sub>i</sub> = total yeast action time in hours. S = final (spike) baker's percent of yeast, and T<sub>s</sub> = spiking time in hours.
37. For all criteria pollutants, except PM, filterable, the emission factor units are "Pounds per Tons Material Produced"; for PM, filterable, the emission factor unit is "Pounds per Pounds Material Charged."
38. For SO<sub>x</sub>, PM<sub>10</sub>, and PM, filterable, the emission factor units are "Pounds per Tons Concentrated Ore Processed"; for Lead, the emission factor unit is "Pounds per Tons Lead Produced."
39. For all criteria pollutants, except PM, filterable, the emission factor units are "Pounds per Tons Metal Produced"; for PM, filterable, the emission factor unit is "Pounds per Metal Processed."
40. For PM, filterable and VOC, the emission factor units are "Pounds per Tons Coke-free Charge Processed"; for PM<sub>10</sub>, the emission factor is "Pounds per Tons Ore Processed."
41. For SO<sub>x</sub>, NO<sub>x</sub>, PM, filterable, and VOC, the emission factor units are "Pounds per Tons Metal Charged"; for PM<sub>10</sub>, the emission factor unit is "Pounds per Tons Metal Produced"; for Lead and CO, the emission factor units are "Pounds per Tons Gray Iron Produced."
42. For all criteria pollutants, except Lead, the emission factor units are "Pounds per Tons Metal Charged"; for Lead, the emission factor unit is "Pounds per Tons Gray Iron Produced."
43. For CO, VOC, Lead and NO<sub>x</sub>, the emission factor units are "Pounds per Tons Gray Iron Produced"; for PM<sub>10</sub>, the emission factor unit is "Pounds per Tons Metal Produced"; for SO<sub>x</sub> and PM, filterable, the emission factor units are "Pounds per Tons Metal Charged."

## FOOTNOTES FOR APPENDIX A: UNCONTROLLED EMISSION FACTOR LISTING (CONTINUED)

44. For PM, filterable, and VOC, the emission factor units are “Pounds per Tons Metal Charged”; for PM<sub>10</sub>, the emission factor unit is “Pounds per Tons Metal Produced.”
45. For SO<sub>x</sub>, NO<sub>x</sub>, CO, PM<sub>10</sub>, the emission factor units are “Pounds per Tons Metal Charged”; for Lead and PM, filterable, the emission factor units are “Pounds per Tons Metal Produced.”
46. For SO<sub>x</sub>, NO<sub>x</sub>, PM<sub>10</sub>, the emission factor units are “Pounds per Tons Metal Charged”; for PM, filterable and Lead, the emission factor unit is “Pounds per Tons Metal Produced”; for CO, the emission factor unit is “Pounds per Tons Lead Produced.”
47. For PM, filterable and PM<sub>10</sub>, the emission factor units are “Pounds per Tons of Metal Charged”; for Lead, the emission factor unit is “Pounds per Tons of Metal Produced.”
48. For PM, filterable, and Lead, the emission factor units are “Pounds per Tons Lead Produced”; for PM<sub>10</sub>, the emission factor unit is “Pounds per Tons Metal Charged.”
49. For all criteria pollutants, except PM, filterable, the emission factor units are “Pounds per Tons Material Produced”; for PM, filterable, the emission factor unit is “Pounds per Tons Zinc Used.”
50. For VOC, NO<sub>x</sub>, and PM<sub>10</sub>, the emission factor units are “Pounds per Tons Material Produced”; for PM, filterable, and SO<sub>x</sub>, the emission factor units are “Pounds per Tons Feed Material Processed.”
51. For VOC and PM<sub>10</sub>, the emission factor units are “Pounds per Tons Scrap Processed”; for PM, filterable, the emission factor unit is “Pounds per Tons Material Produced.”
52. For NO<sub>x</sub> and CO, the emission factor units are “Pounds per Tons Clinker Produced”; for PM, filterable, PM<sub>10</sub>, SO<sub>x</sub>, and Lead, the emission factor units are “Pounds per Tons Cement Produced.”
53. For NO<sub>x</sub>, PM<sub>10</sub>, CO, and PM, filterable, the emission factor units are “Pounds per Tons Clinker Produced”; for SO<sub>x</sub> and Lead, the emission factor units are “Pounds per Tons Cement Produced.”
54. For facilities using raw material with a sulfur content greater than 0.07 percent. For facilities using raw material with a sulfur content of 0.07 percent or less, use 9.5 S pounds per ton. “S” = Weight percent of sulfur.
55. For PM, filterable, the emission factor unit is “Pounds per Tons Raw Material Processed”; for PM<sub>10</sub>, the emission factor unit is “Pounds per Tons Finished Product Produced.”
56. For SO<sub>x</sub>, the emission factor unit is “Pounds per Tons Wet Coal Dried”; for PM, filterable, the emission factor unit is “Pounds per Tons Coal Dried.”
57. For PM, filterable, the emission factor unit is “Pounds per 1,000 Tons Coal Dried”; for SO<sub>x</sub>, the emission factor unit is “Pounds per 1,000 Tons of Wet Coal Dried.”

## **FOOTNOTES FOR APPENDIX A: UNCONTROLLED EMISSION FACTOR LISTING (CONTINUED)**

58. For all criteria pollutants, except Lead, the emission factor units are “Pounds per 1000 Barrels Oil Burned”; for Lead, the emission factor unit is “Pounds per Million BTUs Heat Input.”
59. For all criteria pollutant, except CO, the emission factor units are “Pounds per Tons of Air-Dried Unbleached Pulp Produced”; for CO, the emission factor unit is “Pounds per Tons of Black Liquor Solid Burned.”
60. For all criteria pollutants, except Lead, the emission factor units are “Pounds per 1000 Gallons Crude Oil Burned”; for Lead, the emission factor unit is “Pounds per Million BTUs Heat Input.”
61. The PM, filterable emission factor unit is “Pounds per Each Vehicle Burned”; the VOC emission factor unit is “Pounds per Tons Material Burned.”

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**APPENDIX B**

**UNCONTROLLED  
PM<sub>2.5</sub> EMISSION FACTORS**

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**FOOTNOTES FOR APPENDIX B: UNCONTROLLED EMISSION  
FACTOR LISTING FOR PM<sub>2.5</sub>**

1. Where A = Ash weight percent of fuel, as fired. For example if ash weight of the fuel is 8.2% then A = 8.2.
2. Where A = weight % ash content of lignite, wet basis. For example, if lignite is 3.4% ash, then A = 3.4.
3. Where S = Weight% sulfur content in the fuel. (Factor is derived: 52% of the PM, filterable factor.)
4. For Number 6 Oil,  $A = 1.12(S) + 0.37$ ; for No. 5 Oil,  $A = 1.2$ ; for No. 4,  $A = 0.84$ ; for No. 2 Oil,  $A = 0.24$ ; S = Sulfur Content weight percent. (Factor is derived: 52% of the PM, filterable factor).



SCC	PROCESS NAME	PM2.5, filt. Lbs/Unit	UNITS
<b><u>EXTERNAL COMBUSTION BOILERS</u></b>			
<b><u>External Combustion Boilers - Electric Generation</u></b>			
<b><u>External Combustion Boilers: Electric Generation - Anthracite Coal - SIC 4911</u></b>			
1-01-001-01	Pulverized Coal	<sup>1</sup> 0.6A	Tons Anthracite Burned
<b><u>External Combustion Boilers: Electric Generation - Bituminous/Subbituminous Coal - SIC 4911</u></b>			
1-01-002-01	Pulverized Coal: Wet Bottom (Bituminous Coal)	<sup>1</sup> 1.48A	Tons Bituminous Coal Burned
1-01-002-02	Pulverized Coal: Dry Bottom (Bituminous Coal)	<sup>1</sup> 0.6A	Tons Bituminous Coal Burned
1-01-002-03	Cyclone Furnace (Bituminous Coal)	<sup>1</sup> 0.11A	Tons Bituminous Coal Burned
1-01-002-04	Spreader Stoker (Bituminous Coal)	4.6	Tons Bituminous Coal Burned
1-01-002-05	Traveling Grate (Overfeed) Stoker (Bituminous Coal)	2.2	Tons Bituminous Coal Burned
1-01-002-12	Pulverized Coal: Dry Bottom (Tangential) (Bituminous Coal)	<sup>1</sup> 0.6A	Tons Bituminous Coal Burned
<b><u>External Combustion Boilers: Electric Generation - Lignite - SIC 4911</u></b>			
1-01-003-01	Pulverized Coal: Dry Bottom, Wall Fired	<sup>2</sup> 0.79*(0.66A)	Tons Lignite Burned
1-01-003-02	Pulverized Coal: Dry Bottom, Tangential Fired	<sup>2</sup> 0.66A	Tons Lignite Burned
1-01-003-06	Spreader Stoker	<sup>2</sup> 0.56A	Tons Lignite Burned
<b><u>External Combustion Boilers: Electric Generation - Residual Oil - SIC 4911</u></b>			
1-01-004-01	Grade 6 Oil: Normal Firing	<sup>3</sup> 4.3*(1.12S + 0.37)	1000 Gallons Residual Oil Burned
1-01-004-04	Grade 6 Oil: Tangential Firing	<sup>3</sup> 4.3*(1.12S + 0.37)	1000 Gallons Residual Oil Burned
1-01-004-05	Grade 5 Oil: Normal Firing	<sup>4</sup> 4.3A	1000 Gallons Residual Oil Burned
1-01-004-06	Grade 5 Oil: Tangential Firing	<sup>4</sup> 4.3A	1000 Gallons Residual Oil Burned
<b><u>External Combustion Boilers: Electric Generation - Distillate Oil - SIC 4911</u></b>			
1-01-005-04	Grade 4 Oil: Normal Firing	<sup>4</sup> 4.3A	1000 Gallons Residual Oil Burned
1-01-005-05	Grade 4 Oil: Tangential Firing	3.6	1000 Gallons Residual Oil Burned
<b><u>External Combustion Boilers: Electric Generation - Wood/Bark Waste - SIC 4911</u></b>			
1-01-009-01	Bark-fired Boiler	10	Tons Wood Waste Burned
1-01-009-02	Wood/Bark Fired Boiler	5.47	Tons Wood/Bark Burned
<b><u>External Combustion Boilers - Industrial</u></b>			
<b><u>External Combustion Boilers: Industrial - Anthracite Coal - SIC 1000-3999</u></b>			
1-02-001-01	Pulverized Coal	<sup>1</sup> 0.6A	Tons Anthracite Burned
<b><u>External Combustion Boilers: Industrial - Bituminous/Subbituminous Coal - SIC 1000-3999</u></b>			
1-02-002-01	Pulverized Coal: Wet Bottom	1.48A	Tons Bituminous Coal Burned

SCC	PROCESS NAME	PM2.5, filt. Lbs/Unit	UNITS
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**External Combustion Boilers - Industrial**

**External Combustion Boilers: Industrial - Bituminous/Subbituminous Coal - SIC 1000-3999**

1-02-002-02	Pulverized Coal: Dry Bottom	<sup>1</sup> 0.6A	Tons Bituminous Coal Burned
1-02-002-03	Cyclone Furnace	<sup>1</sup> 0.11A	Tons Bituminous Coal Burned
1-02-002-04	Spreader Stoker	4.6	Tons Bituminous Coal Burned
1-02-002-05	Overfeed Stoker	2.2	Tons Bituminous Coal Burned
1-02-002-06	Underfeed Stoker	3.8	Tons Bituminous Coal Burned
1-02-002-12	Pulverized Coal: Dry Bottom (Tangential)	<sup>1</sup> 0.6A	Tons Bituminous Coal Burned

**External Combustion Boilers: Industrial - Residual Oil - SIC 1000-3999**

1-02-004-01	Grade 6 Oil	<sup>4</sup> 4.67A	1000 Gallons Residual Oil Burned
1-02-004-02	10-100 Million Btu/hr **	<sup>4</sup> 4.67A	1000 Gallons Residual Oil Burned
1-02-004-03	< 10 Million Btu/hr **	<sup>4</sup> 4.67A	1000 Gallons Residual Oil Burned
1-02-004-04	Grade 5 Oil	5.6	1000 Gallons Residual Oil Burned

**External Combustion Boilers: Industrial - Distillate Oil - SIC 1000-3999**

1-02-005-01	Grades 1 and 2 Oil	0.25	1000 Gallons Distillate Oil Burned
1-02-005-02	10-100 Million Btu/hr **	0.25	1000 Gallons Distillate Oil Burned
1-02-005-03	< 10 Million Btu/hr **	0.25	1000 Gallons Distillate Oil Burned
1-02-005-04	Grade 4 Oil	3.9	1000 Gallons Residual Oil Burned

**External Combustion Boilers: Industrial - Wood/Bark Waste - SIC 1000-3999**

1-02-009-01	Bark-fired Boiler (> 50,000 Lb Steam)	10	Tons Wood Waste Burned
1-02-009-02	Wood/Bark-fired Boiler (> 50,000 Lb Steam)	5.47	Tons Wood/Bark Burned
1-02-009-04	Bark-fired Boiler (< 50,000 Lb Steam)	10	Tons Wood Waste Burned
1-02-009-05	Wood/Bark-fired Boiler (< 50,000 Lb Steam)	5.47	Tons Wood/Bark Burned

**External Combustion Boilers - Commercial/Institutional**

**External Combustion Boilers: Commercial/Institutional - Anthracite Coal - SIC 4000-4899, 4920-9999**

1-03-001-01	Pulverized Coal	<sup>1</sup> 0.6A	Tons Anthracite Burned
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**External Combustion Boilers: Commercial/Institutional - Bituminous/Subbituminous Coal - SIC 4000-4899, 4920-9999**

1-03-002-03	Cyclone Furnace (Bituminous Coal)	<sup>1</sup> 0.11A	Tons Bituminous Coal Burned
1-03-002-05	Pulverized Coal: Wet Bottom (Bituminous Coal)	1.48A	Tons Bituminous Coal Burned
1-03-002-06	Pulverized Coal: Dry Bottom (Bituminous Coal)	<sup>1</sup> 0.6A	Tons Bituminous Coal Burned

SCC	PROCESS NAME	PM2.5, filt. Lbs/Unit	UNITS
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**External Combustion Boilers - Commercial/Institutional**

**External Combustion Boilers: Commercial/Institutional - Bituminous/Subbituminous Coal - SIC 4000-4899, 4920-9999**

1-03-002-07	Overfeed Stoker (Bituminous Coal)	2.2	Tons Bituminous Coal Burned
1-03-002-08	Underfeed Stoker (Bituminous Coal)	3.8	Tons Bituminous Coal Burned
1-03-002-09	Spreader Stoker (Bituminous Coal)	4.6	Tons Bituminous Coal Burned
1-03-002-16	Pulverized Coal: Dry Bottom (Tangential) (Bituminous Coal)	<sup>1</sup> 0.6A	Tons Bituminous Coal Burned

**External Combustion Boilers: Commercial/Institutional - Residual Oil - SIC 4000-4899, 4920-9999**

1-03-004-01	Grade 6 Oil	<sup>4</sup> 1.92A	1000 Gallons Residual Oil Burned
1-03-004-02	10-100 Million Btu/hr **	<sup>4</sup> 1.92A	1000 Gallons Residual Oil Burned
1-03-004-03	< 10 Million Btu/hr **	<sup>4</sup> 1.92A	1000 Gallons Residual Oil Burned
1-03-004-04	Grade 5 Oil	2.3	1000 Gallons Residual Oil Burned

**External Combustion Boilers: Commercial/Institutional - Distillate Oil - SIC 4000-4899, 4920-9999**

1-03-005-01	Grades 1 and 2 Oil	0.83	1000 Gallons Distillate Oil Burned
1-03-005-02	10-100 Million Btu/hr **	0.83	1000 Gallons Distillate Oil Burned
1-03-005-03	< 10 Million Btu/hr **	0.83	1000 Gallons Distillate Oil Burned
1-03-005-04	Grade 4 Oil	0.83	1000 Gallons Distillate Oil Burned

**External Combustion Boilers: Commercial/Institutional - Wood/Bark Waste - SIC 4000-4899, 4920-9999**

1-03-009-01	Bark-fired Boiler	10	Tons Wood Waste Burned
1-03-009-02	Wood/Bark-fired Boiler	5.47	Tons Wood/Bark Burned

SCC	PROCESS NAME	PM2.5, filt. Lbs/Unit	UNITS
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## **INTERNAL COMBUSTION ENGINES**

### **Internal Combustion Engines - Industrial**

#### **Internal Combustion Engines: Industrial - Distillate Oil (Diesel) - SIC 1000-3999**

2-02-001-02	Reciprocating	42.5	1000 Gallons Distillate Oil (Diesel) Burned
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#### **Internal Combustion Engines: Industrial - Natural Gas - SIC 1000-3999**

2-02-002-52	2-cycle Lean Burn	0.0384	Million Btus Fuel Input
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2-02-002-53	4-cycle Rich Burn	0.0095	Million Btus Fuel Input
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2-02-002-54	4-cycle Lean Burn	0.0000771	Million Btus Fuel Input
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#### **Internal Combustion Engines: Industrial - Large Bore Engine - SIC 1000-3999**

2-02-004-01	Diesel	6.5	1000 Gallons Diesel Burned
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### **Internal Combustion Engines - Commercial/Institutional**

#### **Internal Combustion Engines: Commercial/Institutional - Distillate Oil (Diesel) - SIC 4000-4899, 4920-9999**

2-03-001-01	Reciprocating	42.5	1000 Gallons Distillate Oil (Diesel) Burned
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#### **Internal Combustion Engines: Commercial/Institutional - Gasoline - SIC 4000-4899, 4920-9999**

2-03-003-01	Reciprocating	12.6	1000 Gallons Gasoline Burned
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SCC	PROCESS NAME	PM2.5, filt. Lbs/Unit	UNITS
<b><u>INDUSTRIAL PROCESSES</u></b>			
<b><u>Industrial Processes - Chemical Manufacturing</u></b>			
<b><u>Industrial Processes: Chemical Manufacturing - Ammonium Nitrate Production - SIC 2873</u></b>			
3-01-027-07	Rotary Drum Granulator	0.27	Tons Ammonium Nitrate Produced
3-01-027-22	Prilling Tower: Low Density	0.52	Tons Ammonium Nitrate Produced
3-01-027-24	Prilling Cooler: Low Density	0.015	Tons Ammonium Nitrate Produced
3-01-027-25	Prilling Dryer: Low Density	0.046	Tons Ammonium Nitrate Produced
3-01-027-29	Rotary Drum Granulator Coolers	0.0097	Tons Ammonium Nitrate Produced
<b><u>Industrial Processes: Chemical Manufacturing - Urea Production - SIC 2873</u></b>			
3-01-040-08	Non-fluidized Bed Prilling (Agricultural Grade)	3	Tons Urea Produced
3-01-040-09	Non-fluidized Bed Prilling (Feed Grade)	1.8	Tons Urea Produced
3-01-040-10	Fluidized Bed Prilling (Agricultural Grade)	2.7	Tons Urea Produced
3-01-040-11	Fluidized Bed Prilling (Feed Grade)	0.5	Tons Urea Produced
3-01-040-12	Rotary Drum Cooler	0.31	Tons Urea Produced
<b><u>Industrial Processes - Food and Agriculture</u></b>			
<b><u>Industrial Processes: Food and Agriculture - Grain Millings - SIC 2041</u></b>			
3-02-007-09	Barley Malting: Gas-fired Malt Kiln	0.075	Tons Grain Processed
<b><u>Industrial Processes: Food and Agriculture - Beer Production - SIC 2082</u></b>			
3-02-009-30	Brewers Grain Dryer: Natural Gas-fired	0.091	Tons Dried Grain Produced
3-02-009-32	Brewers Grain Dryer: Steam-heated	0.091	Tons Dried Grain Produced
<b><u>Industrial Processes: Food and Agriculture - Meat Smokehouses - SIC 2012, 2013</u></b>			
3-02-013-02	Batch Smokehouses: Smoking Cycle	23	Tons Sawdust Used
3-02-013-04	Continuous Smokehouse: Smoke Zone	66	Tons Sawdust Used
<b><u>Industrial Processes - Primary Metal Production</u></b>			
<b><u>Industrial Processes: Primary Metal Production - Aluminum Ore (Electro-reduction) - SIC 3334</u></b>			
3-03-001-02	Horizontal Stud Soderberg Cell	39.2	Tons Molten Aluminum Produced
3-03-001-08	Prebake: Fugitive Emissions	1.4	Tons Molten Aluminum Produced
3-03-001-09	H.S.S.: Fugitive Emissions	1.7	Tons Molten Aluminum Produced
<b><u>Industrial Processes: Primary Metal Production - By-product Coke Manufacturing - SIC 3312</u></b>			
3-03-003-03	Oven Pushing	0.19	Tons Coal Charged
3-03-003-04	Quenching	See App. C	

SCC	PROCESS NAME	PM2.5, filt. Lbs/Unit	UNITS
<b><u>Industrial Processes - Primary Metal Production</u></b>			
<b><u>Industrial Processes: Primary Metal Production - By-product Coke Manufacturing - SIC 3312</u></b>			
3-03-003-13	Coal Preheater	2.1	Tons Coal Charged
3-03-003-17	Combustion Stack: Coke Oven Gas (COG)	0.44	Tons Coal Charged
<b><u>Industrial Processes: Primary Metal Production - Ferroalloy, Open Furnace - SIC 3313</u></b>			
3-03-006-01	50% FeSi: Electric Smelting Furnace	40	Tons Material Produced
3-03-006-04	Silicon Metal: Electric Smelting Furnace	654	Tons Material Produced
3-03-006-05	Silicomanganese: Electric Smelting Furnace	125	Tons Material Produced
3-03-006-06	80% Ferromanganese	17	Tons Material Produced
3-03-006-07	80% Ferrochromium	99	Tons Material Produced
<b><u>Industrial Processes: Primary Metal Production - Iron Production (See 3-03-015 for Integrated Iron &amp; Steel MACT) - SIC</u></b>			
3-03-008-13	Windbox	0.56	Tons Material Produced
3-03-008-25	Cast House	0.14	Tons Material Produced
<b><u>Industrial Processes: Primary Metal Production - Steel Manufacturing (See 3-03-015 for Integrated Iron &amp; Steel MACT) -</u></b>			
3-03-009-01	Open Hearth Furnace: Stack	12.7	Tons Material Produced
3-03-009-13	Basic Oxygen Furnace: Open Hood-Stack	0.0044	Tons Material Produced
3-03-009-16	Charging: BOF	0.13	Tons Material Produced
3-03-009-17	Tapping: BOF	0.34	Tons Material Produced
<b><u>Industrial Processes - Secondary Metal Production</u></b>			
<b><u>Industrial Processes: Secondary Metal Production - Aluminum - SIC 3341, 3353, 3354, 3355, 3363, 3365</u></b>			
3-04-001-03	Smelting Furnace/Reverberatory	2.16	Tons Metal Produced
3-04-001-04	Fluxing: Chlorination	199	Tons Metal Processed
<b><u>Industrial Processes: Secondary Metal Production - Grey Iron Foundries - SIC 3321</u></b>			
3-04-003-01	Cupola	11.6	Tons Metal Produced
3-04-003-18	Pouring, Cooling	1	Tons Metal Produced
3-04-003-31	Casting Shakeout	1.34	Tons Metal Produced
<b><u>Industrial Processes - Mineral Products</u></b>			
<b><u>Industrial Processes: Mineral Products - Brick Manufacture - SIC 3251</u></b>			
3-05-003-10	Curing and Firing: Sawdust Fired Tunnel Kilns	0.16	Tons Brick Produced
3-05-003-13	Curing and Firing: Coal-fired Tunnel Kilns	0.28	Tons Brick Produced

SCC	PROCESS NAME	PM2.5, filt. Lbs/Unit	UNITS
<b><u>Industrial Processes - Mineral Products</u></b>			
<b><u>Industrial Processes: Mineral Products - Castable Refractory - SIC 3255</u></b>			
3-05-005-01	Fire Clay: Rotary Dryer	1.6	Tons Feed Material Fed
3-05-005-06	Fire Clay: Rotary Calciner	8.3	Tons Feed Material Fed
<b><u>Industrial Processes: Mineral Products - Cement Manufacturing (Wet Process) - SIC 3241</u></b>			
3-05-007-06	Kilns	9.1	Tons Clinker Produced
<b><u>Industrial Processes: Mineral Products - Coal Mining, Cleaning, and Material Handling (See 305310) - SIC 1111, 1221, 12</u></b>			
3-05-010-01	Fluidized Bed	3.8	Tons Wet Coal Dried
<b><u>Industrial Processes: Mineral Products - Glass Manufacture - SIC 3211, 3221, 3229</u></b>			
3-05-014-02	Container Glass: Melting Furnace	1.3	Tons Glass Produced
3-05-014-03	Flat Glass: Melting Furnace	1.8	Tons Glass Produced
3-05-014-04	Pressed and Blown Glass: Melting Furnace	16	Tons Glass Produced
<b><u>Industrial Processes: Mineral Products - Lime Manufacture - SIC 3274</u></b>			
3-05-016-18	Calcining: Coal-fired Rotary Kiln	4.9	Tons Lime Manufactured
3-05-016-20	Calcining: Coal- and Gas-fired Rotary Kiln	1.1	Tons Lime Manufactured
<b><u>Industrial Processes: Mineral Products - Clay processing: Kaolin - SIC multiple (See Appendix D)</u></b>			
3-05-041-41	Calcining, multiple hearth furnace	7.8	Tons Clay Produced
3-05-041-42	Calcining, flash calciner	280	Tons Clay Produced
<b><u>Industrial Processes: Mineral Products - Clay processing: Fire clay - SIC multiple (See Appendix D)</u></b>			
3-05-043-30	Drying, rotary dryer	1.6	Tons Clay Processed
3-05-043-40	Calcining, rotary calciner	8.3	Tons Clay Processed
<b><u>Industrial Processes: Mineral Products - Clay processing: Bentonite - SIC multiple (See Appendix D)</u></b>			
3-05-044-30	Drying, rotary dryer	2	Tons Clay Produced
<b><u>Industrial Processes - Pulp and Paper and Wood Products</u></b>			
<b><u>Industrial Processes: Pulp and Paper and Wood Products - Sulfate (Kraft) Pulping - SIC 2611, 2621, 2631</u></b>			
3-07-001-04	Recovery Furnace/Direct Contact Evaporator	150	Tons Air-Dried Unbleached Pulp Produced
3-07-001-05	Smelt Dissolving Tank	5.1	Tons Air-Dried Unbleached Pulp Produced
3-07-001-06	Lime Kiln	5.9	Tons Air-Dried Unbleached Pulp Produced
3-07-001-10	Recovery Furnace/Indirect Contact Evaporator	180	Tons Air-Dried Unbleached Pulp Produced

SCC	PROCESS NAME	PM2.5, filt. Lbs/Unit	UNITS
<b><u>WASTE DISPOSAL</u></b>			
<b><u>Waste Disposal - Solid Waste Disposal - Government</u></b>			
<b><u>Waste Disposal: Solid Waste Disposal - Government - Other Incineration - SIC 4953</u></b>			
5-01-005-15	Sludge: Multiple Hearth	2.2	Tons Dried Sludge Fed
5-01-005-17	Sludge: Electric Infrared	2	Tons Dried Sludge Fed
<b><u>Waste Disposal - Solid Waste Disposal - Commercial/Institutional</u></b>			
<b><u>Waste Disposal: Solid Waste Disposal - Commercial/Institutional - Incineration: Special Purpose - SIC 4900</u></b>			
5-02-005-01	Med Waste Controlled Air Incin-aka Starved air, 2-stg, or Modular comb	2.022	Tons Medical Waste Burned



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# **APPENDIX C**

## **SCCs WITH MULTIPLE EMISSION FACTORS**

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**SCCs With Multiple Emission Factors**

**1-01-002-02 External Combustion Boilers - Electric Generation - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom (Bituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
12	Lb per Tons of Bituminous Coal Burned	Factor is for Post-NSPS boilers.
22	Lb per Tons of Bituminous Coal Burned	Factor is for Pre-NSPS boilers.

**1-01-002-12 External Combustion Boilers - Electric Generation - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom (Tangential) (Bituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
10	Lb per Tons of Bituminous Coal Burned	Factor is for Post-NSPS boilers.
15	Lb per Tons of Bituminous Coal Burned	Factor is for Pre-NSPS boilers.

**1-01-002-22 External Combustion Boilers - Electric Generation - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom (Subbituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
12	Lb per Tons of Subbituminous Coal Burned	Factor is for Pre-NSPS boilers.
7.4	Lb per Tons of Subbituminous Coal Burned	Factor is for Post-NSPS boilers.

**1-01-002-26 External Combustion Boilers - Electric Generation - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom Tangential (Subbituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
7.2	Lb per Tons of Subbituminous Coal Burned	Factor is for Post-NSPS boilers.
8.4	Lb per Tons of Subbituminous Coal Burned	Factor is for Pre-NSPS boilers.

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**SCCs With Multiple Emission Factors**

**1-01-003-01 External Combustion Boilers - Electric Generation - Lignite - Pulverized Coal: Dry Bottom, Wall Fired**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
13	Lb per Tons of Lignite Burned	Pre-NSPS
6.3	Lb per Tons of Lignite Burned	NSPS

**1-01-006-01 External Combustion Boilers - Electric Generation - Natural Gas - Boilers > 100 Million Btu/hr except Tangential**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
190	Lb per Million Cubic Feet of Natural Gas Burned	Factor is for a Post-NSPS boiler.
280	Lb per Million Cubic Feet of Natural Gas Burned	Factor is for a Pre-NSPS boiler.

**1-02-002-02 External Combustion Boilers - Industrial - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
12	Lb per Tons of Bituminous Coal Burned	Factor is for Post-NSPS boilers.
22	Lb per Tons of Bituminous Coal Burned	Factor is for Pre-NSPS boilers.

**1-02-002-12 External Combustion Boilers - Industrial - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom (Tangential)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
10	Lb per Tons of Bituminous Coal Burned	Factor is for Post-NSPS boilers.
15	Lb per Tons of Bituminous Coal Burned	Factor is for Pre-NSPS boilers.

**SCCs With Multiple Emission Factors**

**1-02-002-22 External Combustion Boilers - Industrial - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom (Subbituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
12	Lb per Tons of Subbituminous Coal Burned	Factor is for Pre-NSPS boilers.
7.4	Lb per Tons of Subbituminous Coal Burned	Factor is for Post-NSPS boilers.

**1-02-002-26 External Combustion Boilers - Industrial - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom Tangential (Subbituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
7.2	Lb per Tons of Subbituminous Coal Burned	Factor is for Post-NSPS boilers.
8.4	Lb per Tons of Subbituminous Coal Burned	Factor is for Pre-NSPS boilers.

**1-02-006-01 External Combustion Boilers - Industrial - Natural Gas - > 100 Million Btu/hr**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
190	Lb per Million Cubic Feet of Natural Gas Burned	Factor is for a Post-NSPS boiler.
280	Lb per Million Cubic Feet of Natural Gas Burned	Factor is for a Pre-NSPS boiler.

**1-03-002-06 External Combustion Boilers - Commercial/Institutional - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom (Bituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
12	Lb per Tons of Bituminous Coal Burned	Factor is for Post-NSPS boilers.
22	Lb per Tons of Bituminous Coal Burned	Factor is for Pre-NSPS boilers.

**1-03-002-16 External Combustion Boilers - Commercial/Institutional - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom (Tangential) (Bituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
10	Lb per Tons of Bituminous Coal Burned	Factor is for Post-NSPS boilers.
15	Lb per Tons of Bituminous Coal Burned	Factor is for Pre-NSPS boilers.

**SCCs With Multiple Emission Factors**

**1-03-002-22 External Combustion Boilers - Commercial/Institutional - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom (Subbituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
12	Lb per Tons of Subbituminous Coal Burned	Factor is for Pre-NSPS boilers.
7.4	Lb per Tons of Subbituminous Coal Burned	Factor is for Post-NSPS boilers.

**1-03-002-26 External Combustion Boilers - Commercial/Institutional - Bituminous/Subbituminous Coal - Pulverized Coal: Dry Bottom Tangential (Subbituminous Coal)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
7.2	Lb per Tons of Subbituminous Coal Burned	Factor is for Post-NSPS boilers.
8.4	Lb per Tons of Subbituminous Coal Burned	Factor is for Pre-NSPS boilers.

**1-03-006-01 External Combustion Boilers - Commercial/Institutional - Natural Gas - > 100 Million Btu/hr**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
190	Lb per Million Cubic Feet of Natural Gas Burned	Factor is for a Post-NSPS boiler.
280	Lb per Million Cubic Feet of Natural Gas Burned	Factor is for a Pre-NSPS boiler.

**2-02-002-52 Internal Combustion Engines - Industrial - Natural Gas - 2-cycle Lean Burn**

**Carbon monoxide**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.353	Lb per Million Btus of Fuel Input	<90% load.
0.386	Lb per Million Btus of Fuel Input	90% - 105% load.

**2-02-002-52 Internal Combustion Engines - Industrial - Natural Gas - 2-cycle Lean Burn**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
1.94	Lb per Million Btus of Fuel Input	<90% load
3.17	Lb per Million Btus of Fuel Input	90% - 105% load

*SCCs With Multiple Emission Factors*

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**2-02-002-53 Internal Combustion Engines - Industrial - Natural Gas - 4-cycle Rich Burn**

**Carbon monoxide**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
3.51	Lb per Million Btus of Fuel Input	<90% load
3.72	Lb per Million Btus of Fuel Input	90% - 105% load

**2-02-002-53 Internal Combustion Engines - Industrial - Natural Gas - 4-cycle Rich Burn**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
2.21	Lb per Million Btus of Fuel Input	90% - 105% load
2.27	Lb per Million Btus of Fuel Input	<90% load

**2-02-002-54 Internal Combustion Engines - Industrial - Natural Gas - 4-cycle Lean Burn**

**Carbon monoxide**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.317	Lb per Million Btus of Fuel Input	90% - 105% load
0.557	Lb per Million Btus of Fuel Input	<90% load

**2-02-002-54 Internal Combustion Engines - Industrial - Natural Gas - 4-cycle Lean Burn**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
4.08	Lb per Million Btus of Fuel Input	90% - 105% load
0.847	Lb per Million Btus of Fuel Input	<90% load

**3-01-013-02 Industrial Processes - Chemical Manufacturing - Nitric Acid - Absorber Tail Gas (Post-1970 Facilities)**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
10	Lb per Tons of Pure Acid Produced	High strength acid plant
57	Lb per Tons of Pure Acid Produced	Weak acid plant



**SCCs With Multiple Emission Factors**

**3-01-018-17 Industrial Processes - Chemical Manufacturing - Plastics Production - General**

**Volatile organic compounds (VOC)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.1	Lb per Tons of Product Produced	Continuous Process Polystyrene. Styrene recovery unit condenser vent. Emission factor is for plants using vacuum pumps.
0.1	Lb per Tons of Product Produced	Continuous Process Polystyrene. Devolatilizer condenser vent. Emission factor is for plants using vacuum pumps.
0.106	Lb per Tons of Product Produced	In-situ Process Expandable Polystyrene. Holding tank vents.
10.74	Lb per Tons of Product Produced	In-situ Process Expandable Polystyrene. Entire Plant.
1.2 - 5	Lb per Tons of Product Produced	Batch Process Polystyrene. Entire plant.
0.014	Lb per Tons of Product Produced	Continuous Process Polystyrene. Other storage, high impact polystyrene.
0.16	Lb per Tons of Product Produced	Continuous Process Polystyrene. Styrene monomer storage.
0.016	Lb per Tons of Product Produced	In-situ Process Expandable Polystyrene. Product improvement vents.
0.016	Lb per Tons of Product Produced	Continuous Process Polystyrene. Dissolvers.
0.016	Lb per Tons of Product Produced	Continuous Process Polystyrene. Other storage, general purpose polystyrene.
0.18	Lb per Tons of Product Produced	Batch Process Polystyrene. Monomer storage and feed dissolver tanks. Emission factor is based on fixed roof design.
0.02	Lb per Tons of Product Produced	Continuous Process Polystyrene. Extruder quench vent. For plants using vacuum pumps.

## SCCs With Multiple Emission Factors

### Volatil organic compounds (VOC)

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.002	Lb per Tons of Product Produced	Continuous Process Polystyrene. Additives storage, high impact polystyrene.
0.002	Lb per Tons of Product Produced	Continuous Process Polystyrene. Ethylbenzene storage.
2.18	Lb per Tons of Product Produced	In-situ Process Expandable Polystyrene. Reactor vents.
0.24 - 2.7	Lb per Tons of Product Produced	Batch Process Polystyrene. Reactor vent drum vent. The higher factor is more likely during the manufacture of lower molecular weight products. Factor for any given process train will change with product grade.
0.26	Lb per Tons of Product Produced	Continuous Process Polystyrene. Styrene recovery unit condenser vent. Emission factor is for plants using steam jets.
0.26	Lb per Tons of Product Produced	In-situ Process Expandable Polystyrene. Mix tank vents.
2.6	Lb per Tons of Product Produced	In-situ Process Expandable Polystyrene. Storage vents and conveying loses.
0.3	Lb per Tons of Product Produced	Continuous Process Polystyrene. Extruder quench vent. For plants using steam jets.
0.3 - 0.6	Lb per Tons of Product Produced	Batch Process Polystyrene. Extruder quench vent. The higher factor is more likely during the manufacture of lower molecular weight products. Factor for any given process train will change with product grade.
0.004	Lb per Tons of Product Produced	Continuous Process Polystyrene. Additives storage, general purpose polystyrene.
0.004	Lb per Tons of Product Produced	Batch Process Polystyrene. Devolatilizer condensate tanks. Emission factor is based on fixed roof design.
0.42	Lb per Tons of Product Produced	Continuous Process Polystyrene. Entire plant. Emission factor is for plants using vacuum pumps.

### SCCs With Multiple Emission Factors

#### Volatil organic compounds (VOC)

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.046	Lb per Tons of Product Produced	In-situ Process Expandable Polystyrene. Wash tank vents.
0.048 - 0.6	Lb per Tons of Product Produced	Continuous Process Polystyrene. Vacuum system. Lower value based on facility using refrigerated condensers as well as conventional cooling water exchangers; vacuum pumps in use. Higher value for facility using vacuum pumps.
0.5 - 1.5	Lb per Tons of Product Produced	Batch Process Polystyrene. Devolatilizer condenser vent. The higher factor is more likely during the manufacture of lower molecular weight products. Factor for any given process train will change with product grade.
5.54	Lb per Tons of Product Produced	In-situ Process Expandable Polystyrene. Dryer vents.
5.92	Lb per Tons of Product Produced	Continuous Process Polystyrene. Devolatilizer condenser vent. Emission factor is for plants using steam jets.
6.68	Lb per Tons of Product Produced	Continuous Process Polystyrene. Entire plant. Emission factor is for plants using steam jets.

### 3-01-018-99 Industrial Processes - Chemical Manufacturing - Plastics Production - Others Not Specified

#### PM, filterable

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.33	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT). Storage of DMT.
0.34	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT). Total Plant.

### 3-01-018-99 Industrial Processes - Chemical Manufacturing - Plastics Production - Others Not Specified

#### Volatil organic compounds (VOC)

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.01	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT) or from terephthalic acid (TPA). Prepolymerizer reactor vacuum system.

## SCCs With Multiple Emission Factors

### Volatile organic compounds (VOC)

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.001	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT) or from terephthalic acid (TPA). Ethylene glycol recovery vacuum system.
1.46 - 7.8	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT). Entire plant. Lower value of range reflects emissions where spray condensers are used off the prepolymerizers and the polymerization reactors. Upper value reflects emissions where condensers are not used.
0.018	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT) or from terephthalic acid (TPA). Prepolymerizer vacuum system.
0.0018	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT) or from terephthalic acid (TPA). Ethylene glycol process tanks.
0.2	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT) or from terephthalic acid (TPA). Raw material storage.
0.02	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT). Ethylene glycol recovery condenser.
0.4 - 6.8	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT). Cooling Tower. Lower end of range reflects emissions where spray condensers are used off the prepolymerizers and the polymerization reactors; upper value reflects emissions where condensers were not used.
0.04	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT). Sludge storage and handling.
0.6	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from dimethyl terephthalate (DMT). Methanol recovery system.
0.72 - 7.2	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from terephthalic acid (TPA). Entire process. Lower value reflects emissions where spray condensers are used off all prepolymerizers and polymerizations reactors. Upper value reflects emissions where spray condensers are not used.
0.08	Lb per Tons of Product Produced	Poly(ethylene terephthalate) (PET) production from terephthalic acid (TPA). Esterification.

### *SCCs With Multiple Emission Factors*

#### ***3-01-024-02 Industrial Processes - Chemical Manufacturing - Synthetic Organic Fiber Manufacturing - Polyesters: Staple***

##### **Volatile organic compounds (VOC)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.1	Lb per Tons of Fiber Produced	Polyester, melt spun, yarn. Emissions are in aerosol form.
1.2	Lb per Tons of Fiber Produced	Polyester, melt spun, staple. Emissions are in aerosol form.

#### ***3-01-024-10 Industrial Processes - Chemical Manufacturing - Synthetic Organic Fiber Manufacturing - Acrylic: Uncontrolled***

##### **Volatile organic compounds (VOC)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
13.5	Lb per Tons of Product Produced	Acrylic and modacrylic wet spun After solvent recovery from the spinning, washing, and drawing up stages.
250	Lb per Tons of Product Produced	Modacrylic, dry spun
41.4	Lb per Tons of Product Produced	Acrylic, inorganic wet spun, homopolymer
5.5	Lb per Tons of Product Produced	Acrylic, inorganic wet spun, copolymer
80	Lb per Tons of Product Produced	Acrylic, dry spun

#### ***3-01-024-99 Industrial Processes - Chemical Manufacturing - Synthetic Organic Fiber Manufacturing - Other Not Classified***

##### **PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
1	Lb per Tons of Material Produced	Nylon 66, melt spun For plants with spinning equipment cleaning operations.
0.02	Lb per Tons of Material Produced	Nylon 6, melt spun, staple
0.02	Lb per Tons of Material Produced	Polyolefin, melt spun

**SCCs With Multiple Emission Factors**

**3-01-024-99 Industrial Processes - Chemical Manufacturing - Synthetic Organic Fiber Manufacturing - Other Not Classified**

**Volatile organic compounds (VOC)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
10	Lb per Tons of Material Produced	Polyolefin, melt spun
224	Lb per Tons of Material Produced	Cellulose acetate filter tow
300	Lb per Tons of Material Produced	Vinyon, dry spun After recovery from spin cells.
398	Lb per Tons of Material Produced	Cellulose acetate and triacetate filament yarn
4.26	Lb per Tons of Material Produced	Nylon 66, melt spun
7.86	Lb per Tons of Material Produced	Nylon 6, melt spun, staple
8.46	Lb per Tons of Material Produced	Spandex, dry spun After recovery from spin cells.
0.9	Lb per Tons of Material Produced	Nylon 6, melt spun, yarn After recovery of emissions from the spin cells.

**3-01-900-99 Industrial Processes - Chemical Manufacturing - Fuel Fired Equipment - Specify in Comments Field**

**Carbon monoxide**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
245	Lb per Tons of Carbon Black Produced	Carbon black manufacture, oil furnace process.
0.37	Lb per Million Btus of Heat Input	Industrial flares. Emission factor based on tests using crude propylene containing 80% propylene and 20% propane.

**3-01-900-99 Industrial Processes - Chemical Manufacturing - Fuel Fired Equipment - Specify in Comments Field**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0 - 27.4	Lb per Million Btus of Heat Input	Industrial flares. Emission factor based on tests using crude propylene containing 80% propylene and 20% propane. Measured as "soot".
2.7	Lb per Tons of Carbon Black Produced	Carbon black manufacture, oil furnace process.

*SCCs With Multiple Emission Factors*

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**3-02-007-11 Industrial Processes - Food and Agriculture - Grain Millings - Durum Milling: Grain Receiving**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.18	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.032	Lb per Tons of Grain Received	Grain receiving - Railcar
0.035	Lb per Tons of Grain Received	Grain receiving - Hopper truck

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**3-02-007-11 Industrial Processes - Food and Agriculture - Grain Millings - Durum Milling: Grain Receiving**

**PM10, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.059	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.0078	Lb per Tons of Grain Received	Grain receiving - Railcar
0.0078	Lb per Tons of Grain Received	Grain receiving - Hopper truck

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**3-02-007-21 Industrial Processes - Food and Agriculture - Grain Millings - Rye: Grain Receiving**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.18	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.032	Lb per Tons of Grain Received	Grain receiving - Railcar
0.035	Lb per Tons of Grain Received	Grain receiving - Hopper truck

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**3-02-007-21 Industrial Processes - Food and Agriculture - Grain Millings - Rye: Grain Receiving**

**PM10, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.059	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.0078	Lb per Tons of Grain Received	Grain receiving - Railcar
0.0078	Lb per Tons of Grain Received	Grain receiving - Hopper truck

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*SCCs With Multiple Emission Factors*

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**3-02-007-31 Industrial Processes - Food and Agriculture - Grain Millings - Wheat: Grain Receiving**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.18	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.032	Lb per Tons of Grain Received	Grain receiving - Railcar
0.035	Lb per Tons of Grain Received	Grain receiving - Hopper truck

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**3-02-007-31 Industrial Processes - Food and Agriculture - Grain Millings - Wheat: Grain Receiving**

**PM10, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.059	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.0078	Lb per Tons of Grain Received	Grain receiving - Hopper truck
0.0078	Lb per Tons of Grain Received	Grain receiving - Railcar

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**3-02-007-41 Industrial Processes - Food and Agriculture - Grain Millings - Dry Corn Milling: Grain Receiving**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.18	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.032	Lb per Tons of Grain Received	Grain receiving - Railcar
0.035	Lb per Tons of Grain Received	Grain receiving - Hopper truck

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**3-02-007-41 Industrial Processes - Food and Agriculture - Grain Millings - Dry Corn Milling: Grain Receiving**

**PM10, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.059	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.0078	Lb per Tons of Grain Received	Grain receiving - Railcar
0.0078	Lb per Tons of Grain Received	Grain receiving - Hopper truck

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*SCCs With Multiple Emission Factors*

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**3-02-007-42 Industrial Processes - Food and Agriculture - Grain Millings - Dry Corn Milling: Grain Drying**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.22	Lb per Tons of Grain Processed	Column dryer
3	Lb per Tons of Grain Processed	Rack dryer

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**3-02-007-42 Industrial Processes - Food and Agriculture - Grain Millings - Dry Corn Milling: Grain Drying**

**PM10, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.055	Lb per Tons of Grain Processed	Column dryer
0.75	Lb per Tons of Grain Processed	Rack dryer

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**3-02-007-60 Industrial Processes - Food and Agriculture - Grain Millings - Oat: General**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.18	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.032	Lb per Tons of Grain Received	Grain receiving - Railcar
0.035	Lb per Tons of Grain Received	Grain receiving - Hopper truck

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**3-02-007-60 Industrial Processes - Food and Agriculture - Grain Millings - Oat: General**

**PM10, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.059	Lb per Tons of Grain Received	Grain receiving - Straight truck
0.0078	Lb per Tons of Grain Received	Grain receiving - Hopper truck
0.0078	Lb per Tons of Grain Received	Grain receiving - Railcar

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***SCCs With Multiple Emission Factor***

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***3-03-003-04 Industrial Processes - Primary Metal Production - By-product Coke Manufacturing - Quenching***

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
1.13	Lb per Tons of Coke Produced	Quenching was done using clean water.
1.3	Lb per Tons of Coke Produced	The emission factor was derived during quenching with baffles using dirty water.
5.24	Lb per Tons of Coke Produced	Quenching was done using dirty water.
0.54	Lb per Tons of Coke Produced	The emission factor was derived during quenching with baffles using clean water.

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***3-03-003-04 Industrial Processes - Primary Metal Production - By-product Coke Manufacturing - Quenching***

**PM10, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
1.2	Lb per Tons of Material Processed	Dirty water.
0.34	Lb per Tons of Material Processed	Clean water.

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***3-03-003-17 Industrial Processes - Primary Metal Production - By-product Coke Manufacturing - Combustion Stack: Coke Oven Gas (COG)***

**Sulfur oxides (SOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.28	Lb per Tons of Coke Produced	Desulfurized COG combustion stack.
4	Lb per Tons of Coke Produced	Raw COG combustion stack.

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***3-03-006-01 Industrial Processes - Primary Metal Production - Ferroalloy, Open Furnace - 50% FeSi: Electric Smelting Furnace***

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
70	Lb per Tons of Material Produced	Open furnace. Includes fumes captured by tapping hood (efficiency estimated at near 100%).
92	Lb per Tons of Material Produced	Covered furnace.

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**SCCs With Multiple Emission Factors**

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**3-03-006-02 Industrial Processes - Primary Metal Production - Ferroalloy, Open Furnace - 75% FeSi: Electric Smelting Furnace**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
206	Lb per Tons of Material Produced	Covered furnace. Does not include emissions from tapping or mix seal leaks.
316	Lb per Tons of Material Produced	Open furnace.

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**3-03-007-01 Industrial Processes - Primary Metal Production - Semi-covered Furnace - Ferromanganese: Electric Arc Furnace**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
12	Lb per Tons of Material Produced	Covered furnace. Includes tapping fumes and mix seal leak fugitive emissions. Fugitive emissions measured at 33% of total uncontrollable emissions.
74	Lb per Tons of Material Produced	Sealed furnace. Assumes tapping not included in emission factor.

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**3-03-023-51 Industrial Processes - Primary Metal Production - Taconite Iron Ore Processing - Induration: Grate/Kiln, Gas-fired, Acid Pellets**

**Volatile organic compounds (VOC)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.0037	Lb per Tons of Pellets Produced	Based on Method 25A data.
0.075	Lb per Tons of Pellets Produced	Based on Method 25 data.

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**3-03-023-52 Industrial Processes - Primary Metal Production - Taconite Iron Ore Processing - Induration: Grate/Kiln, Gas-fired, Flux Pellets**

**Volatile organic compounds (VOC)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.0037	Lb per Tons of Pellets Produced	Based on Method 25A data.
0.075	Lb per Tons of Pellets Produced	Based on Method 25 data.

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**SCCs With Multiple Emission Factors**

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**3-03-024-04 Industrial Processes - Primary Metal Production - Metal Mining (General Processes) - Material Handling: Low Moisture Ore**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
1.1	Lb per Tons of Ore Processed	Bauxite/alumina. Based on weight of material transferred.
0.12	Lb per Tons of Ore Processed	All minerals except bauxite. Based on weight of material transferred.

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**3-04-003-01 Industrial Processes - Secondary Metal Production - Grey Iron Foundries - Cupola**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
11.55	Lb per Tons of Metal Charged	Confidential Report No. ERC-116
13.8	Lb per Tons of Metal Charged	EPA. September 1985. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition with Supplements A, B, and C, AP-42.

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**3-05-003-02 Industrial Processes - Mineral Products - Brick Manufacture - Raw Material Grinding & Screening**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.025	Lb per Tons of Raw Material Processed	Processing wet material.
8.5	Lb per Tons of Raw Material Processed	Processing dry material.

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**3-05-003-02 Industrial Processes - Mineral Products - Brick Manufacture - Raw Material Grinding & Screening**

**PM10, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.0023	Lb per Tons of Raw Material Processed	Processing wet material.
0.53	Lb per Tons of Raw Material Processed	Processing dry material.

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**SCCs With Multiple Emission Factors**

**3-05-012-04 Industrial Processes - Mineral Products - Fiberglass Manufacturing - Forming: Rotary Spun (Wool-type Fiber)**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
36.21	Lb per Tons of Fiber Produced	R-19.
39.21	Lb per Tons of Fiber Produced	R-11.
55.42	Lb per Tons of Fiber Produced	Ductboard.
9.81	Lb per Tons of Fiber Produced	Heavy density.

**5-01-005-08 Waste Disposal - Solid Waste Disposal - Government - Other Incineration - Conical Design (Tee Pee) Wood Refuse**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
1	Lb per Tons of Wood Refuse Burned	Satisfactory operation: properly maintained burner with adjustable underfire air supply and adjustable, tangential overfire air inlets, approximately 500% excess air and 700 degrees F exit gas temperature. Moisture content as fired is approximately 50% for wood waste.
20	Lb per Tons of Wood Refuse Burned	Very unsatisfactory operation: improperly maintained burner with radial overfire air supply near bottom of shell and many gaping holes in shell, approximately 1500% excess air and 400 degrees F exit gas temperature. Moisture content as fired is approximately 50% for wood waste.
7	Lb per Tons of Wood Refuse Burned	Unsatisfactory operation: properly maintained burner with radial overfire air supply near bottom of shell, approximately 1200% excess air and 400 degrees F exit gas temperature. Moisture content as fired is approximately 50% for wood waste.

**SCCs With Multiple Emission Factors**

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**5-03-002-03 Waste Disposal - Solid Waste Disposal - Industrial - Open Burning - Auto Body Components**

**Carbon monoxide**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
125	Lb per Tons of Material Burned	From AP-42 Section 2.5 Open Burning
2.5	Lb per Each of Vehicle Burned	From AP-42 Section 2.6 Automobile Body Incineration.

**5-03-002-03 Waste Disposal - Solid Waste Disposal - Industrial - Open Burning - Auto Body Components**

**Lead**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.0002	Lb per Tons of Material Burned	Shredded automobile tires.
0.00067	Lb per Tons of Material Burned	Chunk automobile tires.

**5-03-002-03 Waste Disposal - Solid Waste Disposal - Industrial - Open Burning - Auto Body Components**

**Nitrogen oxides (NOx)**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
0.1	Lb per Each of Vehicle Burned	From AP-42 Section 2.6 Automobile Body Incineration
4	Lb per Tons of Material Burned	From AP-42 Section 2.5 Open Burning

**5-03-002-03 Waste Disposal - Solid Waste Disposal - Industrial - Open Burning - Auto Body Components**

**PM, filterable**

Emission Factor	Emission Factor Units	Reason for SCC-Pollutant Duplicate
100	Lb per Tons of Material Burned	From AP-42 Section 2.5 Open Burning
2	Lb per Each of Vehicle Burned	From AP-42 Section 2.6 Automobile Body Incineration

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**APPENDIX D**

**SCCs WITH MULTIPLE  
SIC LINKINGS**



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The following pages list six-digit SCCs that link to multiple SIC Codes; these could not be listed in Appendix A due to space limitations

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
3-05-041	<i>Industrial Processes: Mineral Products - Clay processing: Kaolin</i>		3-05-044	<i>Industrial Processes: Mineral Products - Clay processing: Bentonite</i>	
	1450	Clay, Ceramic, & Refractory Minerals		1450	Clay, Ceramic, & Refractory Minerals
	1455	Kaolin And Ball Clay		1459	Clay And Related Minerals, Nec
	1459	Clay And Related Minerals, Nec		3200	Stone, Clay, And Glass Products
	3200	Stone, Clay, And Glass Products		3250	Structural Clay Products
	3250	Structural Clay Products		3251	Brick And Structural Clay Tile
	3251	Brick And Structural Clay Tile		3253	Ceramic Wall And Floor Tile
	3253	Ceramic Wall And Floor Tile		3255	Clay Refractories
	3255	Clay Refractories		3259	Structural Clay Products, Nec
	3259	Structural Clay Products, Nec		3260	Pottery And Related Products
	3260	Pottery And Related Products		3261	Vitreous Plumbing Fixtures
	3261	Vitreous Plumbing Fixtures		3262	Vitreous China Table & Kitchenware
	3262	Vitreous China Table & Kitchenware		3263	Semivitreous Table & Kitchenware
	3263	Semivitreous Table & Kitchenware		3264	Porcelain Electrical Supplies
	3264	Porcelain Electrical Supplies		3269	Pottery Products, Nec
	3269	Pottery Products, Nec			
3-05-042	<i>Industrial Processes: Mineral Products - Clay processing: Ball clay</i>		3-05-045	<i>Industrial Processes: Mineral Products - Clay processing: Fuller's earth</i>	
	1450	Clay, Ceramic, & Refractory Minerals		1450	Clay, Ceramic, & Refractory Minerals
	1455	Kaolin And Ball Clay		1459	Clay And Related Minerals, Nec
	1459	Clay And Related Minerals, Nec		3200	Stone, Clay, And Glass Products
	3200	Stone, Clay, And Glass Products		3250	Structural Clay Products
	3250	Structural Clay Products		3251	Brick And Structural Clay Tile
	3251	Brick And Structural Clay Tile		3253	Ceramic Wall And Floor Tile
	3253	Ceramic Wall And Floor Tile		3255	Clay Refractories
	3255	Clay Refractories		3259	Structural Clay Products, Nec
	3259	Structural Clay Products, Nec		3260	Pottery And Related Products
	3260	Pottery And Related Products		3261	Vitreous Plumbing Fixtures
	3261	Vitreous Plumbing Fixtures		3262	Vitreous China Table & Kitchenware
	3262	Vitreous China Table & Kitchenware		3263	Semivitreous Table & Kitchenware
	3263	Semivitreous Table & Kitchenware		3264	Porcelain Electrical Supplies
	3264	Porcelain Electrical Supplies		3269	Pottery Products, Nec
	3269	Pottery Products, Nec			
3-05-043	<i>Industrial Processes: Mineral Products - Clay processing: Fire clay</i>		3-05-046	<i>Industrial Processes: Mineral Products - Clay processing: Common clay and shale, NEC</i>	
	1450	Clay, Ceramic, & Refractory Minerals		1450	Clay, Ceramic, & Refractory Minerals
	1459	Clay And Related Minerals, Nec		1459	Clay And Related Minerals, Nec
	3200	Stone, Clay, And Glass Products		3200	Stone, Clay, And Glass Products
	3250	Structural Clay Products		3250	Structural Clay Products
	3251	Brick And Structural Clay Tile		3251	Brick And Structural Clay Tile
	3253	Ceramic Wall And Floor Tile		3253	Ceramic Wall And Floor Tile
	3255	Clay Refractories		3255	Clay Refractories
	3259	Structural Clay Products, Nec		3259	Structural Clay Products, Nec
	3260	Pottery And Related Products		3260	Pottery And Related Products
	3261	Vitreous Plumbing Fixtures		3261	Vitreous Plumbing Fixtures
	3262	Vitreous China Table & Kitchenware		3262	Vitreous China Table & Kitchenware
	3263	Semivitreous Table & Kitchenware		3263	Semivitreous Table & Kitchenware
	3264	Porcelain Electrical Supplies		3264	Porcelain Electrical Supplies
	3269	Pottery Products, Nec		3269	Pottery Products, Nec

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

Six-Digit SCC	SIC Code	SIC Description	Six-Digit SCC	SIC Code	SIC Description
3-06-999	<i>Industrial Processes: Petroleum Industry - Petroleum Products - Not Classified</i>		3-90-001	<i>Industrial Processes: In-process Fuel Use - Anthracite Coal</i>	
	1222	Bituminous Coal Underground		2869	Industrial Organic Chemicals, Nec
	1311	Crude Petroleum And Natural Gas		3312	Blast Furnaces And Steel Mills
	1321	Natural Gas Liquids		3511	Turbines And Turbine Generator Sets
	2813	Industrial Gases		3699	Electrical Equipment & Supplies, Nec
	2819	Industrial Inorganic Chemicals, Nec		4911	Electric Services
	2821	Plastics Materials And Resins		4931	Electric And Other Services Combined
	2842	Polishes And Sanitation Goods			
	2865	Cyclic Crudes And Intermediates		2621	Paper Mills
	2869	Industrial Organic Chemicals, Nec		3251	Brick And Structural Clay Tile
	2891	Adhesives And Sealants		3295	Minerals, Ground Or Treated
	2892	Explosives		3531	Construction Machinery
	2911	Petroleum Refining		4911	Electric Services
	2992	Lubricating Oils And Greases		7389	Business Services, Nec
	2999	Petroleum And Coal Products, Nec		8734	Testing Laboratories
	3011	Tires And Inner Tubes			
	3089	Plastics Products, Nec		3-90-002	<i>Industrial Processes: In-process Fuel Use - Bituminous Coal</i>
	3275	Gypsum Products		1011	Iron Ores
	4226	Special Warehousing And Storage, Nec		1221	Bituminous Coal And Lignite Surface
	4613	Refined Petroleum Pipelines		1422	Crushed And Broken Limestone
	4911	Electric Services		1459	Clay And Related Minerals, Nec
	4922	Natural Gas Transmission		1474	Potash, Soda, And Borate Minerals
	5153	Grain And Field Beans		1499	Miscellaneous Nonmetallic Minerals
	5171	Petroleum Bulk Stations & Terminals		2063	Beet Sugar
	5172	Petroleum Products, Nec		2819	Industrial Inorganic Chemicals, Nec
	5984	Liquefied Petroleum Gas Dealers		2874	Phosphatic Fertilizers
	7538	General Automotive Repair Shops		2951	Asphalt Paving Mixtures And Blocks
		2999	Petroleum And Coal Products, Nec		
3-08-010	<i>Industrial Processes: Rubber and Miscellaneous Plastics Products - Plastic Products Manufacturing</i>		3241	Cement, Hydraulic	
	2531	Public Building & Related Furniture	3251	Brick And Structural Clay Tile	
	2631	Paperboard Mills	3271	Concrete Block And Brick	
	2821	Plastics Materials And Resins	3272	Concrete Products, Nec	
	2851	Paints And Allied Products	3274	Lime	
	2891	Adhesives And Sealants	3295	Minerals, Ground Or Treated	
	3053	Gaskets, Packing And Sealing Devices	3299	Nonmetallic Mineral Products, Nec	
	3069	Fabricated Rubber Products, Nec	3341	Secondary Nonferrous Metals	
	3081	Unsupported Plastics Film & Sheet	3999	Manufacturing Industries, Nec	
	3085	Plastics Bottles	7389	Business Services, Nec	
	3086	Plastics Foam Products	8711	Engineering Services	
	3087	Custom Compound Purchased Resins			
	3089	Plastics Products, Nec	3-90-004	<i>Industrial Processes: In-process Fuel Use - Residual Oil</i>	
	3231	Products Of Purchased Glass	0723	Crop Preparation Services For Market	
	3465	Automotive Stampings	1011	Iron Ores	
	3471	Plating And Polishing	1422	Crushed And Broken Limestone	
	3496	Misc. Fabricated Wire Products	1423	Crushed And Broken Granite	
	3531	Construction Machinery	1446	Industrial Sand	
	3544	Special Dies, Tools, Jigs & Fixtures	1459	Clay And Related Minerals, Nec	
	3643	Current-carrying Wiring Devices	1499	Miscellaneous Nonmetallic Minerals	
	3711	Motor Vehicles And Car Bodies	1611	Highway And Street Construction	
	3714	Motor Vehicle Parts And Accessories	2037	Frozen Fruits And Vegetables	
	3873	Watches, Clocks, Watchcases & Parts	2046	Wet Corn Milling	
	3944	Games, Toys, And Children's Vehicles	2063	Beet Sugar	
	3999	Manufacturing Industries, Nec	2082	Malt Beverages	
	6512	Nonresidential Building Operators	2092	Fresh Or Frozen Prepared Fish	
			2099	Food Preparations, Nec	
3-85-001	<i>Industrial Processes: Cooling Tower - Process Cooling</i>		2262	Finishing Plants, Manmade	
	2061	Raw Cane Sugar	2281	Yarn Spinning Mills	
	2821	Plastics Materials And Resins	2436	Softwood Veneer And Plywood	
	2822	Synthetic Rubber	2611	Pulp Mills	
			2621	Paper Mills	

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2631	Paperboard Mills		2621	Paper Mills
	2679	Converted Paper Products, Nec		2679	Converted Paper Products, Nec
	2819	Industrial Inorganic Chemicals, Nec		2752	Commercial Printing, Lithographic
	2821	Plastics Materials And Resins		2816	Inorganic Pigments
	2824	Organic Fibers, Noncellulosic		2819	Industrial Inorganic Chemicals, Nec
	2833	Medicinals And Botanicals		2821	Plastics Materials And Resins
	2873	Nitrogenous Fertilizers		2824	Organic Fibers, Noncellulosic
	2874	Phosphatic Fertilizers		2833	Medicinals And Botanicals
	2895	Carbon Black		2841	Soap And Other Detergents
	2899	Chemical Preparations, Nec		2843	Surface Active Agents
	2911	Petroleum Refining		2851	Paints And Allied Products
	2951	Asphalt Paving Mixtures And Blocks		2861	Gum And Wood Chemicals
	2952	Asphalt Felts And Coatings		2865	Cyclic Crudes And Intermediates
	3086	Plastics Foam Products		2869	Industrial Organic Chemicals, Nec
	3221	Glass Containers		2873	Nitrogenous Fertilizers
	3241	Cement, Hydraulic		2874	Phosphatic Fertilizers
	3255	Clay Refractories		2911	Petroleum Refining
	3274	Lime		2951	Asphalt Paving Mixtures And Blocks
	3275	Gypsum Products		2952	Asphalt Felts And Coatings
	3295	Minerals, Ground Or Treated		2992	Lubricating Oils And Greases
	3297	Nonclay Refractories		2999	Petroleum And Coal Products, Nec
	3312	Blast Furnaces And Steel Mills		3069	Fabricated Rubber Products, Nec
	3341	Secondary Nonferrous Metals		3089	Plastics Products, Nec
	3357	Nonferrous Wiredrawing & Insulating		3211	Flat Glass
	3366	Copper Foundries		3221	Glass Containers
	3432	Plumbing Fixture Fittings And Trim		3241	Cement, Hydraulic
	3523	Farm Machinery And Equipment		3251	Brick And Structural Clay Tile
	3999	Manufacturing Industries, Nec		3255	Clay Refractories
	4911	Electric Services		3272	Concrete Products, Nec
	4953	Refuse Systems		3273	Ready-mixed Concrete
	5093	Scrap And Waste Materials		3274	Lime
	5171	Petroleum Bulk Stations & Terminals		3275	Gypsum Products
	8711	Engineering Services		3281	Cut Stone And Stone Products
	9711	National Security		3292	Asbestos Products
				3295	Minerals, Ground Or Treated
3-90-005		<i>Industrial Processes: In-process Fuel Use - Distillate Oil</i>		3296	Mineral Wool
	0723	Crop Preparation Services For Market		3297	Nonclay Refractories
	1011	Iron Ores		3299	Nonmetallic Mineral Products, Nec
	1411	Dimension Stone		3312	Blast Furnaces And Steel Mills
	1422	Crushed And Broken Limestone		3313	Electrometallurgical Products
	1423	Crushed And Broken Granite		3316	Cold Finishing Of Steel Shapes
	1429	Crushed And Broken Stone, Nec		3325	Steel Foundries, Nec
	1442	Construction Sand And Gravel		3334	Primary Aluminum
	1446	Industrial Sand		3339	Primary Nonferrous Metals, Nec
	1455	Kaolin And Ball Clay		3341	Secondary Nonferrous Metals
	1459	Clay And Related Minerals, Nec		3353	Aluminum Sheet, Plate, And Foil
	1474	Potash, Soda, And Borate Minerals		3354	Aluminum Extruded Products
	1499	Miscellaneous Nonmetallic Minerals		3357	Nonferrous Wiredrawing & Insulating
	1611	Highway And Street Construction		3365	Aluminum Foundries
	2022	Cheese, Natural And Processed		3399	Primary Metal Products, Nec
	2023	Dry, Condensed, Evaporated Products		3423	Hand And Edge Tools, Nec
	2041	Flour And Other Grain Mill Products		3442	Metal Doors, Sash, And Trim
	2046	Wet Corn Milling		3444	Sheet Metalwork
	2051	Bread, Cake, And Related Products		3462	Iron And Steel Forgings
	2062	Cane Sugar Refining		3469	Metal Stampings, Nec
	2077	Animal And Marine Fats And Oils		3471	Plating And Polishing
	2099	Food Preparations, Nec		3479	Metal Coating And Allied Services
	2431	Millwork		3497	Metal Foil And Leaf
	2493	Reconstituted Wood Products		3499	Fabricated Metal Products, Nec
	2514	Metal Household Furniture		3524	Lawn And Garden Equipment
	2611	Pulp Mills		3531	Construction Machinery
				3552	Textile Machinery

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3561	Pumps And Pumping Equipment		2035	Pickles, Sauces, And Salad Dressings
	3567	Industrial Furnaces And Ovens		2037	Frozen Fruits And Vegetables
	3575	Computer Terminals		2038	Frozen Specialties, Nec
	3579	Office Machines, Nec		2041	Flour And Other Grain Mill Products
	3621	Motors And Generators		2043	Cereal Breakfast Foods
	3639	Household Appliances, Nec		2044	Rice Milling
	3674	Semiconductors And Related Devices		2046	Wet Corn Milling
	3679	Electronic Components, Nec		2047	Dog And Cat Food
	3713	Truck And Bus Bodies		2048	Prepared Feeds, Nec
	3724	Aircraft Engines And Engine Parts		2051	Bread, Cake, And Related Products
	3731	Ship Building And Repairing		2052	Cookies And Crackers
	3743	Railroad Equipment		2061	Raw Cane Sugar
	3861	Photographic Equipment And Supplies		2062	Cane Sugar Refining
	3999	Manufacturing Industries, Nec		2063	Beet Sugar
	4011	Railroads, Line-haul Operating		2066	Chocolate And Cocoa Products
	4491	Marine Cargo Handling		2068	Salted And Roasted Nuts And Seeds
	4911	Electric Services		2074	Cottonseed Oil Mills
	4931	Electric And Other Services Combined		2075	Soybean Oil Mills
	4952	Sewerage Systems		2076	Vegetable Oil Mills, Nec
	4953	Refuse Systems		2077	Animal And Marine Fats And Oils
	5093	Scrap And Waste Materials		2082	Malt Beverages
	5153	Grain And Field Beans		2083	Malt
	5169	Chemicals & Allied Products, Nec		2085	Distilled And Blended Liquors
	5211	Lumber And Other Building Materials		2091	Canned And Cured Fish And Seafoods
	7532	Top & Body Repair & Paint Shops		2095	Roasted Coffee
	8062	General Medical & Surgical Hospitals		2096	Potato Chips And Similar Snacks
	8211	Elementary And Secondary Schools		2099	Food Preparations, Nec
	8221	Colleges And Universities		2111	Cigarettes
	9511	Air, Water, & Solid Waste Management		2211	Broadwoven Fabric Mills, Cotton
	9711	National Security		2221	Broadwoven Fabric Mills, Manmade
				2231	Broadwoven Fabric Mills, Wool
				2241	Narrow Fabric Mills
				2253	Knit Outerwear Mills
				2257	Weft Knit Fabric Mills
				2258	Lace & Warp Knit Fabric Mills
				2261	Finishing Plants, Cotton
				2262	Finishing Plants, Manmade
				2269	Finishing Plants, Nec
				2273	Carpets And Rugs
				2281	Yarn Spinning Mills
				2284	Thread Mills
				2295	Coated Fabrics, Not Rubberized
				2296	Tire Cord And Fabrics
				2297	Nonwoven Fabrics
				2299	Textile Goods, Nec
				2329	Men's And Boys' Clothing, Nec
				2353	Hats, Caps, And Millinery
				2392	Housefurnishings, Nec
				2393	Textile Bags
				2396	Automotive And Apparel Trimmings
				2421	Sawmills And Planing Mills, General
				2429	Special Product Sawmills, Nec
				2431	Millwork
				2434	Wood Kitchen Cabinets
				2435	Hardwood Veneer And Plywood
				2436	Softwood Veneer And Plywood
				2491	Wood Preserving
				2493	Reconstituted Wood Products
				2499	Wood Products, Nec
				2511	Wood Household Furniture
				2512	Upholstered Household Furniture
				2514	Metal Household Furniture
3-90-006		<i>Industrial Processes: In-process Fuel Use - Natural Gas</i>			
	0119	Cash Grains, Nec			
	0174	Citrus Fruits			
	0723	Crop Preparation Services For Market			
	0724	Cotton Ginning			
	1011	Iron Ores			
	1041	Gold Ores			
	1311	Crude Petroleum And Natural Gas			
	1321	Natural Gas Liquids			
	1389	Oil And Gas Field Services, Nec			
	1411	Dimension Stone			
	1422	Crushed And Broken Limestone			
	1423	Crushed And Broken Granite			
	1429	Crushed And Broken Stone, Nec			
	1442	Construction Sand And Gravel			
	1446	Industrial Sand			
	1455	Kaolin And Ball Clay			
	1474	Potash, Soda, And Borate Minerals			
	1475	Phosphate Rock			
	1499	Miscellaneous Nonmetallic Minerals			
	1611	Highway And Street Construction			
	1721	Painting And Paper Hanging			
	1799	Special Trade Contractors, Nec			
	2011	Meat Packing Plants			
	2013	Sausages And Other Prepared Meats			
	2021	Creamery Butter			
	2022	Cheese, Natural And Processed			
	2023	Dry, Condensed, Evaporated Products			
	2026	Fluid Milk			
	2033	Canned Fruits And Vegetables			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2521	Wood Office Furniture		3086	Plastics Foam Products
	2522	Office Furniture, Except Wood		3087	Custom Compound Purchased Resins
	2531	Public Building & Related Furniture		3089	Plastics Products, Nec
	2541	Wood Partitions And Fixtures		3111	Leather Tanning And Finishing
	2542	Partitions And Fixtures, Except Wood		3211	Flat Glass
	2591	Drapery Hardware & Blinds & Shades		3221	Glass Containers
	2599	Furniture And Fixtures, Nec		3229	Pressed And Blown Glass, Nec
	2611	Pulp Mills		3241	Cement, Hydraulic
	2621	Paper Mills		3251	Brick And Structural Clay Tile
	2631	Paperboard Mills		3253	Ceramic Wall And Floor Tile
	2653	Corrugated And Solid Fiber Boxes		3255	Clay Refractories
	2655	Fiber Cans, Drums & Similar Products		3259	Structural Clay Products, Nec
	2657	Folding Paperboard Boxes		3261	Vitreous Plumbing Fixtures
	2671	Paper Coated & Laminated, Packaging		3264	Porcelain Electrical Supplies
	2672	Paper Coated And Laminated, Nec		3269	Pottery Products, Nec
	2674	Bags: Uncoated Paper & Multiwall		3272	Concrete Products, Nec
	2675	Die-cut Paper And Board		3273	Ready-mixed Concrete
	2676	Sanitary Paper Products		3274	Lime
	2679	Converted Paper Products, Nec		3275	Gypsum Products
	2711	Newspapers		3281	Cut Stone And Stone Products
	2721	Periodicals		3291	Abrasive Products
	2731	Book Publishing		3292	Asbestos Products
	2732	Book Printing		3295	Minerals, Ground Or Treated
	2741	Miscellaneous Publishing		3296	Mineral Wool
	2752	Commercial Printing, Lithographic		3297	Nonclay Refractories
	2754	Commercial Printing, Gravure		3299	Nonmetallic Mineral Products, Nec
	2759	Commercial Printing, Nec		3312	Blast Furnaces And Steel Mills
	2796	Platemaking Services		3313	Electrometallurgical Products
	2812	Alkalies And Chlorine		3315	Steel Wire And Related Products
	2813	Industrial Gases		3316	Cold Finishing Of Steel Shapes
	2816	Inorganic Pigments		3317	Steel Pipe And Tubes
	2819	Industrial Inorganic Chemicals, Nec		3321	Gray And Ductile Iron Foundries
	2821	Plastics Materials And Resins		3322	Malleable Iron Foundries
	2822	Synthetic Rubber		3324	Steel Investment Foundries
	2823	Cellulosic Manmade Fibers		3325	Steel Foundries, Nec
	2824	Organic Fibers, Noncellulosic		3331	Primary Copper
	2833	Medicinals And Botanicals		3334	Primary Aluminum
	2834	Pharmaceutical Preparations		3339	Primary Nonferrous Metals, Nec
	2836	Biological Products Exc. Diagnostic		3341	Secondary Nonferrous Metals
	2841	Soap And Other Detergents		3351	Copper Rolling And Drawing
	2843	Surface Active Agents		3353	Aluminum Sheet, Plate, And Foil
	2851	Paints And Allied Products		3354	Aluminum Extruded Products
	2861	Gum And Wood Chemicals		3355	Aluminum Rolling And Drawing, Nec
	2865	Cyclic Crudes And Intermediates		3356	Nonferrous Rolling And Drawing, Nec
	2869	Industrial Organic Chemicals, Nec		3357	Nonferrous Wiredrawing & Insulating
	2873	Nitrogenous Fertilizers		3363	Aluminum Die-castings
	2874	Phosphatic Fertilizers		3364	Nonferrous Die-casting Exc. Aluminum
	2875	Fertilizers, Mixing Only		3365	Aluminum Foundries
	2879	Agricultural Chemicals, Nec		3366	Copper Foundries
	2891	Adhesives And Sealants		3369	Nonferrous Foundries, Nec
	2895	Carbon Black		3398	Metal Heat Treating
	2899	Chemical Preparations, Nec		3399	Primary Metal Products, Nec
	2911	Petroleum Refining		3411	Metal Cans
	2951	Asphalt Paving Mixtures And Blocks		3412	Metal Barrels, Drums, And Pails
	2952	Asphalt Felts And Coatings		3421	Cutlery
	2992	Lubricating Oils And Greases		3423	Hand And Edge Tools, Nec
	2999	Petroleum And Coal Products, Nec		3429	Hardware, Nec
	3053	Gaskets, Packing And Sealing Devices		3431	Metal Sanitary Ware
	3069	Fabricated Rubber Products, Nec		3432	Plumbing Fixture Fittings And Trim
	3081	Unsupported Plastics Film & Sheet		3433	Heating Equipment, Except Electric
	3082	Unsupported Plastics Profile Shapes		3441	Fabricated Structural Metal
	3085	Plastics Bottles		3442	Metal Doors, Sash, And Trim

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3443	Fabricated Plate Work (boiler Shops)		3634	Electric Housewares And Fans
	3444	Sheet Metalwork		3639	Household Appliances, Nec
	3448	Prefabricated Metal Buildings		3641	Electric Lamps
	3449	Miscellaneous Metal Work		3643	Current-carrying Wiring Devices
	3451	Screw Machine Products		3644	Noncurrent-carrying Wiring Devices
	3452	Bolts, Nuts, Rivets, And Washers		3645	Residential Lighting Fixtures
	3462	Iron And Steel Forgings		3646	Commercial Lighting Fixtures
	3465	Automotive Stampings		3648	Lighting Equipment, Nec
	3466	Crowns And Closures		3661	Telephone And Telegraph Apparatus
	3469	Metal Stampings, Nec		3663	Radio & TV Communications Equipment
	3471	Plating And Polishing		3669	Communications Equipment, Nec
	3479	Metal Coating And Allied Services		3671	Electron Tubes
	3482	Small Arms Ammunition		3674	Semiconductors And Related Devices
	3489	Ordnance And Accessories, Nec		3679	Electronic Components, Nec
	3491	Industrial Valves		3691	Storage Batteries
	3492	Fluid Power Valves & Hose Fittings		3694	Engine Electrical Equipment
	3494	Valves And Pipe Fittings, Nec		3711	Motor Vehicles And Car Bodies
	3495	Wire Springs		3713	Truck And Bus Bodies
	3496	Misc. Fabricated Wire Products		3714	Motor Vehicle Parts And Accessories
	3497	Metal Foil And Leaf		3721	Aircraft
	3499	Fabricated Metal Products, Nec		3728	Aircraft Parts And Equipment, Nec
	3511	Turbines And Turbine Generator Sets		3731	Ship Building And Repairing
	3519	Internal Combustion Engines, Nec		3732	Boat Building And Repairing
	3523	Farm Machinery And Equipment		3743	Railroad Equipment
	3524	Lawn And Garden Equipment		3751	Motorcycles, Bicycles, And Parts
	3531	Construction Machinery		3795	Tanks And Tank Components
	3532	Mining Machinery		3799	Transportation Equipment, Nec
	3534	Elevators And Moving Stairways		3821	Laboratory Apparatus And Furniture
	3535	Conveyors And Conveying Equipment		3822	Environmental Controls
	3541	Machine Tools, Metal Cutting Types		3823	Process Control Instruments
	3542	Machine Tools, Metal Forming Types		3826	Analytical Instruments
	3543	Industrial Patterns		3841	Surgical And Medical Instruments
	3544	Special Dies, Tools, Jigs & Fixtures		3842	Surgical Appliances And Supplies
	3545	Machine Tool Accessories		3844	X-ray Apparatus And Tubes
	3546	Power-driven Handtools		3861	Photographic Equipment And Supplies
	3547	Rolling Mill Machinery		3911	Jewelry, Precious Metal
	3552	Textile Machinery		3914	Silverware And Plated Ware
	3553	Woodworking Machinery		3942	Dolls And Stuffed Toys
	3554	Paper Industries Machinery		3949	Sporting And Athletic Goods, Nec
	3559	Special Industry Machinery, Nec		3951	Pens And Mechanical Pencils
	3561	Pumps And Pumping Equipment		3955	Carbon Paper And Inked Ribbons
	3562	Ball And Roller Bearings		3993	Signs And Advertising Specialities
	3563	Air And Gas Compressors		3995	Burial Caskets
	3564	Blowers And Fans		3996	Hard Surface Floor Coverings, Nec
	3567	Industrial Furnaces And Ovens		3999	Manufacturing Industries, Nec
	3568	Power Transmission Equipment, Nec		4111	Local And Suburban Transit
	3569	General Industrial Machinery, Nec		4221	Farm Product Warehousing And Storage
	3571	Electronic Computers		4512	Air Transportation, Scheduled
	3572	Computer Storage Devices		4581	Airports, Flying Fields, & Services
	3579	Office Machines, Nec		4741	Rental Of Railroad Cars
	3585	Refrigeration And Heating Equipment		4911	Electric Services
	3589	Service Industry Machinery, Nec		4922	Natural Gas Transmission
	3596	Scales And Balances, Exc. Laboratory		4923	Gas Transmission And Distribution
	3599	Industrial Machinery, Nec		4924	Natural Gas Distribution
	3612	Transformers, Except Electronic		4925	Gas Production And/or Distribution
	3621	Motors And Generators		4939	Combination Utilities, Nec
	3624	Carbon And Graphite Products		4941	Water Supply
	3625	Relays And Industrial Controls		4952	Sewerage Systems
	3629	Electrical Industrial Apparatus, Nec		4953	Refuse Systems
	3631	Household Cooking Equipment		4961	Steam And Air-conditioning Supply
	3632	Household Refrigerators And Freezers		5039	Construction Materials, Nec
	3633	Household Laundry Equipment			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	5078	Refrigeration Equipment And Supplies		4952	Sewerage Systems
	5085	Industrial Supplies		4953	Refuse Systems
	5088	Transportation Equipment & Supplies		5171	Petroleum Bulk Stations & Terminals
	5093	Scrap And Waste Materials		9511	Air, Water, & Solid Waste Management
	5111	Printing And Writing Paper			
	5142	Packaged Frozen Foods	3-90-008		<i>Industrial Processes: In-process Fuel Use - Coke</i>
	5149	Groceries And Related Products, Nec		1011	Iron Ores
	5153	Grain And Field Beans		2063	Beet Sugar
	5171	Petroleum Bulk Stations & Terminals		2421	Sawmills And Planing Mills, General
	5191	Farm Supplies		2493	Reconstituted Wood Products
	5511	New And Used Car Dealers		2621	Paper Mills
	5541	Gasoline Service Stations		2819	Industrial Inorganic Chemicals, Nec
	5699	Misc. Apparel & Accessory Stores		2869	Industrial Organic Chemicals, Nec
	6512	Nonresidential Building Operators		2911	Petroleum Refining
	6513	Apartment Building Operators		3241	Cement, Hydraulic
	7011	Hotels And Motels		3251	Brick And Structural Clay Tile
	7211	Power Laundries, Family & Commercial		3274	Lime
	7213	Linen Supply		3296	Mineral Wool
	7216	Drycleaning Plants, Except Rug		3321	Gray And Ductile Iron Foundries
	7218	Industrial Launderers		3339	Primary Nonferrous Metals, Nec
	7219	Laundry And Garment Services, Nec		3341	Secondary Nonferrous Metals
	7261	Funeral Service And Crematories		3714	Motor Vehicle Parts And Accessories
	7336	Commercial Art And Graphic Design		3999	Manufacturing Industries, Nec
	7389	Business Services, Nec		4911	Electric Services
	7532	Top & Body Repair & Paint Shops			
	7694	Armature Rewinding Shops	3-90-009		<i>Industrial Processes: In-process Fuel Use - Wood</i>
	7699	Repair Services, Nec		1011	Iron Ores
	8051	Skilled Nursing Care Facilities		1459	Clay And Related Minerals, Nec
	8062	General Medical & Surgical Hospitals		2013	Sausages And Other Prepared Meats
	8211	Elementary And Secondary Schools		2048	Prepared Feeds, Nec
	8221	Colleges And Universities		2063	Beet Sugar
	8699	Membership Organizations, Nec		2221	Broadwoven Fabric Mills, Manmade
	8711	Engineering Services		2231	Broadwoven Fabric Mills, Wool
	8731	Commercial Physical Research		2299	Textile Goods, Nec
	9223	Correctional Institutions		2421	Sawmills And Planing Mills, General
	9511	Air, Water, & Solid Waste Management		2429	Special Product Sawmills, Nec
	9711	National Security		2493	Reconstituted Wood Products
3-90-007		<i>Industrial Processes: In-process Fuel Use - Process Gas</i>		2499	Wood Products, Nec
	1311	Crude Petroleum And Natural Gas		2611	Pulp Mills
	2099	Food Preparations, Nec		2621	Paper Mills
	2395	Pleating And Stitching		2679	Converted Paper Products, Nec
	2813	Industrial Gases		2836	Biological Products Exc. Diagnostic
	2819	Industrial Inorganic Chemicals, Nec		2911	Petroleum Refining
	2865	Cyclic Crudes And Intermediates		3251	Brick And Structural Clay Tile
	2869	Industrial Organic Chemicals, Nec		3295	Minerals, Ground Or Treated
	2873	Nitrogenous Fertilizers		3296	Mineral Wool
	2895	Carbon Black		3339	Primary Nonferrous Metals, Nec
	2911	Petroleum Refining		3433	Heating Equipment, Except Electric
	3269	Pottery Products, Nec		3524	Lawn And Garden Equipment
	3312	Blast Furnaces And Steel Mills		3559	Special Industry Machinery, Nec
	3321	Gray And Ductile Iron Foundries		3999	Manufacturing Industries, Nec
	3357	Nonferrous Wiredrawing & Insulating		4952	Sewerage Systems
	3398	Metal Heat Treating		5153	Grain And Field Beans
	3585	Refrigeration And Heating Equipment		5812	Eating Places
	3599	Industrial Machinery, Nec	3-90-010		<i>Industrial Processes: In-process Fuel Use - Liquefied Petroleum Gas</i>
	3714	Motor Vehicle Parts And Accessories		0252	Chicken Eggs
	3999	Manufacturing Industries, Nec		0723	Crop Preparation Services For Market
	4789	Transportation Services, Nec		0724	Cotton Ginning
	4911	Electric Services		1011	Iron Ores
	4931	Electric And Other Services Combined		1041	Gold Ores



## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	1422	Crushed And Broken Limestone		3341	Secondary Nonferrous Metals
	1446	Industrial Sand		3353	Aluminum Sheet, Plate, And Foil
	1611	Highway And Street Construction		3354	Aluminum Extruded Products
	2013	Sausages And Other Prepared Meats		3363	Aluminum Die-castings
	2015	Poultry Slaughtering And Processing		3399	Primary Metal Products, Nec
	2021	Creamery Butter		3411	Metal Cans
	2022	Cheese, Natural And Processed		3433	Heating Equipment, Except Electric
	2023	Dry, Condensed, Evaporated Products		3441	Fabricated Structural Metal
	2047	Dog And Cat Food		3444	Sheet Metalwork
	2048	Prepared Feeds, Nec		3448	Prefabricated Metal Buildings
	2051	Bread, Cake, And Related Products		3471	Plating And Polishing
	2052	Cookies And Crackers		3482	Small Arms Ammunition
	2068	Salted And Roasted Nuts And Seeds		3519	Internal Combustion Engines, Nec
	2075	Soybean Oil Mills		3523	Farm Machinery And Equipment
	2076	Vegetable Oil Mills, Nec		3524	Lawn And Garden Equipment
	2083	Malt		3554	Paper Industries Machinery
	2085	Distilled And Blended Liquors		3561	Pumps And Pumping Equipment
	2099	Food Preparations, Nec		3569	General Industrial Machinery, Nec
	2211	Broadwoven Fabric Mills, Cotton		3581	Automatic Vending Machines
	2221	Broadwoven Fabric Mills, Manmade		3599	Industrial Machinery, Nec
	2231	Broadwoven Fabric Mills, Wool		3621	Motors And Generators
	2241	Narrow Fabric Mills		3624	Carbon And Graphite Products
	2261	Finishing Plants, Cotton		3644	Noncurrent-carrying Wiring Devices
	2262	Finishing Plants, Manmade		3648	Lighting Equipment, Nec
	2273	Carpets And Rugs		3674	Semiconductors And Related Devices
	2281	Yarn Spinning Mills		3691	Storage Batteries
	2295	Coated Fabrics, Not Rubberized		3711	Motor Vehicles And Car Bodies
	2297	Nonwoven Fabrics		3713	Truck And Bus Bodies
	2392	Housefurnishings, Nec		3714	Motor Vehicle Parts And Accessories
	2421	Sawmills And Planing Mills, General		3715	Truck Trailers
	2426	Hardwood Dimension & Flooring Mills		3721	Aircraft
	2435	Hardwood Veneer And Plywood		3724	Aircraft Engines And Engine Parts
	2493	Reconstituted Wood Products		3728	Aircraft Parts And Equipment, Nec
	2499	Wood Products, Nec		3731	Ship Building And Repairing
	2522	Office Furniture, Except Wood		3799	Transportation Equipment, Nec
	2611	Pulp Mills		3841	Surgical And Medical Instruments
	2621	Paper Mills		3995	Burial Caskets
	2657	Folding Paperboard Boxes		3999	Manufacturing Industries, Nec
	2671	Paper Coated & Laminated, Packaging		4011	Railroads, Line-haul Operating
	2672	Paper Coated And Laminated, Nec		4111	Local And Suburban Transit
	2732	Book Printing		4221	Farm Product Warehousing And Storage
	2752	Commercial Printing, Lithographic		4226	Special Warehousing And Storage, Nec
	2819	Industrial Inorganic Chemicals, Nec		4953	Refuse Systems
	2821	Plastics Materials And Resins		5153	Grain And Field Beans
	2861	Gum And Wood Chemicals		5171	Petroleum Bulk Stations & Terminals
	2869	Industrial Organic Chemicals, Nec		5191	Farm Supplies
	2874	Phosphatic Fertilizers		7218	Industrial Launderers
	2951	Asphalt Paving Mixtures And Blocks		7389	Business Services, Nec
	3053	Gaskets, Packing And Sealing Devices		7694	Armature Rewinding Shops
	3081	Unsupported Plastics Film & Sheet		8062	General Medical & Surgical Hospitals
	3085	Plastics Bottles		8661	Religious Organizations
	3086	Plastics Foam Products		9511	Air, Water, & Solid Waste Management
	3089	Plastics Products, Nec		9711	National Security
	3111	Leather Tanning And Finishing			
	3259	Structural Clay Products, Nec			
	3275	Gypsum Products	3-90-012		<i>Industrial Processes: In-process Fuel Use - Solid Waste</i>
	3291	Abrasive Products			
	3315	Steel Wire And Related Products		1499	Miscellaneous Nonmetallic Minerals
	3317	Steel Pipe And Tubes		2679	Converted Paper Products, Nec
	3321	Gray And Ductile Iron Foundries		2812	Alkalies And Chlorine
	3325	Steel Foundries, Nec		2833	Medicinals And Botanicals
	3339	Primary Nonferrous Metals, Nec		2869	Industrial Organic Chemicals, Nec
				2911	Petroleum Refining

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3241	Cement, Hydraulic		1742	Plastering, Drywall, And Insulation
	3275	Gypsum Products		1751	Carpentry Work
	3334	Primary Aluminum		1761	Roofing, Siding, And Sheet Metal Work
	3559	Special Industry Machinery, Nec		1771	Concrete Work
	3764	Space Propulsion Units And Parts		1791	Structural Steel Erection
	4581	Airports, Flying Fields, & Services		1796	Installing Building Equipment, Nec
	4911	Electric Services		1799	Special Trade Contractors, Nec
	4952	Sewerage Systems		2026	Fluid Milk
	4953	Refuse Systems		2033	Canned Fruits And Vegetables
	5541	Gasoline Service Stations		2043	Cereal Breakfast Foods
	5812	Eating Places		2048	Prepared Feeds, Nec
	6553	Cemetery Subdividers And Developers		2051	Bread, Cake, And Related Products
	7261	Funeral Service And Crematories		2068	Salted And Roasted Nuts And Seeds
	8051	Skilled Nursing Care Facilities		2086	Bottled And Canned Soft Drinks
	8062	General Medical & Surgical Hospitals		2087	Flavoring Extracts And Syrups, Nec
	8063	Psychiatric Hospitals		2091	Canned And Cured Fish And Seafoods
	8221	Colleges And Universities		2096	Potato Chips And Similar Snacks
	8731	Commercial Physical Research		2099	Food Preparations, Nec
	9511	Air, Water, & Solid Waste Management		2211	Broadwoven Fabric Mills, Cotton
	9711	National Security		2231	Broadwoven Fabric Mills, Wool
				2259	Knitting Mills, Nec
3-90-013		<i>Industrial Processes: In-process Fuel Use - Liquid Waste</i>		2261	Finishing Plants, Cotton
	1429	Crushed And Broken Stone, Nec		2262	Finishing Plants, Manmade
	1499	Miscellaneous Nonmetallic Minerals		2269	Finishing Plants, Nec
	2023	Dry, Condensed, Evaporated Products		2273	Carpets And Rugs
	2653	Corrugated And Solid Fiber Boxes		2295	Coated Fabrics, Not Rubberized
	2819	Industrial Inorganic Chemicals, Nec		2298	Cordage And Twine
	2821	Plastics Materials And Resins		2299	Textile Goods, Nec
	2824	Organic Fibers, Noncellulosic		2331	Women's & Misses' Blouses & Shirts
	2843	Surface Active Agents		2384	Robes And Dressing Gowns
	2865	Cyclic Crudes And Intermediates		2387	Apparel Belts
	2869	Industrial Organic Chemicals, Nec		2392	Housefurnishings, Nec
	2951	Asphalt Paving Mixtures And Blocks		2394	Canvas And Related Products
	3089	Plastics Products, Nec		2395	Pleating And Stitching
	3241	Cement, Hydraulic		2399	Fabricated Textile Products, Nec
	3274	Lime		2411	Logging
	3295	Minerals, Ground Or Treated		2421	Sawmills And Planing Mills, General
	3312	Blast Furnaces And Steel Mills		2426	Hardwood Dimension & Flooring Mills
	3999	Manufacturing Industries, Nec		2431	Millwork
	4953	Refuse Systems		2434	Wood Kitchen Cabinets
				2435	Hardwood Veneer And Plywood
4-02-001		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Surface Coating Application - General</i>		2441	Nailed Wood Boxes And Shook
	0711	Soil Preparation Services		2449	Wood Containers, Nec
	0782	Lawn And Garden Services		2451	Mobile Homes
	1021	Copper Ores		2452	Prefabricated Wood Buildings
	1241	Coal Mining Services		2491	Wood Preserving
	1311	Crude Petroleum And Natural Gas		2493	Reconstituted Wood Products
	1382	Oil And Gas Exploration Services		2499	Wood Products, Nec
	1389	Oil And Gas Field Services, Nec		2511	Wood Household Furniture
	1422	Crushed And Broken Limestone		2512	Upholstered Household Furniture
	1522	Residential Construction, Nec		2514	Metal Household Furniture
	1541	Industrial Buildings And Warehouses		2515	Mattresses And Bedspings
	1542	Nonresidential Construction, Nec		2519	Household Furniture, Nec
	1622	Bridge, Tunnel, & Elevated Highway		2521	Wood Office Furniture
	1623	Water, Sewer, And Utility Lines		2522	Office Furniture, Except Wood
	1629	Heavy Construction, Nec		2531	Public Building & Related Furniture
	1711	Plumbing, Heating, Air-conditioning		2541	Wood Partitions And Fixtures
	1721	Painting And Paper Hanging		2542	Partitions And Fixtures, Except Wood
	1731	Electrical Work		2591	Drapery Hardware & Blinds & Shades
	1741	Masonry And Other Stonework		2599	Furniture And Fixtures, Nec
				2621	Paper Mills
				2631	Paperboard Mills

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2653	Corrugated And Solid Fiber Boxes		3255	Clay Refractories
	2655	Fiber Cans, Drums & Similar Products		3261	Vitreous Plumbing Fixtures
	2656	Sanitary Food Containers		3269	Pottery Products, Nec
	2657	Folding Paperboard Boxes		3272	Concrete Products, Nec
	2671	Paper Coated & Laminated, Packaging		3273	Ready-mixed Concrete
	2672	Paper Coated And Laminated, Nec		3275	Gypsum Products
	2673	Bags: Plastics, Laminated, & Coated		3281	Cut Stone And Stone Products
	2675	Die-cut Paper And Board		3291	Abrasive Products
	2676	Sanitary Paper Products		3292	Asbestos Products
	2711	Newspapers		3295	Minerals, Ground Or Treated
	2732	Book Printing		3296	Mineral Wool
	2752	Commercial Printing, Lithographic		3297	Nonclay Refractories
	2754	Commercial Printing, Gravure		3299	Nonmetallic Mineral Products, Nec
	2759	Commercial Printing, Nec		3312	Blast Furnaces And Steel Mills
	2782	Blankbooks And Looseleaf Binders		3315	Steel Wire And Related Products
	2796	Platemaking Services		3316	Cold Finishing Of Steel Shapes
	2813	Industrial Gases		3317	Steel Pipe And Tubes
	2816	Inorganic Pigments		3321	Gray And Ductile Iron Foundries
	2819	Industrial Inorganic Chemicals, Nec		3322	Malleable Iron Foundries
	2821	Plastics Materials And Resins		3325	Steel Foundries, Nec
	2822	Synthetic Rubber		3334	Primary Aluminum
	2823	Cellulosic Manmade Fibers		3339	Primary Nonferrous Metals, Nec
	2833	Medicinals And Botanicals		3341	Secondary Nonferrous Metals
	2834	Pharmaceutical Preparations		3354	Aluminum Extruded Products
	2841	Soap And Other Detergents		3356	Nonferrous Rolling And Drawing, Nec
	2842	Polishes And Sanitation Goods		3357	Nonferrous Wiredrawing & Insulating
	2843	Surface Active Agents		3363	Aluminum Die-castings
	2844	Toilet Preparations		3364	Nonferrous Die-casting Exc. Aluminum
	2851	Paints And Allied Products		3365	Aluminum Foundries
	2869	Industrial Organic Chemicals, Nec		3366	Copper Foundries
	2879	Agricultural Chemicals, Nec		3369	Nonferrous Foundries, Nec
	2891	Adhesives And Sealants		3399	Primary Metal Products, Nec
	2892	Explosives		3411	Metal Cans
	2893	Printing Ink		3412	Metal Barrels, Drums, And Pails
	2899	Chemical Preparations, Nec		3423	Hand And Edge Tools, Nec
	2911	Petroleum Refining		3429	Hardware, Nec
	2951	Asphalt Paving Mixtures And Blocks		3431	Metal Sanitary Ware
	2952	Asphalt Felts And Coatings		3432	Plumbing Fixture Fittings And Trim
	3011	Tires And Inner Tubes		3433	Heating Equipment, Except Electric
	3052	Rubber & Plastics Hose & Belting		3441	Fabricated Structural Metal
	3053	Gaskets, Packing And Sealing Devices		3442	Metal Doors, Sash, And Trim
	3061	Mechanical Rubber Goods		3443	Fabricated Plate Work (boiler Shops)
	3069	Fabricated Rubber Products, Nec		3444	Sheet Metalwork
	3081	Unsupported Plastics Film & Sheet		3446	Architectural Metal Work
	3082	Unsupported Plastics Profile Shapes		3448	Prefabricated Metal Buildings
	3083	Laminated Plastics Plate & Sheet		3449	Miscellaneous Metal Work
	3085	Plastics Bottles		3451	Screw Machine Products
	3086	Plastics Foam Products		3452	Bolts, Nuts, Rivets, And Washers
	3087	Custom Compound Purchased Resins		3462	Iron And Steel Forgings
	3088	Plastics Plumbing Fixtures		3465	Automotive Stampings
	3089	Plastics Products, Nec		3466	Crowns And Closures
	3111	Leather Tanning And Finishing		3469	Metal Stampings, Nec
	3131	Footwear Cut Stock		3471	Plating And Polishing
	3143	Men's Footwear, Except Athletic		3479	Metal Coating And Allied Services
	3161	Luggage		3482	Small Arms Ammunition
	3172	Personal Leather Goods, Nec		3483	Ammunition, Exc. For Small Arms, Nec
	3199	Leather Goods, Nec		3484	Small Arms
	3211	Flat Glass		3489	Ordnance And Accessories, Nec
	3229	Pressed And Blown Glass, Nec		3491	Industrial Valves
	3231	Products Of Purchased Glass		3492	Fluid Power Valves & Hose Fittings
	3241	Cement, Hydraulic		3493	Steel Springs, Except Wire
	3253	Ceramic Wall And Floor Tile		3494	Valves And Pipe Fittings, Nec

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3495	Wire Springs		3643	Current-carrying Wiring Devices
	3496	Misc. Fabricated Wire Products		3644	Noncurrent-carrying Wiring Devices
	3497	Metal Foil And Leaf		3645	Residential Lighting Fixtures
	3498	Fabricated Pipe And Fittings		3646	Commercial Lighting Fixtures
	3499	Fabricated Metal Products, Nec		3647	Vehicular Lighting Equipment
	3511	Turbines And Turbine Generator Sets		3648	Lighting Equipment, Nec
	3519	Internal Combustion Engines, Nec		3651	Household Audio And Video Equipment
	3523	Farm Machinery And Equipment		3661	Telephone And Telegraph Apparatus
	3524	Lawn And Garden Equipment		3663	Radio & TV Communications Equipment
	3531	Construction Machinery		3669	Communications Equipment, Nec
	3532	Mining Machinery		3671	Electron Tubes
	3533	Oil And Gas Field Machinery		3674	Semiconductors And Related Devices
	3534	Elevators And Moving Stairways		3675	Electronic Capacitors
	3535	Conveyors And Conveying Equipment		3676	Electronic Resistors
	3536	Hoists, Cranes, And Monorails		3677	Electronic Coils And Transformers
	3537	Industrial Trucks And Tractors		3678	Electronic Connectors
	3541	Machine Tools, Metal Cutting Types		3679	Electronic Components, Nec
	3542	Machine Tools, Metal Forming Types		3691	Storage Batteries
	3543	Industrial Patterns		3692	Primary Batteries, Dry And Wet
	3544	Special Dies, Tools, Jigs & Fixtures		3694	Engine Electrical Equipment
	3545	Machine Tool Accessories		3695	Magnetic And Optical Recording Media
	3548	Welding Apparatus		3699	Electrical Equipment & Supplies, Nec
	3549	Metalworking Machinery, Nec		3711	Motor Vehicles And Car Bodies
	3552	Textile Machinery		3713	Truck And Bus Bodies
	3553	Woodworking Machinery		3714	Motor Vehicle Parts And Accessories
	3554	Paper Industries Machinery		3715	Truck Trailers
	3555	Printing Trades Machinery		3716	Motor Homes
	3556	Food Products Machinery		3721	Aircraft
	3559	Special Industry Machinery, Nec		3724	Aircraft Engines And Engine Parts
	3561	Pumps And Pumping Equipment		3728	Aircraft Parts And Equipment, Nec
	3562	Ball And Roller Bearings		3731	Ship Building And Repairing
	3563	Air And Gas Compressors		3732	Boat Building And Repairing
	3564	Blowers And Fans		3743	Railroad Equipment
	3566	Speed Changers, Drives, And Gears		3751	Motorcycles, Bicycles, And Parts
	3567	Industrial Furnaces And Ovens		3761	Guided Missiles And Space Vehicles
	3569	General Industrial Machinery, Nec		3764	Space Propulsion Units And Parts
	3571	Electronic Computers		3769	Space Vehicle Equipment, Nec
	3575	Computer Terminals		3792	Travel Trailers And Campers
	3577	Computer Peripheral Equipment, Nec		3795	Tanks And Tank Components
	3578	Calculating And Accounting Equipment		3799	Transportation Equipment, Nec
	3579	Office Machines, Nec		3812	Search And Navigation Equipment
	3581	Automatic Vending Machines		3821	Laboratory Apparatus And Furniture
	3582	Commercial Laundry Equipment		3822	Environmental Controls
	3585	Refrigeration And Heating Equipment		3823	Process Control Instruments
	3586	Measuring And Dispensing Pumps		3825	Instruments To Measure Electricity
	3589	Service Industry Machinery, Nec		3826	Analytical Instruments
	3592	Carburetors, Pistons, Rings, Valves		3827	Optical Instruments And Lenses
	3593	Fluid Power Cylinders & Actuators		3829	Measuring & Controlling Devices, Nec
	3594	Fluid Power Pumps And Motors		3841	Surgical And Medical Instruments
	3596	Scales And Balances, Exc. Laboratory		3842	Surgical Appliances And Supplies
	3599	Industrial Machinery, Nec		3843	Dental Equipment And Supplies
	3612	Transformers, Except Electronic		3844	X-ray Apparatus And Tubes
	3621	Motors And Generators		3851	Ophthalmic Goods
	3624	Carbon And Graphite Products		3861	Photographic Equipment And Supplies
	3625	Relays And Industrial Controls		3931	Musical Instruments
	3629	Electrical Industrial Apparatus, Nec		3942	Dolls And Stuffed Toys
	3631	Household Cooking Equipment		3944	Games, Toys, And Children's Vehicles
	3632	Household Refrigerators And Freezers		3949	Sporting And Athletic Goods, Nec
	3633	Household Laundry Equipment		3952	Lead Pencils And Art Goods
	3634	Electric Housewares And Fans		3955	Carbon Paper And Inked Ribbons
	3639	Household Appliances, Nec		3991	Brooms And Brushes
	3641	Electric Lamps		3993	Signs And Advertising Specialities

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3995	Burial Caskets		5091	Sporting & Recreational Goods
	3996	Hard Surface Floor Coverings, Nec		5092	Toys And Hobby Goods And Supplies
	3999	Manufacturing Industries, Nec		5093	Scrap And Waste Materials
	4011	Railroads, Line-haul Operating		5099	Durable Goods, Nec
	4111	Local And Suburban Transit		5113	Industrial & Personal Service Paper
	4121	Taxicabs		5122	Drugs, Proprietaries, And Sundries
	4131	Intercity & Rural Bus Transportation		5131	Piece Goods & Notions
	4212	Local Trucking, Without Storage		5169	Chemicals & Allied Products, Nec
	4213	Trucking, Except Local		5171	Petroleum Bulk Stations & Terminals
	4215	Courier Services, Except By Air		5172	Petroleum Products, Nec
	4225	General Warehousing And Storage		5198	Paints, Varnishes, And Supplies
	4226	Special Warehousing And Storage, Nec		5199	Nondurable Goods, Nec
	4231	Trucking Terminal Facilities		5211	Lumber And Other Building Materials
	4311	U.S. Postal Service		5231	Paint, Glass, And Wallpaper Stores
	4424	Deep Sea Domestic Trans. Of Freight		5251	Hardware Stores
	4491	Marine Cargo Handling		5261	Retail Nurseries And Garden Stores
	4493	Marinas		5271	Mobile Home Dealers
	4512	Air Transportation, Scheduled		5311	Department Stores
	4581	Airports, Flying Fields, & Services		5399	Misc. General Merchandise Stores
	4729	Passenger Transport Arrangement, Nec		5411	Grocery Stores
	4741	Rental Of Railroad Cars		5511	New And Used Car Dealers
	4783	Packing And Crating		5521	Used Car Dealers
	4785	Inspection & Fixed Facilities		5531	Auto And Home Supply Stores
	4789	Transportation Services, Nec		5541	Gasoline Service Stations
	4813	Telephone Communications, Exc. Radio		5561	Recreational Vehicle Dealers
	4833	Television Broadcasting Stations		5571	Motorcycle Dealers
	4911	Electric Services		5599	Automotive Dealers, Nec
	4922	Natural Gas Transmission		5712	Furniture Stores
	4923	Gas Transmission And Distribution		5719	Misc. Homefurnishings Stores
	4925	Gas Production And/or Distribution		5722	Household Appliance Stores
	4931	Electric And Other Services Combined		5734	Computer And Software Stores
	4939	Combination Utilities, Nec		5736	Musical Instrument Stores
	4941	Water Supply		5812	Eating Places
	4952	Sewerage Systems		5932	Used Merchandise Stores
	4953	Refuse Systems		5941	Sporting Goods And Bicycle Shops
	4959	Sanitary Services, Nec		5943	Stationery Stores
	4961	Steam And Air-conditioning Supply		5994	News Dealers And Newsstands
	5012	Automobiles And Other Motor Vehicles		5999	Miscellaneous Retail Stores, Nec
	5015	Motor Vehicle Parts, Used		6021	National Commercial Banks
	5021	Furniture		6035	Federal Savings Institutions
	5023	Homefurnishings		6111	Federal & Fed.-sponsored Credit
	5031	Lumber, Plywood, And Millwork		6321	Accident And Health Insurance
	5032	Brick, Stone, & Related Materials		6512	Nonresidential Building Operators
	5033	Roofing, Siding, & Insulation		6552	Subdividers And Developers, Nec
	5039	Construction Materials, Nec		6553	Cemetery Subdividers And Developers
	5043	Photographic Equipment And Supplies		6719	Holding Companies, Nec
	5044	Office Equipment		6732	Educational, Religious, Etc. Trusts
	5045	Computers, Peripherals & Software		6799	Investors, Nec
	5046	Commercial Equipment, Nec		7011	Hotels And Motels
	5047	Medical And Hospital Equipment		7216	Drycleaning Plants, Except Rug
	5051	Metals Service Centers And Offices		7221	Photographic Studios, Portrait
	5064	Electrical Appliances, TV & Radios		7261	Funeral Service And Crematories
	5065	Electronic Parts And Equipment		7311	Advertising Agencies
	5074	Plumbing & Hydronic Heating Supplies		7335	Commercial Photography
	5075	Warm Air Heating & Air-conditioning		7336	Commercial Art And Graphic Design
	5078	Refrigeration Equipment And Supplies		7349	Building Maintenance Services, Nec
	5082	Construction And Mining Machinery		7352	Medical Equipment Rental
	5083	Farm And Garden Machinery		7359	Equipment Rental & Leasing, Nec
	5084	Industrial Machinery And Equipment		7371	Computer Programming Services
	5085	Industrial Supplies		7372	Prepackaged Software
	5087	Service Establishment Equipment		7373	Computer Integrated Systems Design
	5088	Transportation Equipment & Supplies		7377	Computer Rental & Leasing

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	7379	Computer Related Services, Nec		9711	National Security
	7381	Detective & Armored Car Services			
	7382	Security Systems Services	4-02-002		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Surface Coating Application - General</i>
	7384	Photofinishing Laboratories		1241	Coal Mining Services
	7389	Business Services, Nec		1311	Crude Petroleum And Natural Gas
	7513	Truck Rental And Leasing, No Drivers		1721	Painting And Paper Hanging
	7514	Passenger Car Rental		2047	Dog And Cat Food
	7521	Automobile Parking		2295	Coated Fabrics, Not Rubberized
	7532	Top & Body Repair & Paint Shops		2326	Men's And Boys' Work Clothing
	7533	Auto Exhaust System Repair Shops		2421	Sawmills And Planing Mills, General
	7534	Tire Retreading And Repair Shops		2431	Millwork
	7538	General Automotive Repair Shops		2434	Wood Kitchen Cabinets
	7539	Automotive Repair Shops, Nec		2435	Hardwood Veneer And Plywood
	7542	Carwashes		2449	Wood Containers, Nec
	7549	Automotive Services, Nec		2451	Mobile Homes
	7629	Electrical Repair Shops, Nec		2493	Reconstituted Wood Products
	7641	Reupholstery And Furniture Repair		2499	Wood Products, Nec
	7692	Welding Repair		2519	Household Furniture, Nec
	7694	Armature Rewinding Shops		2531	Public Building & Related Furniture
	7699	Repair Services, Nec		2541	Wood Partitions And Fixtures
	7812	Motion Picture & Video Production		2542	Partitions And Fixtures, Except Wood
	7832	Motion Picture Theaters, Ex Drive-in		2599	Furniture And Fixtures, Nec
	7929	Entertainers & Entertainment Groups		2621	Paper Mills
	7948	Racing, Including Track Operation		2631	Paperboard Mills
	7991	Physical Fitness Facilities		2653	Corrugated And Solid Fiber Boxes
	7996	Amusement Parks		2655	Fiber Cans, Drums & Similar Products
	7999	Amusement And Recreation, Nec		2657	Folding Paperboard Boxes
	8011	Offices & Clinics Of Medical Doctors		2671	Paper Coated & Laminated, Packaging
	8049	Offices Of Health Practitioners, Nec		2672	Paper Coated And Laminated, Nec
	8062	General Medical & Surgical Hospitals		2675	Die-cut Paper And Board
	8063	Psychiatric Hospitals		2679	Converted Paper Products, Nec
	8093	Specialty Outpatient Clinics, Nec		2752	Commercial Printing, Lithographic
	8111	Legal Services		2821	Plastics Materials And Resins
	8211	Elementary And Secondary Schools		2834	Pharmaceutical Preparations
	8221	Colleges And Universities		2841	Soap And Other Detergents
	8222	Junior Colleges		2851	Paints And Allied Products
	8231	Libraries		2891	Adhesives And Sealants
	8249	Vocational Schools, Nec		2899	Chemical Preparations, Nec
	8299	Schools & Educational Services, Nec		3011	Tires And Inner Tubes
	8322	Individual And Family Services		3053	Gaskets, Packing And Sealing Devices
	8361	Residential Care		3069	Fabricated Rubber Products, Nec
	8412	Museums And Art Galleries		3085	Plastics Bottles
	8621	Professional Organizations		3087	Custom Compound Purchased Resins
	8711	Engineering Services		3089	Plastics Products, Nec
	8712	Architectural Services		3111	Leather Tanning And Finishing
	8731	Commercial Physical Research		3143	Men's Footwear, Except Athletic
	8732	Commercial Nonphysical Research		3172	Personal Leather Goods, Nec
	8733	Noncommercial Research Organizations		3229	Pressed And Blown Glass, Nec
	8734	Testing Laboratories		3255	Clay Refractories
	8741	Management Services		3272	Concrete Products, Nec
	8999	Services, Nec		3281	Cut Stone And Stone Products
	9111	Executive Offices		3296	Mineral Wool
	9199	General Government, Nec		3316	Cold Finishing Of Steel Shapes
	9221	Police Protection		3317	Steel Pipe And Tubes
	9223	Correctional Institutions		3321	Gray And Ductile Iron Foundries
	9411	Admin. Of Educational Programs		3322	Malleable Iron Foundries
	9441	Admin. Of Social & Manpower Programs		3325	Steel Foundries, Nec
	9511	Air, Water, & Solid Waste Management		3363	Aluminum Die-castings
	9531	Housing Programs		3365	Aluminum Foundries
	9621	Regulation, Admin. Of Transportation		3411	Metal Cans
	9631	Regulation, Admin. Of Utilities		3412	Metal Barrels, Drums, And Pails
	9661	Space Research And Technology			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3423	Hand And Edge Tools, Nec		3841	Surgical And Medical Instruments
	3429	Hardware, Nec		3861	Photographic Equipment And Supplies
	3442	Metal Doors, Sash, And Trim		3944	Games, Toys, And Children's Vehicles
	3443	Fabricated Plate Work (boiler Shops)		3949	Sporting And Athletic Goods, Nec
	3444	Sheet Metalwork		3996	Hard Surface Floor Coverings, Nec
	3448	Prefabricated Metal Buildings		3999	Manufacturing Industries, Nec
	3449	Miscellaneous Metal Work		4011	Railroads, Line-haul Operating
	3462	Iron And Steel Forgings		4581	Airports, Flying Fields, & Services
	3465	Automotive Stampings		4729	Passenger Transport Arrangement, Nec
	3469	Metal Stampings, Nec		4833	Television Broadcasting Stations
	3471	Plating And Polishing		4911	Electric Services
	3479	Metal Coating And Allied Services		4931	Electric And Other Services Combined
	3489	Ordnance And Accessories, Nec		4953	Refuse Systems
	3494	Valves And Pipe Fittings, Nec		5031	Lumber, Plywood, And Millwork
	3496	Misc. Fabricated Wire Products		5082	Construction And Mining Machinery
	3499	Fabricated Metal Products, Nec		5084	Industrial Machinery And Equipment
	3511	Turbines And Turbine Generator Sets		5141	Groceries, General Line
	3519	Internal Combustion Engines, Nec		5171	Petroleum Bulk Stations & Terminals
	3523	Farm Machinery And Equipment		5411	Grocery Stores
	3524	Lawn And Garden Equipment		5712	Furniture Stores
	3531	Construction Machinery		5912	Drug Stores And Proprietary Stores
	3532	Mining Machinery		6321	Accident And Health Insurance
	3535	Conveyors And Conveying Equipment		7011	Hotels And Motels
	3541	Machine Tools, Metal Cutting Types		7216	Drycleaning Plants, Except Rug
	3544	Special Dies, Tools, Jigs & Fixtures		7312	Outdoor Advertising Services
	3555	Printing Trades Machinery		7521	Automobile Parking
	3556	Food Products Machinery		7532	Top & Body Repair & Paint Shops
	3561	Pumps And Pumping Equipment		7534	Tire Retreading And Repair Shops
	3563	Air And Gas Compressors		7538	General Automotive Repair Shops
	3564	Blowers And Fans		7699	Repair Services, Nec
	3569	General Industrial Machinery, Nec		7812	Motion Picture & Video Production
	3571	Electronic Computers		7996	Amusement Parks
	3572	Computer Storage Devices		7999	Amusement And Recreation, Nec
	3577	Computer Peripheral Equipment, Nec		8062	General Medical & Surgical Hospitals
	3579	Office Machines, Nec		8063	Psychiatric Hospitals
	3581	Automatic Vending Machines		8069	Specialty Hospitals Exc. Psychiatric
	3585	Refrigeration And Heating Equipment		8211	Elementary And Secondary Schools
	3589	Service Industry Machinery, Nec		8221	Colleges And Universities
	3599	Industrial Machinery, Nec		8361	Residential Care
	3612	Transformers, Except Electronic		8731	Commercial Physical Research
	3621	Motors And Generators		8741	Management Services
	3625	Relays And Industrial Controls		9199	General Government, Nec
	3634	Electric Housewares And Fans		9223	Correctional Institutions
	3639	Household Appliances, Nec		9621	Regulation, Admin. Of Transportation
	3641	Electric Lamps		9661	Space Research And Technology
	3645	Residential Lighting Fixtures		9711	National Security
	3651	Household Audio And Video Equipment			
	3661	Telephone And Telegraph Apparatus	4-02-003		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Surface Coating Application - General</i>
	3669	Communications Equipment, Nec		1061	Ferroalloy Ores, Except Vanadium
	3679	Electronic Components, Nec		1721	Painting And Paper Hanging
	3699	Electrical Equipment & Supplies, Nec		2426	Hardwood Dimension & Flooring Mills
	3711	Motor Vehicles And Car Bodies		2431	Millwork
	3713	Truck And Bus Bodies		2434	Wood Kitchen Cabinets
	3714	Motor Vehicle Parts And Accessories		2435	Hardwood Veneer And Plywood
	3715	Truck Trailers		2493	Reconstituted Wood Products
	3724	Aircraft Engines And Engine Parts		2499	Wood Products, Nec
	3728	Aircraft Parts And Equipment, Nec		2511	Wood Household Furniture
	3731	Ship Building And Repairing		2512	Upholstered Household Furniture
	3732	Boat Building And Repairing		2517	Wood Tv And Radio Cabinets
	3743	Railroad Equipment		2521	Wood Office Furniture
	3799	Transportation Equipment, Nec		2522	Office Furniture, Except Wood
	3812	Search And Navigation Equipment			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2531	Public Building & Related Furniture		3844	X-ray Apparatus And Tubes
	2541	Wood Partitions And Fixtures		3845	Electromedical Equipment
	2599	Furniture And Fixtures, Nec		3931	Musical Instruments
	2621	Paper Mills		3944	Games, Toys, And Children's Vehicles
	2655	Fiber Cans, Drums & Similar Products		3949	Sporting And Athletic Goods, Nec
	2656	Sanitary Food Containers		3955	Carbon Paper And Inked Ribbons
	2672	Paper Coated And Laminated, Nec		3991	Brooms And Brushes
	2732	Book Printing		3993	Signs And Advertising Specialities
	2752	Commercial Printing, Lithographic		3995	Burial Caskets
	2759	Commercial Printing, Nec		3999	Manufacturing Industries, Nec
	2875	Fertilizers, Mixing Only		4013	Switching And Terminal Services
	3069	Fabricated Rubber Products, Nec		5065	Electronic Parts And Equipment
	3083	Laminated Plastics Plate & Sheet		5083	Farm And Garden Machinery
	3087	Custom Compound Purchased Resins		5511	New And Used Car Dealers
	3089	Plastics Products, Nec		7216	Drycleaning Plants, Except Rug
	3271	Concrete Block And Brick		7389	Business Services, Nec
	3281	Cut Stone And Stone Products		7532	Top & Body Repair & Paint Shops
	3292	Asbestos Products		7629	Electrical Repair Shops, Nec
	3312	Blast Furnaces And Steel Mills		7641	Reupholstery And Furniture Repair
	3317	Steel Pipe And Tubes		7694	Armature Rewinding Shops
	3357	Nonferrous Wiredrawing & Insulating		8062	General Medical & Surgical Hospitals
	3411	Metal Cans		9199	General Government, Nec
	3412	Metal Barrels, Drums, And Pails		9223	Correctional Institutions
	3429	Hardware, Nec		9711	National Security
	3444	Sheet Metalwork			
	3465	Automotive Stampings	4-02-004	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Surface Coating Application - General</i>	
	3466	Crowns And Closures		1311	Crude Petroleum And Natural Gas
	3469	Metal Stampings, Nec		1521	Single-family Housing Construction
	3471	Plating And Polishing		1799	Special Trade Contractors, Nec
	3479	Metal Coating And Allied Services		2353	Hats, Caps, And Millinery
	3491	Industrial Valves		2411	Logging
	3498	Fabricated Pipe And Fittings		2421	Sawmills And Planing Mills, General
	3499	Fabricated Metal Products, Nec		2426	Hardwood Dimension & Flooring Mills
	3523	Farm Machinery And Equipment		2431	Millwork
	3536	Hoists, Cranes, And Monorails		2434	Wood Kitchen Cabinets
	3542	Machine Tools, Metal Forming Types		2435	Hardwood Veneer And Plywood
	3545	Machine Tool Accessories		2452	Prefabricated Wood Buildings
	3548	Welding Apparatus		2491	Wood Preserving
	3559	Special Industry Machinery, Nec		2499	Wood Products, Nec
	3561	Pumps And Pumping Equipment		2511	Wood Household Furniture
	3599	Industrial Machinery, Nec		2512	Upholstered Household Furniture
	3612	Transformers, Except Electronic		2514	Metal Household Furniture
	3621	Motors And Generators		2517	Wood Tv And Radio Cabinets
	3625	Relays And Industrial Controls		2519	Household Furniture, Nec
	3629	Electrical Industrial Apparatus, Nec		2521	Wood Office Furniture
	3634	Electric Housewares And Fans		2522	Office Furniture, Except Wood
	3674	Semiconductors And Related Devices		2531	Public Building & Related Furniture
	3677	Electronic Coils And Transformers		2541	Wood Partitions And Fixtures
	3679	Electronic Components, Nec		2542	Partitions And Fixtures, Except Wood
	3694	Engine Electrical Equipment		2599	Furniture And Fixtures, Nec
	3699	Electrical Equipment & Supplies, Nec		2655	Fiber Cans, Drums & Similar Products
	3714	Motor Vehicle Parts And Accessories		2671	Paper Coated & Laminated, Packaging
	3715	Truck Trailers		2732	Book Printing
	3716	Motor Homes		2741	Miscellaneous Publishing
	3721	Aircraft		2752	Commercial Printing, Lithographic
	3728	Aircraft Parts And Equipment, Nec		2754	Commercial Printing, Gravure
	3731	Ship Building And Repairing		2759	Commercial Printing, Nec
	3732	Boat Building And Repairing		2771	Greeting Cards
	3743	Railroad Equipment		2821	Plastics Materials And Resins
	3792	Travel Trailers And Campers		2834	Pharmaceutical Preparations
	3825	Instruments To Measure Electricity		2851	Paints And Allied Products
	3841	Surgical And Medical Instruments			



## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2891	Adhesives And Sealants		3632	Household Refrigerators And Freezers
	2911	Petroleum Refining		3634	Electric Housewares And Fans
	3053	Gaskets, Packing And Sealing Devices		3641	Electric Lamps
	3069	Fabricated Rubber Products, Nec		3645	Residential Lighting Fixtures
	3085	Plastics Bottles		3647	Vehicular Lighting Equipment
	3086	Plastics Foam Products		3648	Lighting Equipment, Nec
	3087	Custom Compound Purchased Resins		3651	Household Audio And Video Equipment
	3088	Plastics Plumbing Fixtures		3661	Telephone And Telegraph Apparatus
	3089	Plastics Products, Nec		3663	Radio & TV Communications Equipment
	3111	Leather Tanning And Finishing		3671	Electron Tubes
	3143	Men's Footwear, Except Athletic		3679	Electronic Components, Nec
	3211	Flat Glass		3694	Engine Electrical Equipment
	3261	Vitreous Plumbing Fixtures		3711	Motor Vehicles And Car Bodies
	3269	Pottery Products, Nec		3714	Motor Vehicle Parts And Accessories
	3281	Cut Stone And Stone Products		3715	Truck Trailers
	3291	Abrasive Products		3721	Aircraft
	3312	Blast Furnaces And Steel Mills		3724	Aircraft Engines And Engine Parts
	3321	Gray And Ductile Iron Foundries		3732	Boat Building And Repairing
	3325	Steel Foundries, Nec		3743	Railroad Equipment
	3365	Aluminum Foundries		3792	Travel Trailers And Campers
	3411	Metal Cans		3795	Tanks And Tank Components
	3412	Metal Barrels, Drums, And Pails		3799	Transportation Equipment, Nec
	3423	Hand And Edge Tools, Nec		3812	Search And Navigation Equipment
	3429	Hardware, Nec		3842	Surgical Appliances And Supplies
	3433	Heating Equipment, Except Electric		3844	X-ray Apparatus And Tubes
	3441	Fabricated Structural Metal		3861	Photographic Equipment And Supplies
	3443	Fabricated Plate Work (boiler Shops)		3873	Watches, Clocks, Watchcases & Parts
	3444	Sheet Metalwork		3911	Jewelry, Precious Metal
	3446	Architectural Metal Work		3931	Musical Instruments
	3452	Bolts, Nuts, Rivets, And Washers		3949	Sporting And Athletic Goods, Nec
	3469	Metal Stampings, Nec		3952	Lead Pencils And Art Goods
	3471	Plating And Polishing		3961	Costume Jewelry
	3479	Metal Coating And Allied Services		3991	Brooms And Brushes
	3482	Small Arms Ammunition		3993	Signs And Advertising Specialities
	3484	Small Arms		3995	Burial Caskets
	3494	Valves And Pipe Fittings, Nec		3999	Manufacturing Industries, Nec
	3496	Misc. Fabricated Wire Products		4173	Bus Terminal And Service Facilities
	3497	Metal Foil And Leaf		4213	Trucking, Except Local
	3499	Fabricated Metal Products, Nec		4311	U.S. Postal Service
	3519	Internal Combustion Engines, Nec		4512	Air Transportation, Scheduled
	3531	Construction Machinery		4581	Airports, Flying Fields, & Services
	3532	Mining Machinery		4931	Electric And Other Services Combined
	3534	Elevators And Moving Stairways		4941	Water Supply
	3535	Conveyors And Conveying Equipment		4961	Steam And Air-conditioning Supply
	3541	Machine Tools, Metal Cutting Types		5021	Furniture
	3544	Special Dies, Tools, Jigs & Fixtures		5046	Commercial Equipment, Nec
	3545	Machine Tool Accessories		5092	Toys And Hobby Goods And Supplies
	3548	Welding Apparatus		5211	Lumber And Other Building Materials
	3549	Metalworking Machinery, Nec		5231	Paint, Glass, And Wallpaper Stores
	3553	Woodworking Machinery		5511	New And Used Car Dealers
	3554	Paper Industries Machinery		5561	Recreational Vehicle Dealers
	3559	Special Industry Machinery, Nec		5712	Furniture Stores
	3561	Pumps And Pumping Equipment		5912	Drug Stores And Proprietary Stores
	3562	Ball And Roller Bearings		5932	Used Merchandise Stores
	3566	Speed Changers, Drives, And Gears		5943	Stationery Stores
	3569	General Industrial Machinery, Nec		6553	Cemetery Subdividers And Developers
	3585	Refrigeration And Heating Equipment		7011	Hotels And Motels
	3589	Service Industry Machinery, Nec		7216	Drycleaning Plants, Except Rug
	3592	Carburetors, Pistons, Rings, Valves		7261	Funeral Service And Crematories
	3599	Industrial Machinery, Nec		7312	Outdoor Advertising Services
	3612	Transformers, Except Electronic		7319	Advertising, Nec
	3621	Motors And Generators		7389	Business Services, Nec

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	7514	Passenger Car Rental		3089	Plastics Products, Nec
	7532	Top & Body Repair & Paint Shops		3221	Glass Containers
	7539	Automotive Repair Shops, Nec		3229	Pressed And Blown Glass, Nec
	7542	Carwashes		3231	Products Of Purchased Glass
	7641	Reupholstery And Furniture Repair		3264	Porcelain Electrical Supplies
	7699	Repair Services, Nec		3269	Pottery Products, Nec
	7812	Motion Picture & Video Production		3272	Concrete Products, Nec
	8062	General Medical & Surgical Hospitals		3281	Cut Stone And Stone Products
	8063	Psychiatric Hospitals		3312	Blast Furnaces And Steel Mills
	8069	Specialty Hospitals Exc. Psychiatric		3315	Steel Wire And Related Products
	8221	Colleges And Universities		3316	Cold Finishing Of Steel Shapes
	8222	Junior Colleges		3317	Steel Pipe And Tubes
	8249	Vocational Schools, Nec		3321	Gray And Ductile Iron Foundries
	8322	Individual And Family Services		3341	Secondary Nonferrous Metals
	8733	Noncommercial Research Organizations		3354	Aluminum Extruded Products
	8999	Services, Nec		3355	Aluminum Rolling And Drawing, Nec
	9199	General Government, Nec		3356	Nonferrous Rolling And Drawing, Nec
	9223	Correctional Institutions		3357	Nonferrous Wiredrawing & Insulating
	9711	National Security		3365	Aluminum Foundries
				3366	Copper Foundries
4-02-005		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Surface Coating Application - General</i>		3399	Primary Metal Products, Nec
	1221	Bituminous Coal And Lignite Surface		3411	Metal Cans
	1311	Crude Petroleum And Natural Gas		3412	Metal Barrels, Drums, And Pails
	1531	Operative Builders		3423	Hand And Edge Tools, Nec
	1611	Highway And Street Construction		3429	Hardware, Nec
	1721	Painting And Paper Hanging		3431	Metal Sanitary Ware
	1791	Structural Steel Erection		3441	Fabricated Structural Metal
	1799	Special Trade Contractors, Nec		3442	Metal Doors, Sash, And Trim
	2033	Canned Fruits And Vegetables		3443	Fabricated Plate Work (boiler Shops)
	2052	Cookies And Crackers		3444	Sheet Metalwork
	2111	Cigarettes		3446	Architectural Metal Work
	2421	Sawmills And Planing Mills, General		3448	Prefabricated Metal Buildings
	2431	Millwork		3449	Miscellaneous Metal Work
	2434	Wood Kitchen Cabinets		3452	Bolts, Nuts, Rivets, And Washers
	2441	Nailed Wood Boxes And Shook		3462	Iron And Steel Forgings
	2499	Wood Products, Nec		3469	Metal Stampings, Nec
	2511	Wood Household Furniture		3471	Plating And Polishing
	2512	Upholstered Household Furniture		3479	Metal Coating And Allied Services
	2514	Metal Household Furniture		3489	Ordnance And Accessories, Nec
	2521	Wood Office Furniture		3494	Valves And Pipe Fittings, Nec
	2522	Office Furniture, Except Wood		3495	Wire Springs
	2531	Public Building & Related Furniture		3496	Misc. Fabricated Wire Products
	2541	Wood Partitions And Fixtures		3498	Fabricated Pipe And Fittings
	2542	Partitions And Fixtures, Except Wood		3499	Fabricated Metal Products, Nec
	2599	Furniture And Fixtures, Nec		3519	Internal Combustion Engines, Nec
	2621	Paper Mills		3523	Farm Machinery And Equipment
	2752	Commercial Printing, Lithographic		3524	Lawn And Garden Equipment
	2812	Alkalies And Chlorine		3531	Construction Machinery
	2813	Industrial Gases		3532	Mining Machinery
	2821	Plastics Materials And Resins		3533	Oil And Gas Field Machinery
	2824	Organic Fibers, Noncellulosic		3535	Conveyors And Conveying Equipment
	2834	Pharmaceutical Preparations		3536	Hoists, Cranes, And Monorails
	2851	Paints And Allied Products		3537	Industrial Trucks And Tractors
	2865	Cyclic Crudes And Intermediates		3542	Machine Tools, Metal Forming Types
	2869	Industrial Organic Chemicals, Nec		3545	Machine Tool Accessories
	2891	Adhesives And Sealants		3549	Metalworking Machinery, Nec
	2892	Explosives		3552	Textile Machinery
	2899	Chemical Preparations, Nec		3554	Paper Industries Machinery
	2911	Petroleum Refining		3555	Printing Trades Machinery
	3069	Fabricated Rubber Products, Nec		3556	Food Products Machinery
	3087	Custom Compound Purchased Resins		3559	Special Industry Machinery, Nec
				3561	Pumps And Pumping Equipment

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3563	Air And Gas Compressors		3995	Burial Caskets
	3564	Blowers And Fans		3996	Hard Surface Floor Coverings, Nec
	3566	Speed Changers, Drives, And Gears		3999	Manufacturing Industries, Nec
	3567	Industrial Furnaces And Ovens		4011	Railroads, Line-haul Operating
	3569	General Industrial Machinery, Nec		4013	Switching And Terminal Services
	3579	Office Machines, Nec		4111	Local And Suburban Transit
	3585	Refrigeration And Heating Equipment		4173	Bus Terminal And Service Facilities
	3586	Measuring And Dispensing Pumps		4212	Local Trucking, Without Storage
	3589	Service Industry Machinery, Nec		4213	Trucking, Except Local
	3596	Scales And Balances, Exc. Laboratory		4231	Trucking Terminal Facilities
	3599	Industrial Machinery, Nec		4512	Air Transportation, Scheduled
	3612	Transformers, Except Electronic		4581	Airports, Flying Fields, & Services
	3621	Motors And Generators		4613	Refined Petroleum Pipelines
	3625	Relays And Industrial Controls		4741	Rental Of Railroad Cars
	3629	Electrical Industrial Apparatus, Nec		4911	Electric Services
	3631	Household Cooking Equipment		4923	Gas Transmission And Distribution
	3632	Household Refrigerators And Freezers		4931	Electric And Other Services Combined
	3633	Household Laundry Equipment		4941	Water Supply
	3634	Electric Housewares And Fans		4953	Refuse Systems
	3639	Household Appliances, Nec		4961	Steam And Air-conditioning Supply
	3641	Electric Lamps		5012	Automobiles And Other Motor Vehicles
	3643	Current-carrying Wiring Devices		5015	Motor Vehicle Parts, Used
	3644	Noncurrent-carrying Wiring Devices		5082	Construction And Mining Machinery
	3645	Residential Lighting Fixtures		5085	Industrial Supplies
	3646	Commercial Lighting Fixtures		5093	Scrap And Waste Materials
	3648	Lighting Equipment, Nec		5113	Industrial & Personal Service Paper
	3663	Radio & TV Communications Equipment		5169	Chemicals & Allied Products, Nec
	3669	Communications Equipment, Nec		5171	Petroleum Bulk Stations & Terminals
	3671	Electron Tubes		5211	Lumber And Other Building Materials
	3674	Semiconductors And Related Devices		5231	Paint, Glass, And Wallpaper Stores
	3676	Electronic Resistors		5511	New And Used Car Dealers
	3679	Electronic Components, Nec		5521	Used Car Dealers
	3694	Engine Electrical Equipment		5541	Gasoline Service Stations
	3711	Motor Vehicles And Car Bodies		5712	Furniture Stores
	3713	Truck And Bus Bodies		5943	Stationery Stores
	3714	Motor Vehicle Parts And Accessories		6531	Real Estate Agents And Managers
	3715	Truck Trailers		7011	Hotels And Motels
	3721	Aircraft		7216	Drycleaning Plants, Except Rug
	3724	Aircraft Engines And Engine Parts		7312	Outdoor Advertising Services
	3728	Aircraft Parts And Equipment, Nec		7389	Business Services, Nec
	3731	Ship Building And Repairing		7514	Passenger Car Rental
	3732	Boat Building And Repairing		7521	Automobile Parking
	3743	Railroad Equipment		7532	Top & Body Repair & Paint Shops
	3761	Guided Missiles And Space Vehicles		7538	General Automotive Repair Shops
	3764	Space Propulsion Units And Parts		7549	Automotive Services, Nec
	3792	Travel Trailers And Campers		7629	Electrical Repair Shops, Nec
	3795	Tanks And Tank Components		7641	Reupholstery And Furniture Repair
	3799	Transportation Equipment, Nec		7699	Repair Services, Nec
	3812	Search And Navigation Equipment		7812	Motion Picture & Video Production
	3822	Environmental Controls		7999	Amusement And Recreation, Nec
	3823	Process Control Instruments		8059	Nursing And Personal Care, Nec
	3824	Fluid Meters And Counting Devices		8062	General Medical & Surgical Hospitals
	3841	Surgical And Medical Instruments		8211	Elementary And Secondary Schools
	3842	Surgical Appliances And Supplies		8221	Colleges And Universities
	3843	Dental Equipment And Supplies		8249	Vocational Schools, Nec
	3844	X-ray Apparatus And Tubes		8322	Individual And Family Services
	3845	Electromedical Equipment		8731	Commercial Physical Research
	3851	Ophthalmic Goods		8733	Noncommercial Research Organizations
	3861	Photographic Equipment And Supplies		8734	Testing Laboratories
	3949	Sporting And Athletic Goods, Nec		8999	Services, Nec
	3991	Brooms And Brushes		9199	General Government, Nec
	3993	Signs And Advertising Specialities		9223	Correctional Institutions

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	9611	Admin. Of General Economic Programs		3431	Metal Sanitary Ware
	9711	National Security		3432	Plumbing Fixture Fittings And Trim
4-02-006	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Surface Coating Application - General</i>			3441	Fabricated Structural Metal
	1221	Bituminous Coal And Lignite Surface		3442	Metal Doors, Sash, And Trim
	1311	Crude Petroleum And Natural Gas		3443	Fabricated Plate Work (boiler Shops)
	1531	Operative Builders		3444	Sheet Metalwork
	1721	Painting And Paper Hanging		3446	Architectural Metal Work
	1791	Structural Steel Erection		3448	Prefabricated Metal Buildings
	1799	Special Trade Contractors, Nec		3449	Miscellaneous Metal Work
	2052	Cookies And Crackers		3452	Bolts, Nuts, Rivets, And Washers
	2426	Hardwood Dimension & Flooring Mills		3465	Automotive Stampings
	2431	Millwork		3469	Metal Stampings, Nec
	2434	Wood Kitchen Cabinets		3471	Plating And Polishing
	2435	Hardwood Veneer And Plywood		3479	Metal Coating And Allied Services
	2493	Reconstituted Wood Products		3484	Small Arms
	2499	Wood Products, Nec		3489	Ordnance And Accessories, Nec
	2511	Wood Household Furniture		3494	Valves And Pipe Fittings, Nec
	2512	Upholstered Household Furniture		3496	Misc. Fabricated Wire Products
	2514	Metal Household Furniture		3497	Metal Foil And Leaf
	2517	Wood Tv And Radio Cabinets		3499	Fabricated Metal Products, Nec
	2519	Household Furniture, Nec		3519	Internal Combustion Engines, Nec
	2521	Wood Office Furniture		3523	Farm Machinery And Equipment
	2522	Office Furniture, Except Wood		3524	Lawn And Garden Equipment
	2531	Public Building & Related Furniture		3531	Construction Machinery
	2541	Wood Partitions And Fixtures		3532	Mining Machinery
	2542	Partitions And Fixtures, Except Wood		3533	Oil And Gas Field Machinery
	2599	Furniture And Fixtures, Nec		3535	Conveyors And Conveying Equipment
	2631	Paperboard Mills		3536	Hoists, Cranes, And Monorails
	2671	Paper Coated & Laminated, Packaging		3537	Industrial Trucks And Tractors
	2672	Paper Coated And Laminated, Nec		3542	Machine Tools, Metal Forming Types
	2752	Commercial Printing, Lithographic		3545	Machine Tool Accessories
	2754	Commercial Printing, Gravure		3548	Welding Apparatus
	2771	Greeting Cards		3553	Woodworking Machinery
	2824	Organic Fibers, Noncellulosic		3556	Food Products Machinery
	2834	Pharmaceutical Preparations		3559	Special Industry Machinery, Nec
	2851	Paints And Allied Products		3561	Pumps And Pumping Equipment
	2891	Adhesives And Sealants		3563	Air And Gas Compressors
	2899	Chemical Preparations, Nec		3566	Speed Changers, Drives, And Gears
	2911	Petroleum Refining		3567	Industrial Furnaces And Ovens
	3011	Tires And Inner Tubes		3569	General Industrial Machinery, Nec
	3053	Gaskets, Packing And Sealing Devices		3581	Automatic Vending Machines
	3069	Fabricated Rubber Products, Nec		3585	Refrigeration And Heating Equipment
	3085	Plastics Bottles		3589	Service Industry Machinery, Nec
	3089	Plastics Products, Nec		3596	Scales And Balances, Exc. Laboratory
	3143	Men's Footwear, Except Athletic		3599	Industrial Machinery, Nec
	3231	Products Of Purchased Glass		3612	Transformers, Except Electronic
	3272	Concrete Products, Nec		3621	Motors And Generators
	3275	Gypsum Products		3624	Carbon And Graphite Products
	3292	Asbestos Products		3632	Household Refrigerators And Freezers
	3312	Blast Furnaces And Steel Mills		3633	Household Laundry Equipment
	3321	Gray And Ductile Iron Foundries		3634	Electric Housewares And Fans
	3325	Steel Foundries, Nec		3639	Household Appliances, Nec
	3341	Secondary Nonferrous Metals		3645	Residential Lighting Fixtures
	3354	Aluminum Extruded Products		3663	Radio & TV Communications Equipment
	3356	Nonferrous Rolling And Drawing, Nec		3674	Semiconductors And Related Devices
	3366	Copper Foundries		3675	Electronic Capacitors
	3369	Nonferrous Foundries, Nec		3679	Electronic Components, Nec
	3411	Metal Cans		3711	Motor Vehicles And Car Bodies
	3423	Hand And Edge Tools, Nec		3713	Truck And Bus Bodies
	3429	Hardware, Nec		3714	Motor Vehicle Parts And Accessories
				3715	Truck Trailers
				3716	Motor Homes

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3721	Aircraft		8322	Individual And Family Services
	3724	Aircraft Engines And Engine Parts		8733	Noncommercial Research Organizations
	3728	Aircraft Parts And Equipment, Nec		9111	Executive Offices
	3731	Ship Building And Repairing		9199	General Government, Nec
	3732	Boat Building And Repairing		9223	Correctional Institutions
	3743	Railroad Equipment		9711	National Security
	3764	Space Propulsion Units And Parts			
	3792	Travel Trailers And Campers	4-02-007		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Surface Coating Application - General</i>
	3795	Tanks And Tank Components		1021	Copper Ores
	3799	Transportation Equipment, Nec		1311	Crude Petroleum And Natural Gas
	3812	Search And Navigation Equipment		1799	Special Trade Contractors, Nec
	3826	Analytical Instruments		2047	Dog And Cat Food
	3842	Surgical Appliances And Supplies		2241	Narrow Fabric Mills
	3844	X-ray Apparatus And Tubes		2261	Finishing Plants, Cotton
	3845	Electromedical Equipment		2281	Yarn Spinning Mills
	3861	Photographic Equipment And Supplies		2295	Coated Fabrics, Not Rubberized
	3949	Sporting And Athletic Goods, Nec		2296	Tire Cord And Fabrics
	3993	Signs And Advertising Specialities		2299	Textile Goods, Nec
	3995	Burial Caskets		2396	Automotive And Apparel Trimmings
	3999	Manufacturing Industries, Nec		2426	Hardwood Dimension & Flooring Mills
	4011	Railroads, Line-haul Operating		2431	Millwork
	4013	Switching And Terminal Services		2434	Wood Kitchen Cabinets
	4111	Local And Suburban Transit		2435	Hardwood Veneer And Plywood
	4173	Bus Terminal And Service Facilities		2436	Softwood Veneer And Plywood
	4231	Trucking Terminal Facilities		2451	Mobile Homes
	4311	U.S. Postal Service		2493	Reconstituted Wood Products
	4512	Air Transportation, Scheduled		2499	Wood Products, Nec
	4581	Airports, Flying Fields, & Services		2511	Wood Household Furniture
	4789	Transportation Services, Nec		2512	Upholstered Household Furniture
	4911	Electric Services		2514	Metal Household Furniture
	4931	Electric And Other Services Combined		2515	Mattresses And Bedspings
	4953	Refuse Systems		2517	Wood Tv And Radio Cabinets
	4961	Steam And Air-conditioning Supply		2521	Wood Office Furniture
	5012	Automobiles And Other Motor Vehicles		2522	Office Furniture, Except Wood
	5021	Furniture		2531	Public Building & Related Furniture
	5051	Metals Service Centers And Offices		2541	Wood Partitions And Fixtures
	5113	Industrial & Personal Service Paper		2542	Partitions And Fixtures, Except Wood
	5171	Petroleum Bulk Stations & Terminals		2599	Furniture And Fixtures, Nec
	5211	Lumber And Other Building Materials		2621	Paper Mills
	5511	New And Used Car Dealers		2631	Paperboard Mills
	5521	Used Car Dealers		2653	Corrugated And Solid Fiber Boxes
	5541	Gasoline Service Stations		2655	Fiber Cans, Drums & Similar Products
	5599	Automotive Dealers, Nec		2656	Sanitary Food Containers
	5712	Furniture Stores		2657	Folding Paperboard Boxes
	5932	Used Merchandise Stores		2671	Paper Coated & Laminated, Packaging
	6553	Cemetery Subdividers And Developers		2672	Paper Coated And Laminated, Nec
	7216	Drycleaning Plants, Except Rug		2673	Bags: Plastics, Laminated, & Coated
	7389	Business Services, Nec		2674	Bags: Uncoated Paper & Multiwall
	7514	Passenger Car Rental		2675	Die-cut Paper And Board
	7521	Automobile Parking		2676	Sanitary Paper Products
	7532	Top & Body Repair & Paint Shops		2677	Envelopes
	7538	General Automotive Repair Shops		2679	Converted Paper Products, Nec
	7539	Automotive Repair Shops, Nec		2711	Newspapers
	7629	Electrical Repair Shops, Nec		2721	Periodicals
	7641	Reupholstery And Furniture Repair		2732	Book Printing
	7694	Armature Rewinding Shops		2752	Commercial Printing, Lithographic
	7699	Repair Services, Nec		2754	Commercial Printing, Gravure
	7812	Motion Picture & Video Production		2759	Commercial Printing, Nec
	7999	Amusement And Recreation, Nec		2761	Manifold Business Forms
	8062	General Medical & Surgical Hospitals		2771	Greeting Cards
	8211	Elementary And Secondary Schools		2782	Blankbooks And Looseleaf Binders
	8221	Colleges And Universities			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2816	Inorganic Pigments		3489	Ordnance And Accessories, Nec
	2819	Industrial Inorganic Chemicals, Nec		3491	Industrial Valves
	2821	Plastics Materials And Resins		3499	Fabricated Metal Products, Nec
	2822	Synthetic Rubber		3523	Farm Machinery And Equipment
	2823	Cellulosic Manmade Fibers		3531	Construction Machinery
	2824	Organic Fibers, Noncellulosic		3533	Oil And Gas Field Machinery
	2834	Pharmaceutical Preparations		3534	Elevators And Moving Stairways
	2841	Soap And Other Detergents		3541	Machine Tools, Metal Cutting Types
	2842	Polishes And Sanitation Goods		3555	Printing Trades Machinery
	2851	Paints And Allied Products		3559	Special Industry Machinery, Nec
	2865	Cyclic Crudes And Intermediates		3561	Pumps And Pumping Equipment
	2869	Industrial Organic Chemicals, Nec		3564	Blowers And Fans
	2891	Adhesives And Sealants		3568	Power Transmission Equipment, Nec
	2911	Petroleum Refining		3569	General Industrial Machinery, Nec
	2952	Asphalt Felts And Coatings		3577	Computer Peripheral Equipment, Nec
	3011	Tires And Inner Tubes		3585	Refrigeration And Heating Equipment
	3021	Rubber And Plastics Footwear		3589	Service Industry Machinery, Nec
	3052	Rubber & Plastics Hose & Belting		3599	Industrial Machinery, Nec
	3053	Gaskets, Packing And Sealing Devices		3612	Transformers, Except Electronic
	3061	Mechanical Rubber Goods		3621	Motors And Generators
	3069	Fabricated Rubber Products, Nec		3625	Relays And Industrial Controls
	3081	Unsupported Plastics Film & Sheet		3633	Household Laundry Equipment
	3082	Unsupported Plastics Profile Shapes		3641	Electric Lamps
	3085	Plastics Bottles		3643	Current-carrying Wiring Devices
	3086	Plastics Foam Products		3645	Residential Lighting Fixtures
	3087	Custom Compound Purchased Resins		3651	Household Audio And Video Equipment
	3088	Plastics Plumbing Fixtures		3663	Radio & TV Communications Equipment
	3089	Plastics Products, Nec		3674	Semiconductors And Related Devices
	3111	Leather Tanning And Finishing		3675	Electronic Capacitors
	3131	Footwear Cut Stock		3679	Electronic Components, Nec
	3143	Men's Footwear, Except Athletic		3694	Engine Electrical Equipment
	3144	Women's Footwear, Except Athletic		3711	Motor Vehicles And Car Bodies
	3149	Footwear, Except Rubber, Nec		3713	Truck And Bus Bodies
	3172	Personal Leather Goods, Nec		3714	Motor Vehicle Parts And Accessories
	3221	Glass Containers		3715	Truck Trailers
	3231	Products Of Purchased Glass		3716	Motor Homes
	3291	Abrasive Products		3721	Aircraft
	3292	Asbestos Products		3724	Aircraft Engines And Engine Parts
	3296	Mineral Wool		3728	Aircraft Parts And Equipment, Nec
	3315	Steel Wire And Related Products		3731	Ship Building And Repairing
	3316	Cold Finishing Of Steel Shapes		3732	Boat Building And Repairing
	3321	Gray And Ductile Iron Foundries		3743	Railroad Equipment
	3354	Aluminum Extruded Products		3751	Motorcycles, Bicycles, And Parts
	3357	Nonferrous Wiredrawing & Insulating		3761	Guided Missiles And Space Vehicles
	3411	Metal Cans		3792	Travel Trailers And Campers
	3412	Metal Barrels, Drums, And Pails		3799	Transportation Equipment, Nec
	3421	Cutlery		3812	Search And Navigation Equipment
	3423	Hand And Edge Tools, Nec		3822	Environmental Controls
	3429	Hardware, Nec		3841	Surgical And Medical Instruments
	3433	Heating Equipment, Except Electric		3842	Surgical Appliances And Supplies
	3441	Fabricated Structural Metal		3844	X-ray Apparatus And Tubes
	3442	Metal Doors, Sash, And Trim		3861	Photographic Equipment And Supplies
	3443	Fabricated Plate Work (boiler Shops)		3931	Musical Instruments
	3444	Sheet Metalwork		3949	Sporting And Athletic Goods, Nec
	3446	Architectural Metal Work		3952	Lead Pencils And Art Goods
	3448	Prefabricated Metal Buildings		3991	Brooms And Brushes
	3449	Miscellaneous Metal Work		3993	Signs And Advertising Specialities
	3452	Bolts, Nuts, Rivets, And Washers		3995	Burial Caskets
	3465	Automotive Stampings		3996	Hard Surface Floor Coverings, Nec
	3469	Metal Stampings, Nec		3999	Manufacturing Industries, Nec
	3471	Plating And Polishing		4581	Airports, Flying Fields, & Services
	3479	Metal Coating And Allied Services		4931	Electric And Other Services Combined

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	5087	Service Establishment Equipment		2759	Commercial Printing, Nec
	5113	Industrial & Personal Service Paper		2796	Platemaking Services
	5171	Petroleum Bulk Stations & Terminals		2816	Inorganic Pigments
	5511	New And Used Car Dealers		2821	Plastics Materials And Resins
	5561	Recreational Vehicle Dealers		2834	Pharmaceutical Preparations
	5712	Furniture Stores		2844	Toilet Preparations
	5912	Drug Stores And Proprietary Stores		2851	Paints And Allied Products
	6321	Accident And Health Insurance		2865	Cyclic Crudes And Intermediates
	7389	Business Services, Nec		2891	Adhesives And Sealants
	7532	Top & Body Repair & Paint Shops		2892	Explosives
	7534	Tire Retreading And Repair Shops		2893	Printing Ink
	7538	General Automotive Repair Shops		2899	Chemical Preparations, Nec
	8062	General Medical & Surgical Hospitals		2911	Petroleum Refining
	8734	Testing Laboratories		2951	Asphalt Paving Mixtures And Blocks
	9199	General Government, Nec		3011	Tires And Inner Tubes
	9223	Correctional Institutions		3053	Gaskets, Packing And Sealing Devices
	9711	National Security		3061	Mechanical Rubber Goods
				3069	Fabricated Rubber Products, Nec
4-02-008		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Coating Oven - General</i>		3081	Unsupported Plastics Film & Sheet
	1389	Oil And Gas Field Services, Nec		3085	Plastics Bottles
	1721	Painting And Paper Hanging		3088	Plastics Plumbing Fixtures
	1761	Roofing, Siding, And Sheet Metal Work		3089	Plastics Products, Nec
	1795	Wrecking And Demolition Work		3111	Leather Tanning And Finishing
	2035	Pickles, Sauces, And Salad Dressings		3143	Men's Footwear, Except Athletic
	2041	Flour And Other Grain Mill Products		3221	Glass Containers
	2241	Narrow Fabric Mills		3231	Products Of Purchased Glass
	2261	Finishing Plants, Cotton		3263	Semivitreous Table & Kitchenware
	2262	Finishing Plants, Manmade		3281	Cut Stone And Stone Products
	2269	Finishing Plants, Nec		3291	Abrasive Products
	2281	Yarn Spinning Mills		3292	Asbestos Products
	2295	Coated Fabrics, Not Rubberized		3299	Nonmetallic Mineral Products, Nec
	2297	Nonwoven Fabrics		3312	Blast Furnaces And Steel Mills
	2299	Textile Goods, Nec		3316	Cold Finishing Of Steel Shapes
	2396	Automotive And Apparel Trimmings		3317	Steel Pipe And Tubes
	2399	Fabricated Textile Products, Nec		3321	Gray And Ductile Iron Foundries
	2426	Hardwood Dimension & Flooring Mills		3322	Malleable Iron Foundries
	2431	Millwork		3341	Secondary Nonferrous Metals
	2434	Wood Kitchen Cabinets		3353	Aluminum Sheet, Plate, And Foil
	2435	Hardwood Veneer And Plywood		3354	Aluminum Extruded Products
	2491	Wood Preserving		3356	Nonferrous Rolling And Drawing, Nec
	2499	Wood Products, Nec		3357	Nonferrous Wiredrawing & Insulating
	2511	Wood Household Furniture		3366	Copper Foundries
	2514	Metal Household Furniture		3369	Nonferrous Foundries, Nec
	2517	Wood Tv And Radio Cabinets		3399	Primary Metal Products, Nec
	2521	Wood Office Furniture		3411	Metal Cans
	2522	Office Furniture, Except Wood		3412	Metal Barrels, Drums, And Pails
	2531	Public Building & Related Furniture		3423	Hand And Edge Tools, Nec
	2541	Wood Partitions And Fixtures		3429	Hardware, Nec
	2542	Partitions And Fixtures, Except Wood		3431	Metal Sanitary Ware
	2599	Furniture And Fixtures, Nec		3433	Heating Equipment, Except Electric
	2621	Paper Mills		3441	Fabricated Structural Metal
	2655	Fiber Cans, Drums & Similar Products		3442	Metal Doors, Sash, And Trim
	2656	Sanitary Food Containers		3443	Fabricated Plate Work (boiler Shops)
	2671	Paper Coated & Laminated, Packaging		3444	Sheet Metalwork
	2672	Paper Coated And Laminated, Nec		3446	Architectural Metal Work
	2673	Bags: Plastics, Laminated, & Coated		3448	Prefabricated Metal Buildings
	2679	Converted Paper Products, Nec		3449	Miscellaneous Metal Work
	2731	Book Publishing		3462	Iron And Steel Forgings
	2732	Book Printing		3465	Automotive Stampings
	2752	Commercial Printing, Lithographic		3466	Crowns And Closures
	2754	Commercial Printing, Gravure		3469	Metal Stampings, Nec
				3471	Plating And Polishing

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3479	Metal Coating And Allied Services		3743	Railroad Equipment
	3483	Ammunition, Exc. For Small Arms, Nec		3751	Motorcycles, Bicycles, And Parts
	3489	Ordnance And Accessories, Nec		3761	Guided Missiles And Space Vehicles
	3496	Misc. Fabricated Wire Products		3795	Tanks And Tank Components
	3497	Metal Foil And Leaf		3799	Transportation Equipment, Nec
	3499	Fabricated Metal Products, Nec		3812	Search And Navigation Equipment
	3519	Internal Combustion Engines, Nec		3821	Laboratory Apparatus And Furniture
	3523	Farm Machinery And Equipment		3822	Environmental Controls
	3524	Lawn And Garden Equipment		3826	Analytical Instruments
	3531	Construction Machinery		3829	Measuring & Controlling Devices, Nec
	3532	Mining Machinery		3841	Surgical And Medical Instruments
	3534	Elevators And Moving Stairways		3842	Surgical Appliances And Supplies
	3541	Machine Tools, Metal Cutting Types		3844	X-ray Apparatus And Tubes
	3542	Machine Tools, Metal Forming Types		3845	Electromedical Equipment
	3544	Special Dies, Tools, Jigs & Fixtures		3861	Photographic Equipment And Supplies
	3546	Power-driven Handtools		3873	Watches, Clocks, Watchcases & Parts
	3555	Printing Trades Machinery		3911	Jewelry, Precious Metal
	3559	Special Industry Machinery, Nec		3931	Musical Instruments
	3561	Pumps And Pumping Equipment		3944	Games, Toys, And Children's Vehicles
	3563	Air And Gas Compressors		3949	Sporting And Athletic Goods, Nec
	3564	Blowers And Fans		3955	Carbon Paper And Inked Ribbons
	3567	Industrial Furnaces And Ovens		3965	Fasteners, Buttons, Needles, & Pins
	3569	General Industrial Machinery, Nec		3993	Signs And Advertising Specialities
	3571	Electronic Computers		3995	Burial Caskets
	3579	Office Machines, Nec		3996	Hard Surface Floor Coverings, Nec
	3581	Automatic Vending Machines		3999	Manufacturing Industries, Nec
	3585	Refrigeration And Heating Equipment		4581	Airports, Flying Fields, & Services
	3589	Service Industry Machinery, Nec		4789	Transportation Services, Nec
	3596	Scales And Balances, Exc. Laboratory		4953	Refuse Systems
	3599	Industrial Machinery, Nec		5082	Construction And Mining Machinery
	3612	Transformers, Except Electronic		5085	Industrial Supplies
	3621	Motors And Generators		5511	New And Used Car Dealers
	3625	Relays And Industrial Controls		5712	Furniture Stores
	3629	Electrical Industrial Apparatus, Nec		5984	Liquefied Petroleum Gas Dealers
	3631	Household Cooking Equipment		6512	Nonresidential Building Operators
	3632	Household Refrigerators And Freezers		6513	Apartment Building Operators
	3633	Household Laundry Equipment		7216	Drycleaning Plants, Except Rug
	3634	Electric Housewares And Fans		7389	Business Services, Nec
	3639	Household Appliances, Nec		7532	Top & Body Repair & Paint Shops
	3641	Electric Lamps		7641	Reupholstery And Furniture Repair
	3643	Current-carrying Wiring Devices		7694	Armature Rewinding Shops
	3645	Residential Lighting Fixtures		7699	Repair Services, Nec
	3646	Commercial Lighting Fixtures		8062	General Medical & Surgical Hospitals
	3647	Vehicular Lighting Equipment		8733	Noncommercial Research Organizations
	3648	Lighting Equipment, Nec		8734	Testing Laboratories
	3651	Household Audio And Video Equipment		9223	Correctional Institutions
	3661	Telephone And Telegraph Apparatus		9611	Admin. Of General Economic Programs
	3663	Radio & TV Communications Equipment		9661	Space Research And Technology
	3669	Communications Equipment, Nec		9711	National Security
	3671	Electron Tubes			
	3674	Semiconductors And Related Devices	4-02-009		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Thinning Solvents - General</i>
	3679	Electronic Components, Nec		0181	Ornamental Nursery Products
	3691	Storage Batteries		0723	Crop Preparation Services For Market
	3694	Engine Electrical Equipment		1221	Bituminous Coal And Lignite Surface
	3699	Electrical Equipment & Supplies, Nec		1311	Crude Petroleum And Natural Gas
	3711	Motor Vehicles And Car Bodies		1382	Oil And Gas Exploration Services
	3713	Truck And Bus Bodies		1389	Oil And Gas Field Services, Nec
	3714	Motor Vehicle Parts And Accessories		1521	Single-family Housing Construction
	3721	Aircraft		1531	Operative Builders
	3724	Aircraft Engines And Engine Parts		1611	Highway And Street Construction
	3728	Aircraft Parts And Equipment, Nec		1629	Heavy Construction, Nec
	3731	Ship Building And Repairing			



## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	1721	Painting And Paper Hanging		2653	Corrugated And Solid Fiber Boxes
	1761	Roofing, Siding, And Sheet Metal Work		2655	Fiber Cans, Drums & Similar Products
	1791	Structural Steel Erection		2656	Sanitary Food Containers
	1799	Special Trade Contractors, Nec		2657	Folding Paperboard Boxes
	2011	Meat Packing Plants		2671	Paper Coated & Laminated, Packaging
	2033	Canned Fruits And Vegetables		2672	Paper Coated And Laminated, Nec
	2041	Flour And Other Grain Mill Products		2673	Bags: Plastics, Laminated, & Coated
	2051	Bread, Cake, And Related Products		2677	Envelopes
	2052	Cookies And Crackers		2679	Converted Paper Products, Nec
	2075	Soybean Oil Mills		2711	Newspapers
	2076	Vegetable Oil Mills, Nec		2732	Book Printing
	2082	Malt Beverages		2752	Commercial Printing, Lithographic
	2085	Distilled And Blended Liquors		2754	Commercial Printing, Gravure
	2096	Potato Chips And Similar Snacks		2759	Commercial Printing, Nec
	2211	Broadwoven Fabric Mills, Cotton		2761	Manifold Business Forms
	2221	Broadwoven Fabric Mills, Manmade		2771	Greeting Cards
	2231	Broadwoven Fabric Mills, Wool		2782	Blankbooks And Looseleaf Binders
	2253	Knit Outerwear Mills		2789	Bookbinding And Related Work
	2258	Lace & Warp Knit Fabric Mills		2796	Platemaking Services
	2261	Finishing Plants, Cotton		2812	Alkalies And Chlorine
	2262	Finishing Plants, Manmade		2813	Industrial Gases
	2269	Finishing Plants, Nec		2819	Industrial Inorganic Chemicals, Nec
	2273	Carpets And Rugs		2821	Plastics Materials And Resins
	2281	Yarn Spinning Mills		2822	Synthetic Rubber
	2282	Throwing And Winding Mills		2823	Cellulosic Manmade Fibers
	2284	Thread Mills		2824	Organic Fibers, Noncellulosic
	2295	Coated Fabrics, Not Rubberized		2833	Medicinals And Botanicals
	2296	Tire Cord And Fabrics		2834	Pharmaceutical Preparations
	2297	Nonwoven Fabrics		2841	Soap And Other Detergents
	2298	Cordage And Twine		2842	Polishes And Sanitation Goods
	2299	Textile Goods, Nec		2843	Surface Active Agents
	2329	Men's And Boys' Clothing, Nec		2844	Toilet Preparations
	2392	Housefurnishings, Nec		2851	Paints And Allied Products
	2394	Canvas And Related Products		2865	Cyclic Crudes And Intermediates
	2396	Automotive And Apparel Trimmings		2869	Industrial Organic Chemicals, Nec
	2399	Fabricated Textile Products, Nec		2891	Adhesives And Sealants
	2421	Sawmills And Planing Mills, General		2892	Explosives
	2426	Hardwood Dimension & Flooring Mills		2893	Printing Ink
	2431	Millwork		2899	Chemical Preparations, Nec
	2434	Wood Kitchen Cabinets		2911	Petroleum Refining
	2435	Hardwood Veneer And Plywood		2951	Asphalt Paving Mixtures And Blocks
	2436	Softwood Veneer And Plywood		2992	Lubricating Oils And Greases
	2439	Structural Wood Members, Nec		3011	Tires And Inner Tubes
	2441	Nailed Wood Boxes And Shook		3052	Rubber & Plastics Hose & Belting
	2451	Mobile Homes		3053	Gaskets, Packing And Sealing Devices
	2452	Prefabricated Wood Buildings		3061	Mechanical Rubber Goods
	2493	Reconstituted Wood Products		3069	Fabricated Rubber Products, Nec
	2499	Wood Products, Nec		3081	Unsupported Plastics Film & Sheet
	2511	Wood Household Furniture		3082	Unsupported Plastics Profile Shapes
	2512	Upholstered Household Furniture		3083	Laminated Plastics Plate & Sheet
	2514	Metal Household Furniture		3084	Plastics Pipe
	2517	Wood Tv And Radio Cabinets		3085	Plastics Bottles
	2519	Household Furniture, Nec		3086	Plastics Foam Products
	2521	Wood Office Furniture		3087	Custom Compound Purchased Resins
	2522	Office Furniture, Except Wood		3088	Plastics Plumbing Fixtures
	2531	Public Building & Related Furniture		3089	Plastics Products, Nec
	2541	Wood Partitions And Fixtures		3111	Leather Tanning And Finishing
	2542	Partitions And Fixtures, Except Wood		3143	Men's Footwear, Except Athletic
	2599	Furniture And Fixtures, Nec		3144	Women's Footwear, Except Athletic
	2611	Pulp Mills		3221	Glass Containers
	2621	Paper Mills		3229	Pressed And Blown Glass, Nec
	2631	Paperboard Mills		3231	Products Of Purchased Glass

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3251	Brick And Structural Clay Tile		3497	Metal Foil And Leaf
	3255	Clay Refractories		3498	Fabricated Pipe And Fittings
	3261	Vitreous Plumbing Fixtures		3499	Fabricated Metal Products, Nec
	3264	Porcelain Electrical Supplies		3511	Turbines And Turbine Generator Sets
	3269	Pottery Products, Nec		3519	Internal Combustion Engines, Nec
	3272	Concrete Products, Nec		3523	Farm Machinery And Equipment
	3275	Gypsum Products		3524	Lawn And Garden Equipment
	3281	Cut Stone And Stone Products		3531	Construction Machinery
	3291	Abrasive Products		3532	Mining Machinery
	3292	Asbestos Products		3533	Oil And Gas Field Machinery
	3295	Minerals, Ground Or Treated		3534	Elevators And Moving Stairways
	3296	Mineral Wool		3535	Conveyors And Conveying Equipment
	3299	Nonmetallic Mineral Products, Nec		3536	Hoists, Cranes, And Monorails
	3312	Blast Furnaces And Steel Mills		3537	Industrial Trucks And Tractors
	3315	Steel Wire And Related Products		3541	Machine Tools, Metal Cutting Types
	3317	Steel Pipe And Tubes		3542	Machine Tools, Metal Forming Types
	3321	Gray And Ductile Iron Foundries		3545	Machine Tool Accessories
	3324	Steel Investment Foundries		3548	Welding Apparatus
	3325	Steel Foundries, Nec		3549	Metalworking Machinery, Nec
	3331	Primary Copper		3552	Textile Machinery
	3339	Primary Nonferrous Metals, Nec		3553	Woodworking Machinery
	3341	Secondary Nonferrous Metals		3554	Paper Industries Machinery
	3351	Copper Rolling And Drawing		3555	Printing Trades Machinery
	3353	Aluminum Sheet, Plate, And Foil		3556	Food Products Machinery
	3354	Aluminum Extruded Products		3559	Special Industry Machinery, Nec
	3356	Nonferrous Rolling And Drawing, Nec		3561	Pumps And Pumping Equipment
	3357	Nonferrous Wiredrawing & Insulating		3562	Ball And Roller Bearings
	3363	Aluminum Die-castings		3563	Air And Gas Compressors
	3365	Aluminum Foundries		3564	Blowers And Fans
	3366	Copper Foundries		3566	Speed Changers, Drives, And Gears
	3398	Metal Heat Treating		3567	Industrial Furnaces And Ovens
	3399	Primary Metal Products, Nec		3569	General Industrial Machinery, Nec
	3411	Metal Cans		3571	Electronic Computers
	3412	Metal Barrels, Drums, And Pails		3572	Computer Storage Devices
	3421	Cutlery		3577	Computer Peripheral Equipment, Nec
	3423	Hand And Edge Tools, Nec		3579	Office Machines, Nec
	3429	Hardware, Nec		3581	Automatic Vending Machines
	3431	Metal Sanitary Ware		3582	Commercial Laundry Equipment
	3432	Plumbing Fixture Fittings And Trim		3585	Refrigeration And Heating Equipment
	3433	Heating Equipment, Except Electric		3586	Measuring And Dispensing Pumps
	3441	Fabricated Structural Metal		3589	Service Industry Machinery, Nec
	3442	Metal Doors, Sash, And Trim		3592	Carburetors, Pistons, Rings, Valves
	3443	Fabricated Plate Work (boiler Shops)		3596	Scales And Balances, Exc. Laboratory
	3444	Sheet Metalwork		3599	Industrial Machinery, Nec
	3446	Architectural Metal Work		3612	Transformers, Except Electronic
	3448	Prefabricated Metal Buildings		3621	Motors And Generators
	3449	Miscellaneous Metal Work		3624	Carbon And Graphite Products
	3452	Bolts, Nuts, Rivets, And Washers		3625	Relays And Industrial Controls
	3462	Iron And Steel Forgings		3629	Electrical Industrial Apparatus, Nec
	3465	Automotive Stampings		3632	Household Refrigerators And Freezers
	3466	Crowns And Closures		3633	Household Laundry Equipment
	3469	Metal Stampings, Nec		3634	Electric Housewares And Fans
	3471	Plating And Polishing		3639	Household Appliances, Nec
	3479	Metal Coating And Allied Services		3641	Electric Lamps
	3482	Small Arms Ammunition		3643	Current-carrying Wiring Devices
	3483	Ammunition, Exc. For Small Arms, Nec		3644	Noncurrent-carrying Wiring Devices
	3484	Small Arms		3645	Residential Lighting Fixtures
	3489	Ordnance And Accessories, Nec		3646	Commercial Lighting Fixtures
	3491	Industrial Valves		3648	Lighting Equipment, Nec
	3494	Valves And Pipe Fittings, Nec		3651	Household Audio And Video Equipment
	3495	Wire Springs		3661	Telephone And Telegraph Apparatus
	3496	Misc. Fabricated Wire Products		3663	Radio & TV Communications Equipment

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3671	Electron Tubes		4226	Special Warehousing And Storage, Nec
	3674	Semiconductors And Related Devices		4311	U.S. Postal Service
	3675	Electronic Capacitors		4449	Water Transportation Of Freight, Nec
	3676	Electronic Resistors		4493	Marinas
	3677	Electronic Coils And Transformers		4512	Air Transportation, Scheduled
	3678	Electronic Connectors		4581	Airports, Flying Fields, & Services
	3679	Electronic Components, Nec		4613	Refined Petroleum Pipelines
	3691	Storage Batteries		4741	Rental Of Railroad Cars
	3694	Engine Electrical Equipment		4789	Transportation Services, Nec
	3695	Magnetic And Optical Recording Media		4833	Television Broadcasting Stations
	3699	Electrical Equipment & Supplies, Nec		4911	Electric Services
	3711	Motor Vehicles And Car Bodies		4923	Gas Transmission And Distribution
	3713	Truck And Bus Bodies		4931	Electric And Other Services Combined
	3714	Motor Vehicle Parts And Accessories		4932	Gas And Other Services Combined
	3715	Truck Trailers		4939	Combination Utilities, Nec
	3716	Motor Homes		4941	Water Supply
	3721	Aircraft		4953	Refuse Systems
	3724	Aircraft Engines And Engine Parts		4959	Sanitary Services, Nec
	3728	Aircraft Parts And Equipment, Nec		5012	Automobiles And Other Motor Vehicles
	3731	Ship Building And Repairing		5015	Motor Vehicle Parts, Used
	3732	Boat Building And Repairing		5023	Homefurnishings
	3743	Railroad Equipment		5031	Lumber, Plywood, And Millwork
	3751	Motorcycles, Bicycles, And Parts		5033	Roofing, Siding, & Insulation
	3761	Guided Missiles And Space Vehicles		5039	Construction Materials, Nec
	3764	Space Propulsion Units And Parts		5045	Computers, Peripherals & Software
	3769	Space Vehicle Equipment, Nec		5046	Commercial Equipment, Nec
	3792	Travel Trailers And Campers		5051	Metals Service Centers And Offices
	3795	Tanks And Tank Components		5065	Electronic Parts And Equipment
	3799	Transportation Equipment, Nec		5082	Construction And Mining Machinery
	3812	Search And Navigation Equipment		5083	Farm And Garden Machinery
	3822	Environmental Controls		5084	Industrial Machinery And Equipment
	3823	Process Control Instruments		5085	Industrial Supplies
	3825	Instruments To Measure Electricity		5088	Transportation Equipment & Supplies
	3826	Analytical Instruments		5092	Toys And Hobby Goods And Supplies
	3827	Optical Instruments And Lenses		5093	Scrap And Waste Materials
	3829	Measuring & Controlling Devices, Nec		5113	Industrial & Personal Service Paper
	3841	Surgical And Medical Instruments		5122	Drugs, Proprietaries, And Sundries
	3842	Surgical Appliances And Supplies		5169	Chemicals & Allied Products, Nec
	3843	Dental Equipment And Supplies		5171	Petroleum Bulk Stations & Terminals
	3844	X-ray Apparatus And Tubes		5172	Petroleum Products, Nec
	3845	Electromedical Equipment		5211	Lumber And Other Building Materials
	3861	Photographic Equipment And Supplies		5231	Paint, Glass, And Wallpaper Stores
	3873	Watches, Clocks, Watchcases & Parts		5411	Grocery Stores
	3911	Jewelry, Precious Metal		5511	New And Used Car Dealers
	3931	Musical Instruments		5521	Used Car Dealers
	3944	Games, Toys, And Children's Vehicles		5541	Gasoline Service Stations
	3949	Sporting And Athletic Goods, Nec		5599	Automotive Dealers, Nec
	3951	Pens And Mechanical Pencils		5712	Furniture Stores
	3952	Lead Pencils And Art Goods		5912	Drug Stores And Proprietary Stores
	3955	Carbon Paper And Inked Ribbons		5932	Used Merchandise Stores
	3961	Costume Jewelry		5943	Stationery Stores
	3991	Brooms And Brushes		6512	Nonresidential Building Operators
	3993	Signs And Advertising Specialities		7011	Hotels And Motels
	3995	Burial Caskets		7216	Drycleaning Plants, Except Rug
	3999	Manufacturing Industries, Nec		7261	Funeral Service And Crematories
	4011	Railroads, Line-haul Operating		7312	Outdoor Advertising Services
	4013	Switching And Terminal Services		7359	Equipment Rental & Leasing, Nec
	4111	Local And Suburban Transit		7373	Computer Integrated Systems Design
	4173	Bus Terminal And Service Facilities		7389	Business Services, Nec
	4212	Local Trucking, Without Storage		7514	Passenger Car Rental
	4213	Trucking, Except Local		7519	Utility Trailer Rental
	4215	Courier Services, Except By Air		7532	Top & Body Repair & Paint Shops

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	7534	Tire Retreading And Repair Shops		2392	Housefurnishings, Nec
	7538	General Automotive Repair Shops		2396	Automotive And Apparel Trimmings
	7539	Automotive Repair Shops, Nec		2399	Fabricated Textile Products, Nec
	7542	Carwashes		2426	Hardwood Dimension & Flooring Mills
	7629	Electrical Repair Shops, Nec		2431	Millwork
	7641	Reupholstery And Furniture Repair		2434	Wood Kitchen Cabinets
	7692	Welding Repair		2435	Hardwood Veneer And Plywood
	7694	Armature Rewinding Shops		2451	Mobile Homes
	7699	Repair Services, Nec		2493	Reconstituted Wood Products
	7812	Motion Picture & Video Production		2499	Wood Products, Nec
	7819	Services Allied To Motion Pictures		2511	Wood Household Furniture
	7996	Amusement Parks		2512	Upholstered Household Furniture
	7999	Amusement And Recreation, Nec		2514	Metal Household Furniture
	8011	Offices & Clinics Of Medical Doctors		2515	Mattresses And Bedsprings
	8059	Nursing And Personal Care, Nec		2517	Wood Tv And Radio Cabinets
	8062	General Medical & Surgical Hospitals		2519	Household Furniture, Nec
	8063	Psychiatric Hospitals		2521	Wood Office Furniture
	8069	Specialty Hospitals Exc. Psychiatric		2522	Office Furniture, Except Wood
	8211	Elementary And Secondary Schools		2531	Public Building & Related Furniture
	8221	Colleges And Universities		2541	Wood Partitions And Fixtures
	8222	Junior Colleges		2542	Partitions And Fixtures, Except Wood
	8249	Vocational Schools, Nec		2591	Drapery Hardware & Blinds & Shades
	8711	Engineering Services		2599	Furniture And Fixtures, Nec
	8731	Commercial Physical Research		2621	Paper Mills
	8734	Testing Laboratories		2631	Paperboard Mills
	8999	Services, Nec		2652	Setup Paperboard Boxes
	9111	Executive Offices		2653	Corrugated And Solid Fiber Boxes
	9199	General Government, Nec		2655	Fiber Cans, Drums & Similar Products
	9223	Correctional Institutions		2671	Paper Coated & Laminated, Packaging
	9511	Air, Water, & Solid Waste Management		2672	Paper Coated And Laminated, Nec
	9611	Admin. Of General Economic Programs		2673	Bags: Plastics, Laminated, & Coated
	9621	Regulation, Admin. Of Transportation		2679	Converted Paper Products, Nec
	9661	Space Research And Technology		2711	Newspapers
	9711	National Security		2731	Book Publishing
				2752	Commercial Printing, Lithographic
				2754	Commercial Printing, Gravure
				2759	Commercial Printing, Nec
				2771	Greeting Cards
				2782	Blankbooks And Looseleaf Binders
				2789	Bookbinding And Related Work
				2791	Typesetting
				2796	Platemaking Services
				2819	Industrial Inorganic Chemicals, Nec
				2821	Plastics Materials And Resins
				2834	Pharmaceutical Preparations
				2841	Soap And Other Detergents
				2842	Polishes And Sanitation Goods
				2844	Toilet Preparations
				2851	Paints And Allied Products
				2865	Cyclic Crudes And Intermediates
				2869	Industrial Organic Chemicals, Nec
				2891	Adhesives And Sealants
				2893	Printing Ink
				2899	Chemical Preparations, Nec
				2911	Petroleum Refining
				2951	Asphalt Paving Mixtures And Blocks
				2952	Asphalt Felts And Coatings
				2992	Lubricating Oils And Greases
				3052	Rubber & Plastics Hose & Belting
				3053	Gaskets, Packing And Sealing Devices
				3069	Fabricated Rubber Products, Nec
				3081	Unsupported Plastics Film & Sheet
4-02-010		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Coating Oven Heater</i>			
	0182	Food Crops Grown Under Cover			
	1311	Crude Petroleum And Natural Gas			
	1711	Plumbing, Heating, Air-conditioning			
	1721	Painting And Paper Hanging			
	1799	Special Trade Contractors, Nec			
	2033	Canned Fruits And Vegetables			
	2035	Pickles, Sauces, And Salad Dressings			
	2041	Flour And Other Grain Mill Products			
	2052	Cookies And Crackers			
	2091	Canned And Cured Fish And Seafoods			
	2096	Potato Chips And Similar Snacks			
	2099	Food Preparations, Nec			
	2211	Broadwoven Fabric Mills, Cotton			
	2241	Narrow Fabric Mills			
	2251	Women's Hosiery, Except Socks			
	2253	Knit Outerwear Mills			
	2261	Finishing Plants, Cotton			
	2262	Finishing Plants, Manmade			
	2269	Finishing Plants, Nec			
	2273	Carpets And Rugs			
	2295	Coated Fabrics, Not Rubberized			
	2296	Tire Cord And Fabrics			
	2298	Cordage And Twine			
	2299	Textile Goods, Nec			
	2329	Men's And Boys' Clothing, Nec			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3082	Unsupported Plastics Profile Shapes		3492	Fluid Power Valves & Hose Fittings
	3083	Laminated Plastics Plate & Sheet		3496	Misc. Fabricated Wire Products
	3084	Plastics Pipe		3499	Fabricated Metal Products, Nec
	3085	Plastics Bottles		3511	Turbines And Turbine Generator Sets
	3086	Plastics Foam Products		3519	Internal Combustion Engines, Nec
	3087	Custom Compound Purchased Resins		3523	Farm Machinery And Equipment
	3088	Plastics Plumbing Fixtures		3524	Lawn And Garden Equipment
	3089	Plastics Products, Nec		3531	Construction Machinery
	3149	Footwear, Except Rubber, Nec		3532	Mining Machinery
	3221	Glass Containers		3533	Oil And Gas Field Machinery
	3229	Pressed And Blown Glass, Nec		3534	Elevators And Moving Stairways
	3231	Products Of Purchased Glass		3535	Conveyors And Conveying Equipment
	3255	Clay Refractories		3537	Industrial Trucks And Tractors
	3259	Structural Clay Products, Nec		3541	Machine Tools, Metal Cutting Types
	3272	Concrete Products, Nec		3544	Special Dies, Tools, Jigs & Fixtures
	3275	Gypsum Products		3548	Welding Apparatus
	3281	Cut Stone And Stone Products		3552	Textile Machinery
	3291	Abrasive Products		3555	Printing Trades Machinery
	3292	Asbestos Products		3556	Food Products Machinery
	3295	Minerals, Ground Or Treated		3559	Special Industry Machinery, Nec
	3296	Mineral Wool		3561	Pumps And Pumping Equipment
	3299	Nonmetallic Mineral Products, Nec		3566	Speed Changers, Drives, And Gears
	3312	Blast Furnaces And Steel Mills		3569	General Industrial Machinery, Nec
	3315	Steel Wire And Related Products		3577	Computer Peripheral Equipment, Nec
	3316	Cold Finishing Of Steel Shapes		3579	Office Machines, Nec
	3317	Steel Pipe And Tubes		3581	Automatic Vending Machines
	3321	Gray And Ductile Iron Foundries		3582	Commercial Laundry Equipment
	3324	Steel Investment Foundries		3585	Refrigeration And Heating Equipment
	3325	Steel Foundries, Nec		3589	Service Industry Machinery, Nec
	3334	Primary Aluminum		3594	Fluid Power Pumps And Motors
	3351	Copper Rolling And Drawing		3596	Scales And Balances, Exc. Laboratory
	3353	Aluminum Sheet, Plate, And Foil		3599	Industrial Machinery, Nec
	3354	Aluminum Extruded Products		3612	Transformers, Except Electronic
	3357	Nonferrous Wiredrawing & Insulating		3621	Motors And Generators
	3365	Aluminum Foundries		3624	Carbon And Graphite Products
	3366	Copper Foundries		3625	Relays And Industrial Controls
	3369	Nonferrous Foundries, Nec		3629	Electrical Industrial Apparatus, Nec
	3398	Metal Heat Treating		3631	Household Cooking Equipment
	3399	Primary Metal Products, Nec		3632	Household Refrigerators And Freezers
	3411	Metal Cans		3634	Electric Housewares And Fans
	3412	Metal Barrels, Drums, And Pails		3639	Household Appliances, Nec
	3429	Hardware, Nec		3641	Electric Lamps
	3431	Metal Sanitary Ware		3643	Current-carrying Wiring Devices
	3432	Plumbing Fixture Fittings And Trim		3645	Residential Lighting Fixtures
	3433	Heating Equipment, Except Electric		3646	Commercial Lighting Fixtures
	3441	Fabricated Structural Metal		3647	Vehicular Lighting Equipment
	3442	Metal Doors, Sash, And Trim		3648	Lighting Equipment, Nec
	3443	Fabricated Plate Work (boiler Shops)		3651	Household Audio And Video Equipment
	3444	Sheet Metalwork		3652	Prerecorded Records And Tapes
	3446	Architectural Metal Work		3663	Radio & TV Communications Equipment
	3448	Prefabricated Metal Buildings		3669	Communications Equipment, Nec
	3449	Miscellaneous Metal Work		3671	Electron Tubes
	3452	Bolts, Nuts, Rivets, And Washers		3674	Semiconductors And Related Devices
	3462	Iron And Steel Forgings		3675	Electronic Capacitors
	3465	Automotive Stampings		3677	Electronic Coils And Transformers
	3466	Crowns And Closures		3679	Electronic Components, Nec
	3469	Metal Stampings, Nec		3694	Engine Electrical Equipment
	3471	Plating And Polishing		3699	Electrical Equipment & Supplies, Nec
	3479	Metal Coating And Allied Services		3711	Motor Vehicles And Car Bodies
	3482	Small Arms Ammunition		3713	Truck And Bus Bodies
	3483	Ammunition, Exc. For Small Arms, Nec		3714	Motor Vehicle Parts And Accessories
	3489	Ordnance And Accessories, Nec		3715	Truck Trailers

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3721	Aircraft		5912	Drug Stores And Proprietary Stores
	3728	Aircraft Parts And Equipment, Nec		5932	Used Merchandise Stores
	3732	Boat Building And Repairing		6021	National Commercial Banks
	3743	Railroad Equipment		6512	Nonresidential Building Operators
	3751	Motorcycles, Bicycles, And Parts		6513	Apartment Building Operators
	3761	Guided Missiles And Space Vehicles		6552	Subdividers And Developers, Nec
	3764	Space Propulsion Units And Parts		7011	Hotels And Motels
	3769	Space Vehicle Equipment, Nec		7216	Drycleaning Plants, Except Rug
	3799	Transportation Equipment, Nec		7336	Commercial Art And Graphic Design
	3812	Search And Navigation Equipment		7389	Business Services, Nec
	3821	Laboratory Apparatus And Furniture		7515	Passenger Car Leasing
	3822	Environmental Controls		7532	Top & Body Repair & Paint Shops
	3825	Instruments To Measure Electricity		7534	Tire Retreading And Repair Shops
	3827	Optical Instruments And Lenses		7536	Automotive Glass Replacement Shops
	3829	Measuring & Controlling Devices, Nec		7538	General Automotive Repair Shops
	3841	Surgical And Medical Instruments		7539	Automotive Repair Shops, Nec
	3842	Surgical Appliances And Supplies		7629	Electrical Repair Shops, Nec
	3843	Dental Equipment And Supplies		7694	Armature Rewinding Shops
	3845	Electromedical Equipment		7699	Repair Services, Nec
	3851	Ophthalmic Goods		7812	Motion Picture & Video Production
	3861	Photographic Equipment And Supplies		7819	Services Allied To Motion Pictures
	3914	Silverware And Plated Ware		7999	Amusement And Recreation, Nec
	3931	Musical Instruments		8062	General Medical & Surgical Hospitals
	3942	Dolls And Stuffed Toys		8211	Elementary And Secondary Schools
	3944	Games, Toys, And Children's Vehicles		8221	Colleges And Universities
	3949	Sporting And Athletic Goods, Nec		8222	Junior Colleges
	3965	Fasteners, Buttons, Needles, & Pins		8711	Engineering Services
	3991	Brooms And Brushes		8999	Services, Nec
	3993	Signs And Advertising Specialities		9199	General Government, Nec
	3995	Burial Caskets		9223	Correctional Institutions
	3996	Hard Surface Floor Coverings, Nec		9611	Admin. Of General Economic Programs
	3999	Manufacturing Industries, Nec		9711	National Security
	4491	Marine Cargo Handling			
	4581	Airports, Flying Fields, & Services	4-02-025	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Miscellaneous Metal Parts</i>	
	4741	Rental Of Railroad Cars		0111	Wheat
	4789	Transportation Services, Nec		1021	Copper Ores
	4833	Television Broadcasting Stations		1311	Crude Petroleum And Natural Gas
	4911	Electric Services		1611	Highway And Street Construction
	5015	Motor Vehicle Parts, Used		1623	Water, Sewer, And Utility Lines
	5031	Lumber, Plywood, And Millwork		1721	Painting And Paper Hanging
	5044	Office Equipment		1799	Special Trade Contractors, Nec
	5051	Metals Service Centers And Offices		2052	Cookies And Crackers
	5064	Electrical Appliances, TV & Radios		2068	Salted And Roasted Nuts And Seeds
	5065	Electronic Parts And Equipment		2082	Malt Beverages
	5072	Hardware		2295	Coated Fabrics, Not Rubberized
	5078	Refrigeration Equipment And Supplies		2299	Textile Goods, Nec
	5082	Construction And Mining Machinery		2399	Fabricated Textile Products, Nec
	5084	Industrial Machinery And Equipment		2431	Millwork
	5085	Industrial Supplies		2434	Wood Kitchen Cabinets
	5088	Transportation Equipment & Supplies		2439	Structural Wood Members, Nec
	5092	Toys And Hobby Goods And Supplies		2451	Mobile Homes
	5093	Scrap And Waste Materials		2511	Wood Household Furniture
	5099	Durable Goods, Nec		2514	Metal Household Furniture
	5111	Printing And Writing Paper		2517	Wood Tv And Radio Cabinets
	5112	Stationery And Office Supplies		2522	Office Furniture, Except Wood
	5113	Industrial & Personal Service Paper		2531	Public Building & Related Furniture
	5199	Nondurable Goods, Nec		2542	Partitions And Fixtures, Except Wood
	5211	Lumber And Other Building Materials		2591	Drapery Hardware & Blinds & Shades
	5311	Department Stores		2599	Furniture And Fixtures, Nec
	5411	Grocery Stores		2656	Sanitary Food Containers
	5511	New And Used Car Dealers		2671	Paper Coated & Laminated, Packaging
	5712	Furniture Stores			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2672	Paper Coated And Laminated, Nec		3449	Miscellaneous Metal Work
	2752	Commercial Printing, Lithographic		3452	Bolts, Nuts, Rivets, And Washers
	2759	Commercial Printing, Nec		3462	Iron And Steel Forgings
	2796	Platemaking Services		3465	Automotive Stampings
	2821	Plastics Materials And Resins		3466	Crowns And Closures
	2842	Polishes And Sanitation Goods		3469	Metal Stampings, Nec
	2844	Toilet Preparations		3471	Plating And Polishing
	2851	Paints And Allied Products		3479	Metal Coating And Allied Services
	2869	Industrial Organic Chemicals, Nec		3482	Small Arms Ammunition
	2892	Explosives		3483	Ammunition, Exc. For Small Arms, Nec
	2899	Chemical Preparations, Nec		3484	Small Arms
	2951	Asphalt Paving Mixtures And Blocks		3489	Ordnance And Accessories, Nec
	2992	Lubricating Oils And Greases		3491	Industrial Valves
	3011	Tires And Inner Tubes		3492	Fluid Power Valves & Hose Fittings
	3052	Rubber & Plastics Hose & Belting		3493	Steel Springs, Except Wire
	3053	Gaskets, Packing And Sealing Devices		3494	Valves And Pipe Fittings, Nec
	3069	Fabricated Rubber Products, Nec		3495	Wire Springs
	3082	Unsupported Plastics Profile Shapes		3496	Misc. Fabricated Wire Products
	3083	Laminated Plastics Plate & Sheet		3498	Fabricated Pipe And Fittings
	3085	Plastics Bottles		3499	Fabricated Metal Products, Nec
	3086	Plastics Foam Products		3511	Turbines And Turbine Generator Sets
	3089	Plastics Products, Nec		3519	Internal Combustion Engines, Nec
	3221	Glass Containers		3523	Farm Machinery And Equipment
	3231	Products Of Purchased Glass		3524	Lawn And Garden Equipment
	3264	Porcelain Electrical Supplies		3531	Construction Machinery
	3272	Concrete Products, Nec		3532	Mining Machinery
	3275	Gypsum Products		3533	Oil And Gas Field Machinery
	3281	Cut Stone And Stone Products		3534	Elevators And Moving Stairways
	3292	Asbestos Products		3535	Conveyors And Conveying Equipment
	3295	Minerals, Ground Or Treated		3536	Hoists, Cranes, And Monorails
	3312	Blast Furnaces And Steel Mills		3537	Industrial Trucks And Tractors
	3313	Electrometallurgical Products		3541	Machine Tools, Metal Cutting Types
	3315	Steel Wire And Related Products		3542	Machine Tools, Metal Forming Types
	3316	Cold Finishing Of Steel Shapes		3543	Industrial Patterns
	3317	Steel Pipe And Tubes		3544	Special Dies, Tools, Jigs & Fixtures
	3321	Gray And Ductile Iron Foundries		3545	Machine Tool Accessories
	3322	Malleable Iron Foundries		3548	Welding Apparatus
	3325	Steel Foundries, Nec		3549	Metalworking Machinery, Nec
	3341	Secondary Nonferrous Metals		3552	Textile Machinery
	3351	Copper Rolling And Drawing		3553	Woodworking Machinery
	3353	Aluminum Sheet, Plate, And Foil		3554	Paper Industries Machinery
	3354	Aluminum Extruded Products		3555	Printing Trades Machinery
	3355	Aluminum Rolling And Drawing, Nec		3556	Food Products Machinery
	3357	Nonferrous Wiredrawing & Insulating		3559	Special Industry Machinery, Nec
	3365	Aluminum Foundries		3561	Pumps And Pumping Equipment
	3369	Nonferrous Foundries, Nec		3563	Air And Gas Compressors
	3398	Metal Heat Treating		3564	Blowers And Fans
	3399	Primary Metal Products, Nec		3566	Speed Changers, Drives, And Gears
	3411	Metal Cans		3567	Industrial Furnaces And Ovens
	3412	Metal Barrels, Drums, And Pails		3568	Power Transmission Equipment, Nec
	3421	Cutlery		3569	General Industrial Machinery, Nec
	3423	Hand And Edge Tools, Nec		3571	Electronic Computers
	3425	Saw Blades And Handsaws		3577	Computer Peripheral Equipment, Nec
	3429	Hardware, Nec		3579	Office Machines, Nec
	3432	Plumbing Fixture Fittings And Trim		3581	Automatic Vending Machines
	3433	Heating Equipment, Except Electric		3585	Refrigeration And Heating Equipment
	3441	Fabricated Structural Metal		3586	Measuring And Dispensing Pumps
	3442	Metal Doors, Sash, And Trim		3589	Service Industry Machinery, Nec
	3443	Fabricated Plate Work (boiler Shops)		3592	Carburetors, Pistons, Rings, Valves
	3444	Sheet Metalwork		3593	Fluid Power Cylinders & Actuators
	3446	Architectural Metal Work		3594	Fluid Power Pumps And Motors
	3448	Prefabricated Metal Buildings		3596	Scales And Balances, Exc. Laboratory

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3599	Industrial Machinery, Nec		3955	Carbon Paper And Inked Ribbons
	3612	Transformers, Except Electronic		3961	Costume Jewelry
	3621	Motors And Generators		3965	Fasteners, Buttons, Needles, & Pins
	3625	Relays And Industrial Controls		3993	Signs And Advertising Specialities
	3629	Electrical Industrial Apparatus, Nec		3995	Burial Caskets
	3631	Household Cooking Equipment		3996	Hard Surface Floor Coverings, Nec
	3632	Household Refrigerators And Freezers		3999	Manufacturing Industries, Nec
	3633	Household Laundry Equipment		4011	Railroads, Line-haul Operating
	3634	Electric Housewares And Fans		4111	Local And Suburban Transit
	3639	Household Appliances, Nec		4226	Special Warehousing And Storage, Nec
	3641	Electric Lamps		4231	Trucking Terminal Facilities
	3643	Current-carrying Wiring Devices		4512	Air Transportation, Scheduled
	3644	Noncurrent-carrying Wiring Devices		4581	Airports, Flying Fields, & Services
	3645	Residential Lighting Fixtures		4741	Rental Of Railroad Cars
	3646	Commercial Lighting Fixtures		4789	Transportation Services, Nec
	3647	Vehicular Lighting Equipment		4911	Electric Services
	3648	Lighting Equipment, Nec		4931	Electric And Other Services Combined
	3651	Household Audio And Video Equipment		5012	Automobiles And Other Motor Vehicles
	3661	Telephone And Telegraph Apparatus		5015	Motor Vehicle Parts, Used
	3663	Radio & TV Communications Equipment		5045	Computers, Peripherals & Software
	3671	Electron Tubes		5051	Metals Service Centers And Offices
	3674	Semiconductors And Related Devices		5072	Hardware
	3675	Electronic Capacitors		5082	Construction And Mining Machinery
	3676	Electronic Resistors		5083	Farm And Garden Machinery
	3677	Electronic Coils And Transformers		5084	Industrial Machinery And Equipment
	3679	Electronic Components, Nec		5085	Industrial Supplies
	3694	Engine Electrical Equipment		5092	Toys And Hobby Goods And Supplies
	3699	Electrical Equipment & Supplies, Nec		5093	Scrap And Waste Materials
	3711	Motor Vehicles And Car Bodies		5169	Chemicals & Allied Products, Nec
	3713	Truck And Bus Bodies		5712	Furniture Stores
	3714	Motor Vehicle Parts And Accessories		6021	National Commercial Banks
	3715	Truck Trailers		6512	Nonresidential Building Operators
	3721	Aircraft		6513	Apartment Building Operators
	3724	Aircraft Engines And Engine Parts		7216	Drycleaning Plants, Except Rug
	3728	Aircraft Parts And Equipment, Nec		7389	Business Services, Nec
	3731	Ship Building And Repairing		7532	Top & Body Repair & Paint Shops
	3743	Railroad Equipment		7538	General Automotive Repair Shops
	3751	Motorcycles, Bicycles, And Parts		7539	Automotive Repair Shops, Nec
	3761	Guided Missiles And Space Vehicles		7629	Electrical Repair Shops, Nec
	3764	Space Propulsion Units And Parts		7692	Welding Repair
	3769	Space Vehicle Equipment, Nec		7694	Armature Rewinding Shops
	3792	Travel Trailers And Campers		7699	Repair Services, Nec
	3795	Tanks And Tank Components		7812	Motion Picture & Video Production
	3799	Transportation Equipment, Nec		8011	Offices & Clinics Of Medical Doctors
	3812	Search And Navigation Equipment		8062	General Medical & Surgical Hospitals
	3821	Laboratory Apparatus And Furniture		8211	Elementary And Secondary Schools
	3822	Environmental Controls		8711	Engineering Services
	3823	Process Control Instruments		8731	Commercial Physical Research
	3824	Fluid Meters And Counting Devices		8734	Testing Laboratories
	3825	Instruments To Measure Electricity		9199	General Government, Nec
	3826	Analytical Instruments		9223	Correctional Institutions
	3827	Optical Instruments And Lenses		9511	Air, Water, & Solid Waste Management
	3829	Measuring & Controlling Devices, Nec		9661	Space Research And Technology
	3841	Surgical And Medical Instruments		9711	National Security
	3842	Surgical Appliances And Supplies			
	3843	Dental Equipment And Supplies			
	3844	X-ray Apparatus And Tubes			
	3845	Electromedical Equipment			
	3861	Photographic Equipment And Supplies			
	3914	Silverware And Plated Ware			
	3944	Games, Toys, And Children's Vehicles			
	3949	Sporting And Athletic Goods, Nec			
			4-02-040	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Printing</i>	
				2211	Broadwoven Fabric Mills, Cotton
				2221	Broadwoven Fabric Mills, Manmade
				2231	Broadwoven Fabric Mills, Wool
				2251	Women's Hosiery, Except Socks
				2252	Hosiery, Nec



## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2258	Lace & Warp Knit Fabric Mills		2299	Textile Goods, Nec
	2259	Knitting Mills, Nec			
	2261	Finishing Plants, Cotton	4-02-044	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Coating, Transfer Coating</i>	
	2262	Finishing Plants, Manmade		2211	Broadwoven Fabric Mills, Cotton
	2269	Finishing Plants, Nec		2221	Broadwoven Fabric Mills, Manmade
	2273	Carpets And Rugs		2231	Broadwoven Fabric Mills, Wool
	2281	Yarn Spinning Mills		2251	Women's Hosiery, Except Socks
	2282	Throwing And Winding Mills		2252	Hosiery, Nec
	2297	Nonwoven Fabrics		2258	Lace & Warp Knit Fabric Mills
	2299	Textile Goods, Nec		2259	Knitting Mills, Nec
4-02-041	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Coating, Knife Coating</i>			2261	Finishing Plants, Cotton
	2211	Broadwoven Fabric Mills, Cotton		2262	Finishing Plants, Manmade
	2221	Broadwoven Fabric Mills, Manmade		2269	Finishing Plants, Nec
	2231	Broadwoven Fabric Mills, Wool		2273	Carpets And Rugs
	2251	Women's Hosiery, Except Socks		2281	Yarn Spinning Mills
	2252	Hosiery, Nec		2282	Throwing And Winding Mills
	2258	Lace & Warp Knit Fabric Mills		2297	Nonwoven Fabrics
	2259	Knitting Mills, Nec		2299	Textile Goods, Nec
	2261	Finishing Plants, Cotton	4-02-045	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Coating, Extrusion Coating</i>	
	2262	Finishing Plants, Manmade		2211	Broadwoven Fabric Mills, Cotton
	2269	Finishing Plants, Nec		2221	Broadwoven Fabric Mills, Manmade
	2273	Carpets And Rugs		2231	Broadwoven Fabric Mills, Wool
	2281	Yarn Spinning Mills		2251	Women's Hosiery, Except Socks
	2282	Throwing And Winding Mills		2252	Hosiery, Nec
	2297	Nonwoven Fabrics		2258	Lace & Warp Knit Fabric Mills
	2299	Textile Goods, Nec		2259	Knitting Mills, Nec
				2261	Finishing Plants, Cotton
4-02-042	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Coating, Roller Coating</i>			2262	Finishing Plants, Manmade
	2211	Broadwoven Fabric Mills, Cotton		2269	Finishing Plants, Nec
	2221	Broadwoven Fabric Mills, Manmade		2273	Carpets And Rugs
	2231	Broadwoven Fabric Mills, Wool		2281	Yarn Spinning Mills
	2251	Women's Hosiery, Except Socks		2282	Throwing And Winding Mills
	2252	Hosiery, Nec		2297	Nonwoven Fabrics
	2258	Lace & Warp Knit Fabric Mills		2299	Textile Goods, Nec
	2259	Knitting Mills, Nec	4-02-046	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Coating, Melt Roll Coating</i>	
	2261	Finishing Plants, Cotton		2211	Broadwoven Fabric Mills, Cotton
	2262	Finishing Plants, Manmade		2221	Broadwoven Fabric Mills, Manmade
	2269	Finishing Plants, Nec		2231	Broadwoven Fabric Mills, Wool
	2273	Carpets And Rugs		2251	Women's Hosiery, Except Socks
	2281	Yarn Spinning Mills		2252	Hosiery, Nec
	2282	Throwing And Winding Mills		2258	Lace & Warp Knit Fabric Mills
	2297	Nonwoven Fabrics		2259	Knitting Mills, Nec
	2299	Textile Goods, Nec		2261	Finishing Plants, Cotton
4-02-043	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Coating, Dip Coating</i>			2262	Finishing Plants, Manmade
	2211	Broadwoven Fabric Mills, Cotton		2269	Finishing Plants, Nec
	2221	Broadwoven Fabric Mills, Manmade		2273	Carpets And Rugs
	2231	Broadwoven Fabric Mills, Wool		2281	Yarn Spinning Mills
	2251	Women's Hosiery, Except Socks		2282	Throwing And Winding Mills
	2252	Hosiery, Nec		2297	Nonwoven Fabrics
	2258	Lace & Warp Knit Fabric Mills		2299	Textile Goods, Nec
	2259	Knitting Mills, Nec	4-02-047	<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Coating, Coagulation Coating</i>	
	2261	Finishing Plants, Cotton		2211	Broadwoven Fabric Mills, Cotton
	2262	Finishing Plants, Manmade		2221	Broadwoven Fabric Mills, Manmade
	2269	Finishing Plants, Nec		2231	Broadwoven Fabric Mills, Wool
	2273	Carpets And Rugs		2251	Women's Hosiery, Except Socks
	2281	Yarn Spinning Mills		2252	Hosiery, Nec
	2282	Throwing And Winding Mills			
	2297	Nonwoven Fabrics			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2258	Lace & Warp Knit Fabric Mills		3053	Gaskets, Packing And Sealing Devices
	2259	Knitting Mills, Nec		3069	Fabricated Rubber Products, Nec
	2261	Finishing Plants, Cotton		3081	Unsupported Plastics Film & Sheet
	2262	Finishing Plants, Manmade		3083	Laminated Plastics Plate & Sheet
	2269	Finishing Plants, Nec		3085	Plastics Bottles
	2273	Carpets And Rugs		3086	Plastics Foam Products
	2281	Yarn Spinning Mills		3089	Plastics Products, Nec
	2282	Throwing And Winding Mills		3111	Leather Tanning And Finishing
	2297	Nonwoven Fabrics		3131	Footwear Cut Stock
	2299	Textile Goods, Nec		3144	Women's Footwear, Except Athletic
				3211	Flat Glass
4-02-060		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fabric Dyeing</i>		3229	Pressed And Blown Glass, Nec
	2211	Broadwoven Fabric Mills, Cotton		3231	Products Of Purchased Glass
	2221	Broadwoven Fabric Mills, Manmade		3291	Abrasive Products
	2231	Broadwoven Fabric Mills, Wool		3292	Asbestos Products
	2251	Women's Hosiery, Except Socks		3296	Mineral Wool
	2252	Hosiery, Nec		3299	Nonmetallic Mineral Products, Nec
	2258	Lace & Warp Knit Fabric Mills		3312	Blast Furnaces And Steel Mills
	2259	Knitting Mills, Nec		3315	Steel Wire And Related Products
	2261	Finishing Plants, Cotton		3317	Steel Pipe And Tubes
	2262	Finishing Plants, Manmade		3354	Aluminum Extruded Products
	2269	Finishing Plants, Nec		3357	Nonferrous Wiredrawing & Insulating
	2273	Carpets And Rugs		3399	Primary Metal Products, Nec
	2281	Yarn Spinning Mills		3411	Metal Cans
	2282	Throwing And Winding Mills		3412	Metal Barrels, Drums, And Pails
	2297	Nonwoven Fabrics		3441	Fabricated Structural Metal
	2299	Textile Goods, Nec		3442	Metal Doors, Sash, And Trim
				3443	Fabricated Plate Work (boiler Shops)
				3448	Prefabricated Metal Buildings
4-02-888		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fugitive Emissions</i>		3462	Iron And Steel Forgings
	1721	Painting And Paper Hanging		3471	Plating And Polishing
	2062	Cane Sugar Refining		3479	Metal Coating And Allied Services
	2221	Broadwoven Fabric Mills, Manmade		3496	Misc. Fabricated Wire Products
	2262	Finishing Plants, Manmade		3499	Fabricated Metal Products, Nec
	2281	Yarn Spinning Mills		3523	Farm Machinery And Equipment
	2295	Coated Fabrics, Not Rubberized		3542	Machine Tools, Metal Forming Types
	2298	Cordage And Twine		3559	Special Industry Machinery, Nec
	2396	Automotive And Apparel Trimmings		3561	Pumps And Pumping Equipment
	2434	Wood Kitchen Cabinets		3569	General Industrial Machinery, Nec
	2499	Wood Products, Nec		3575	Computer Terminals
	2511	Wood Household Furniture		3585	Refrigeration And Heating Equipment
	2519	Household Furniture, Nec		3589	Service Industry Machinery, Nec
	2522	Office Furniture, Except Wood		3599	Industrial Machinery, Nec
	2531	Public Building & Related Furniture		3612	Transformers, Except Electronic
	2541	Wood Partitions And Fixtures		3621	Motors And Generators
	2542	Partitions And Fixtures, Except Wood		3625	Relays And Industrial Controls
	2599	Furniture And Fixtures, Nec		3631	Household Cooking Equipment
	2621	Paper Mills		3632	Household Refrigerators And Freezers
	2631	Paperboard Mills		3641	Electric Lamps
	2653	Corrugated And Solid Fiber Boxes		3661	Telephone And Telegraph Apparatus
	2671	Paper Coated & Laminated, Packaging		3671	Electron Tubes
	2672	Paper Coated And Laminated, Nec		3679	Electronic Components, Nec
	2679	Converted Paper Products, Nec		3711	Motor Vehicles And Car Bodies
	2752	Commercial Printing, Lithographic		3714	Motor Vehicle Parts And Accessories
	2754	Commercial Printing, Gravure		3715	Truck Trailers
	2816	Inorganic Pigments		3721	Aircraft
	2822	Synthetic Rubber		3724	Aircraft Engines And Engine Parts
	2869	Industrial Organic Chemicals, Nec		3732	Boat Building And Repairing
	2891	Adhesives And Sealants		3743	Railroad Equipment
	2899	Chemical Preparations, Nec		3761	Guided Missiles And Space Vehicles
	2911	Petroleum Refining		3764	Space Propulsion Units And Parts
				3795	Tanks And Tank Components

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3841	Surgical And Medical Instruments		5171	Petroleum Bulk Stations & Terminals
	3842	Surgical Appliances And Supplies		8062	General Medical & Surgical Hospitals
	3843	Dental Equipment And Supplies			
	3844	X-ray Apparatus And Tubes	4-02-999		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Miscellaneous</i>
	3861	Photographic Equipment And Supplies		0181	Ornamental Nursery Products
	3931	Musical Instruments		1021	Copper Ores
	3951	Pens And Mechanical Pencils		1311	Crude Petroleum And Natural Gas
	3965	Fasteners, Buttons, Needles, & Pins		1442	Construction Sand And Gravel
	3993	Signs And Advertising Specialities		1446	Industrial Sand
	3999	Manufacturing Industries, Nec		1479	Chemical And Fertilizer Mining, Nec
	4226	Special Warehousing And Storage, Nec		1522	Residential Construction, Nec
	4581	Airports, Flying Fields, & Services		1622	Bridge, Tunnel, & Elevated Highway
	4612	Crude Petroleum Pipelines		1629	Heavy Construction, Nec
	4741	Rental Of Railroad Cars		1721	Painting And Paper Hanging
	4789	Transportation Services, Nec		1751	Carpentry Work
	4911	Electric Services		1771	Concrete Work
	5052	Coal And Other Minerals And Ores		1791	Structural Steel Erection
	6512	Nonresidential Building Operators		1799	Special Trade Contractors, Nec
	7319	Advertising, Nec		2011	Meat Packing Plants
	7532	Top & Body Repair & Paint Shops		2047	Dog And Cat Food
	7999	Amusement And Recreation, Nec		2051	Bread, Cake, And Related Products
	9711	National Security		2052	Cookies And Crackers
4-02-900		<i>Petroleum and Solvent Evaporation: Surface Coating Operations - Fuel Fired Equipment</i>		2076	Vegetable Oil Mills, Nec
	1321	Natural Gas Liquids		2082	Malt Beverages
	2435	Hardwood Veneer And Plywood		2086	Bottled And Canned Soft Drinks
	2652	Setup Paperboard Boxes		2091	Canned And Cured Fish And Seafoods
	2657	Folding Paperboard Boxes		2099	Food Preparations, Nec
	2671	Paper Coated & Laminated, Packaging		2211	Broadwoven Fabric Mills, Cotton
	2672	Paper Coated And Laminated, Nec		2221	Broadwoven Fabric Mills, Manmade
	2679	Converted Paper Products, Nec		2241	Narrow Fabric Mills
	2752	Commercial Printing, Lithographic		2251	Women's Hosiery, Except Socks
	2759	Commercial Printing, Nec		2259	Knitting Mills, Nec
	2851	Paints And Allied Products		2261	Finishing Plants, Cotton
	2865	Cyclic Crudes And Intermediates		2269	Finishing Plants, Nec
	2869	Industrial Organic Chemicals, Nec		2281	Yarn Spinning Mills
	2891	Adhesives And Sealants		2284	Thread Mills
	2911	Petroleum Refining		2295	Coated Fabrics, Not Rubberized
	3083	Laminated Plastics Plate & Sheet		2297	Nonwoven Fabrics
	3089	Plastics Products, Nec		2298	Cordage And Twine
	3231	Products Of Purchased Glass		2299	Textile Goods, Nec
	3264	Porcelain Electrical Supplies		2335	Women's, Junior's, & Misses' Dresses
	3411	Metal Cans		2396	Automotive And Apparel Trimmings
	3412	Metal Barrels, Drums, And Pails		2426	Hardwood Dimension & Flooring Mills
	3429	Hardware, Nec		2429	Special Product Sawmills, Nec
	3444	Sheet Metalwork		2431	Millwork
	3469	Metal Stampings, Nec		2434	Wood Kitchen Cabinets
	3471	Plating And Polishing		2435	Hardwood Veneer And Plywood
	3479	Metal Coating And Allied Services		2441	Nailed Wood Boxes And Shook
	3585	Refrigeration And Heating Equipment		2451	Mobile Homes
	3599	Industrial Machinery, Nec		2491	Wood Preserving
	3612	Transformers, Except Electronic		2499	Wood Products, Nec
	3624	Carbon And Graphite Products		2511	Wood Household Furniture
	3711	Motor Vehicles And Car Bodies		2512	Upholstered Household Furniture
	3713	Truck And Bus Bodies		2514	Metal Household Furniture
	3714	Motor Vehicle Parts And Accessories		2515	Mattresses And Bedsprings
	3721	Aircraft		2517	Wood Tv And Radio Cabinets
	3861	Photographic Equipment And Supplies		2519	Household Furniture, Nec
	3965	Fasteners, Buttons, Needles, & Pins		2521	Wood Office Furniture
	3999	Manufacturing Industries, Nec		2522	Office Furniture, Except Wood
	4226	Special Warehousing And Storage, Nec		2531	Public Building & Related Furniture
				2541	Wood Partitions And Fixtures

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	2542	Partitions And Fixtures, Except Wood		3149	Footwear, Except Rubber, Nec
	2591	Drapery Hardware & Blinds & Shades		3172	Personal Leather Goods, Nec
	2599	Furniture And Fixtures, Nec		3211	Flat Glass
	2621	Paper Mills		3221	Glass Containers
	2631	Paperboard Mills		3229	Pressed And Blown Glass, Nec
	2652	Setup Paperboard Boxes		3231	Products Of Purchased Glass
	2653	Corrugated And Solid Fiber Boxes		3241	Cement, Hydraulic
	2655	Fiber Cans, Drums & Similar Products		3251	Brick And Structural Clay Tile
	2656	Sanitary Food Containers		3255	Clay Refractories
	2657	Folding Paperboard Boxes		3261	Vitreous Plumbing Fixtures
	2671	Paper Coated & Laminated, Packaging		3264	Porcelain Electrical Supplies
	2672	Paper Coated And Laminated, Nec		3269	Pottery Products, Nec
	2673	Bags: Plastics, Laminated, & Coated		3272	Concrete Products, Nec
	2675	Die-cut Paper And Board		3273	Ready-mixed Concrete
	2679	Converted Paper Products, Nec		3281	Cut Stone And Stone Products
	2711	Newspapers		3291	Abrasive Products
	2731	Book Publishing		3292	Asbestos Products
	2732	Book Printing		3295	Minerals, Ground Or Treated
	2752	Commercial Printing, Lithographic		3296	Mineral Wool
	2754	Commercial Printing, Gravure		3299	Nonmetallic Mineral Products, Nec
	2759	Commercial Printing, Nec		3312	Blast Furnaces And Steel Mills
	2782	Blankbooks And Looseleaf Binders		3315	Steel Wire And Related Products
	2789	Bookbinding And Related Work		3316	Cold Finishing Of Steel Shapes
	2796	Platemaking Services		3317	Steel Pipe And Tubes
	2813	Industrial Gases		3321	Gray And Ductile Iron Foundries
	2816	Inorganic Pigments		3324	Steel Investment Foundries
	2819	Industrial Inorganic Chemicals, Nec		3341	Secondary Nonferrous Metals
	2821	Plastics Materials And Resins		3354	Aluminum Extruded Products
	2822	Synthetic Rubber		3357	Nonferrous Wiredrawing & Insulating
	2823	Cellulosic Manmade Fibers		3365	Aluminum Foundries
	2833	Medicinals And Botanicals		3366	Copper Foundries
	2834	Pharmaceutical Preparations		3398	Metal Heat Treating
	2841	Soap And Other Detergents		3399	Primary Metal Products, Nec
	2842	Polishes And Sanitation Goods		3411	Metal Cans
	2843	Surface Active Agents		3412	Metal Barrels, Drums, And Pails
	2844	Toilet Preparations		3423	Hand And Edge Tools, Nec
	2851	Paints And Allied Products		3425	Saw Blades And Handsaws
	2865	Cyclic Crudes And Intermediates		3429	Hardware, Nec
	2869	Industrial Organic Chemicals, Nec		3432	Plumbing Fixture Fittings And Trim
	2873	Nitrogenous Fertilizers		3433	Heating Equipment, Except Electric
	2891	Adhesives And Sealants		3441	Fabricated Structural Metal
	2892	Explosives		3442	Metal Doors, Sash, And Trim
	2899	Chemical Preparations, Nec		3443	Fabricated Plate Work (boiler Shops)
	2911	Petroleum Refining		3444	Sheet Metalwork
	2951	Asphalt Paving Mixtures And Blocks		3446	Architectural Metal Work
	2952	Asphalt Felts And Coatings		3448	Prefabricated Metal Buildings
	3011	Tires And Inner Tubes		3449	Miscellaneous Metal Work
	3021	Rubber And Plastics Footwear		3451	Screw Machine Products
	3052	Rubber & Plastics Hose & Belting		3452	Bolts, Nuts, Rivets, And Washers
	3053	Gaskets, Packing And Sealing Devices		3462	Iron And Steel Forgings
	3061	Mechanical Rubber Goods		3465	Automotive Stampings
	3069	Fabricated Rubber Products, Nec		3469	Metal Stampings, Nec
	3081	Unsupported Plastics Film & Sheet		3471	Plating And Polishing
	3082	Unsupported Plastics Profile Shapes		3479	Metal Coating And Allied Services
	3083	Laminated Plastics Plate & Sheet		3489	Ordnance And Accessories, Nec
	3085	Plastics Bottles		3491	Industrial Valves
	3086	Plastics Foam Products		3492	Fluid Power Valves & Hose Fittings
	3088	Plastics Plumbing Fixtures		3493	Steel Springs, Except Wire
	3089	Plastics Products, Nec		3494	Valves And Pipe Fittings, Nec
	3111	Leather Tanning And Finishing		3496	Misc. Fabricated Wire Products
	3131	Footwear Cut Stock		3497	Metal Foil And Leaf
	3143	Men's Footwear, Except Athletic		3499	Fabricated Metal Products, Nec

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	3511	Turbines And Turbine Generator Sets		3695	Magnetic And Optical Recording Media
	3519	Internal Combustion Engines, Nec		3711	Motor Vehicles And Car Bodies
	3523	Farm Machinery And Equipment		3713	Truck And Bus Bodies
	3524	Lawn And Garden Equipment		3714	Motor Vehicle Parts And Accessories
	3531	Construction Machinery		3715	Truck Trailers
	3532	Mining Machinery		3716	Motor Homes
	3533	Oil And Gas Field Machinery		3721	Aircraft
	3535	Conveyors And Conveying Equipment		3724	Aircraft Engines And Engine Parts
	3536	Hoists, Cranes, And Monorails		3728	Aircraft Parts And Equipment, Nec
	3537	Industrial Trucks And Tractors		3731	Ship Building And Repairing
	3541	Machine Tools, Metal Cutting Types		3732	Boat Building And Repairing
	3544	Special Dies, Tools, Jigs & Fixtures		3743	Railroad Equipment
	3548	Welding Apparatus		3751	Motorcycles, Bicycles, And Parts
	3549	Metalworking Machinery, Nec		3761	Guided Missiles And Space Vehicles
	3552	Textile Machinery		3764	Space Propulsion Units And Parts
	3555	Printing Trades Machinery		3769	Space Vehicle Equipment, Nec
	3559	Special Industry Machinery, Nec		3792	Travel Trailers And Campers
	3561	Pumps And Pumping Equipment		3795	Tanks And Tank Components
	3562	Ball And Roller Bearings		3799	Transportation Equipment, Nec
	3563	Air And Gas Compressors		3812	Search And Navigation Equipment
	3564	Blowers And Fans		3821	Laboratory Apparatus And Furniture
	3566	Speed Changers, Drives, And Gears		3822	Environmental Controls
	3567	Industrial Furnaces And Ovens		3823	Process Control Instruments
	3568	Power Transmission Equipment, Nec		3824	Fluid Meters And Counting Devices
	3569	General Industrial Machinery, Nec		3825	Instruments To Measure Electricity
	3571	Electronic Computers		3826	Analytical Instruments
	3572	Computer Storage Devices		3827	Optical Instruments And Lenses
	3577	Computer Peripheral Equipment, Nec		3829	Measuring & Controlling Devices, Nec
	3579	Office Machines, Nec		3841	Surgical And Medical Instruments
	3581	Automatic Vending Machines		3842	Surgical Appliances And Supplies
	3585	Refrigeration And Heating Equipment		3843	Dental Equipment And Supplies
	3589	Service Industry Machinery, Nec		3844	X-ray Apparatus And Tubes
	3596	Scales And Balances, Exc. Laboratory		3861	Photographic Equipment And Supplies
	3599	Industrial Machinery, Nec		3931	Musical Instruments
	3612	Transformers, Except Electronic		3942	Dolls And Stuffed Toys
	3621	Motors And Generators		3944	Games, Toys, And Children's Vehicles
	3625	Relays And Industrial Controls		3949	Sporting And Athletic Goods, Nec
	3629	Electrical Industrial Apparatus, Nec		3951	Pens And Mechanical Pencils
	3631	Household Cooking Equipment		3955	Carbon Paper And Inked Ribbons
	3632	Household Refrigerators And Freezers		3961	Costume Jewelry
	3633	Household Laundry Equipment		3991	Brooms And Brushes
	3639	Household Appliances, Nec		3993	Signs And Advertising Specialities
	3641	Electric Lamps		3995	Burial Caskets
	3643	Current-carrying Wiring Devices		3996	Hard Surface Floor Coverings, Nec
	3644	Noncurrent-carrying Wiring Devices		3999	Manufacturing Industries, Nec
	3645	Residential Lighting Fixtures		4011	Railroads, Line-haul Operating
	3646	Commercial Lighting Fixtures		4013	Switching And Terminal Services
	3647	Vehicular Lighting Equipment		4142	Bus Charter Service, Except Local
	3648	Lighting Equipment, Nec		4212	Local Trucking, Without Storage
	3651	Household Audio And Video Equipment		4213	Trucking, Except Local
	3652	Prerecorded Records And Tapes		4225	General Warehousing And Storage
	3661	Telephone And Telegraph Apparatus		4449	Water Transportation Of Freight, Nec
	3663	Radio & TV Communications Equipment		4491	Marine Cargo Handling
	3669	Communications Equipment, Nec		4493	Marinas
	3671	Electron Tubes		4512	Air Transportation, Scheduled
	3674	Semiconductors And Related Devices		4581	Airports, Flying Fields, & Services
	3676	Electronic Resistors		4612	Crude Petroleum Pipelines
	3677	Electronic Coils And Transformers		4741	Rental Of Railroad Cars
	3678	Electronic Connectors		4789	Transportation Services, Nec
	3679	Electronic Components, Nec		4911	Electric Services
	3692	Primary Batteries, Dry And Wet		4931	Electric And Other Services Combined
	3694	Engine Electrical Equipment		4932	Gas And Other Services Combined

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>	<u>Six-Digit SCC</u>	<u>SIC Code</u>	<u>SIC Description</u>
	4939	Combination Utilities, Nec		7999	Amusement And Recreation, Nec
	4941	Water Supply		8011	Offices & Clinics Of Medical Doctors
	4952	Sewerage Systems		8062	General Medical & Surgical Hospitals
	4953	Refuse Systems		8069	Specialty Hospitals Exc. Psychiatric
	4959	Sanitary Services, Nec		8211	Elementary And Secondary Schools
	4961	Steam And Air-conditioning Supply		8221	Colleges And Universities
	5015	Motor Vehicle Parts, Used		8222	Junior Colleges
	5031	Lumber, Plywood, And Millwork		8711	Engineering Services
	5033	Roofing, Siding, & Insulation		8712	Architectural Services
	5039	Construction Materials, Nec		8731	Commercial Physical Research
	5046	Commercial Equipment, Nec		8734	Testing Laboratories
	5047	Medical And Hospital Equipment		8741	Management Services
	5051	Metals Service Centers And Offices		8999	Services, Nec
	5078	Refrigeration Equipment And Supplies		9199	General Government, Nec
	5082	Construction And Mining Machinery		9223	Correctional Institutions
	5084	Industrial Machinery And Equipment		9511	Air, Water, & Solid Waste Management
	5085	Industrial Supplies		9621	Regulation, Admin. Of Transportation
	5087	Service Establishment Equipment		9661	Space Research And Technology
	5088	Transportation Equipment & Supplies		9711	National Security
	5092	Toys And Hobby Goods And Supplies			
	5093	Scrap And Waste Materials	4-03-001		<i>Petroleum and Solvent Evaporation: Petroleum Product Storage at Refineries - Deleted - Do Not Use (See 4-03-010 and 4-07)</i>
	5141	Groceries, General Line		0723	Crop Preparation Services For Market
	5169	Chemicals & Allied Products, Nec		1021	Copper Ores
	5171	Petroleum Bulk Stations & Terminals		1311	Crude Petroleum And Natural Gas
	5172	Petroleum Products, Nec		1321	Natural Gas Liquids
	5181	Beer And Ale		1382	Oil And Gas Exploration Services
	5199	Nondurable Goods, Nec		1422	Crushed And Broken Limestone
	5211	Lumber And Other Building Materials		1429	Crushed And Broken Stone, Nec
	5311	Department Stores		1795	Wrecking And Demolition Work
	5411	Grocery Stores		2013	Sausages And Other Prepared Meats
	5511	New And Used Car Dealers		2074	Cottonseed Oil Mills
	5541	Gasoline Service Stations		2075	Soybean Oil Mills
	5712	Furniture Stores		2421	Sawmills And Planing Mills, General
	5719	Misc. Homefurnishings Stores		2621	Paper Mills
	5731	Radio, Tv, & Electronic Stores		2671	Paper Coated & Laminated, Packaging
	5812	Eating Places		2673	Bags: Plastics, Laminated, & Coated
	5999	Miscellaneous Retail Stores, Nec		2731	Book Publishing
	6111	Federal & Fed.-sponsored Credit		2732	Book Printing
	6512	Nonresidential Building Operators		2759	Commercial Printing, Nec
	6513	Apartment Building Operators		2812	Alkalies And Chlorine
	7011	Hotels And Motels		2819	Industrial Inorganic Chemicals, Nec
	7216	Drycleaning Plants, Except Rug		2821	Plastics Materials And Resins
	7261	Funeral Service And Crematories		2822	Synthetic Rubber
	7312	Outdoor Advertising Services		2841	Soap And Other Detergents
	7359	Equipment Rental & Leasing, Nec		2843	Surface Active Agents
	7372	Prepackaged Software		2851	Paints And Allied Products
	7373	Computer Integrated Systems Design		2861	Gum And Wood Chemicals
	7382	Security Systems Services		2869	Industrial Organic Chemicals, Nec
	7384	Photofinishing Laboratories		2879	Agricultural Chemicals, Nec
	7389	Business Services, Nec		2891	Adhesives And Sealants
	7532	Top & Body Repair & Paint Shops		2892	Explosives
	7534	Tire Retreading And Repair Shops		2895	Carbon Black
	7538	General Automotive Repair Shops		2899	Chemical Preparations, Nec
	7539	Automotive Repair Shops, Nec		2911	Petroleum Refining
	7629	Electrical Repair Shops, Nec		2951	Asphalt Paving Mixtures And Blocks
	7641	Reupholstery And Furniture Repair		2952	Asphalt Felts And Coatings
	7692	Welding Repair		2992	Lubricating Oils And Greases
	7694	Armature Rewinding Shops		3085	Plastics Bottles
	7699	Repair Services, Nec		3241	Cement, Hydraulic
	7812	Motion Picture & Video Production		3255	Clay Refractories
	7941	Sports Clubs, Managers, & Promoters		3295	Minerals, Ground Or Treated
	7996	Amusement Parks			

## Appendix D: Six-Digit SCCs With Multiple SIC Code Linkings

Six-Digit SCC	SIC Code	SIC Description	Six-Digit SCC	SIC Code	SIC Description
	3312	Blast Furnaces And Steel Mills		2821	Plastics Materials And Resins
	3331	Primary Copper		2824	Organic Fibers, Noncellulosic
	3353	Aluminum Sheet, Plate, And Foil		2833	Medicinals And Botanicals
	3479	Metal Coating And Allied Services		2841	Soap And Other Detergents
	3483	Ammunition, Exc. For Small Arms, Nec		2851	Paints And Allied Products
	3572	Computer Storage Devices		2869	Industrial Organic Chemicals, Nec
	3612	Transformers, Except Electronic		2899	Chemical Preparations, Nec
	3647	Vehicular Lighting Equipment		2911	Petroleum Refining
	3674	Semiconductors And Related Devices		2951	Asphalt Paving Mixtures And Blocks
	3679	Electronic Components, Nec		2992	Lubricating Oils And Greases
	3711	Motor Vehicles And Car Bodies		3069	Fabricated Rubber Products, Nec
	3721	Aircraft		3312	Blast Furnaces And Steel Mills
	3731	Ship Building And Repairing		3661	Telephone And Telegraph Apparatus
	3743	Railroad Equipment		3711	Motor Vehicles And Car Bodies
	4011	Railroads, Line-haul Operating		3724	Aircraft Engines And Engine Parts
	4226	Special Warehousing And Storage, Nec		4226	Special Warehousing And Storage, Nec
	4581	Airports, Flying Fields, & Services		4911	Electric Services
	4612	Crude Petroleum Pipelines		5169	Chemicals & Allied Products, Nec
	4613	Refined Petroleum Pipelines		5171	Petroleum Bulk Stations & Terminals
	4789	Transportation Services, Nec		5191	Farm Supplies
	4911	Electric Services		5541	Gasoline Service Stations
	4922	Natural Gas Transmission		8062	General Medical & Surgical Hospitals
	4923	Gas Transmission And Distribution			
	4953	Refuse Systems	4-05-008	<i>Petroleum and Solvent Evaporation: Printing/Publishing - General</i>	
	5171	Petroleum Bulk Stations & Terminals		2396	Automotive And Apparel Trimmings
	5191	Farm Supplies		2759	Commercial Printing, Nec
	5541	Gasoline Service Stations		2893	Printing Ink
	5999	Miscellaneous Retail Stores, Nec		3479	Metal Coating And Allied Services
	7216	Drycleaning Plants, Except Rug		3661	Telephone And Telegraph Apparatus
	7538	General Automotive Repair Shops		3671	Electron Tubes
	7694	Armature Rewinding Shops		3714	Motor Vehicle Parts And Accessories
	8062	General Medical & Surgical Hospitals		3829	Measuring & Controlling Devices, Nec
	9661	Space Research And Technology		3993	Signs And Advertising Specialities
	9711	National Security		9711	National Security
4-03-002	<i>Petroleum and Solvent Evaporation: Petroleum Product Storage at Refineries - Deleted - Do Not Use (See 4-03-011 and 4-07)</i>		4-07-146	<i>Petroleum and Solvent Evaporation: Organic Chemical Storage - Fixed Roof Tanks - Miscellaneous</i>	
	1311	Crude Petroleum And Natural Gas		2077	Animal And Marine Fats And Oils
	2821	Plastics Materials And Resins		2819	Industrial Inorganic Chemicals, Nec
	2822	Synthetic Rubber		2821	Plastics Materials And Resins
	2869	Industrial Organic Chemicals, Nec		2833	Medicinals And Botanicals
	2891	Adhesives And Sealants		2834	Pharmaceutical Preparations
	2911	Petroleum Refining		2842	Polishes And Sanitation Goods
	3255	Clay Refractories		2844	Toilet Preparations
	3273	Ready-mixed Concrete		2851	Paints And Allied Products
	4226	Special Warehousing And Storage, Nec		2869	Industrial Organic Chemicals, Nec
	4491	Marine Cargo Handling		2899	Chemical Preparations, Nec
	4612	Crude Petroleum Pipelines		2951	Asphalt Paving Mixtures And Blocks
	4613	Refined Petroleum Pipelines		2952	Asphalt Felts And Coatings
	4789	Transportation Services, Nec		3086	Plastics Foam Products
	4911	Electric Services		3412	Metal Barrels, Drums, And Pails
	5171	Petroleum Bulk Stations & Terminals		3569	General Industrial Machinery, Nec
	7538	General Automotive Repair Shops		3711	Motor Vehicles And Car Bodies
	8062	General Medical & Surgical Hospitals		4225	General Warehousing And Storage
	9661	Space Research And Technology		4226	Special Warehousing And Storage, Nec
	9711	National Security		4491	Marine Cargo Handling
				4922	Natural Gas Transmission
				4923	Gas Transmission And Distribution
4-03-999	<i>Petroleum and Solvent Evaporation: Petroleum Product Storage at Refineries - Other Not Classified</i>			5171	Petroleum Bulk Stations & Terminals
	1311	Crude Petroleum And Natural Gas		5172	Petroleum Products, Nec
	2621	Paper Mills		8062	General Medical & Surgical Hospitals
	2819	Industrial Inorganic Chemicals, Nec			

**APPENDIX E**

**MACT SOURCE CLASSIFICATION  
CODES (SCC)**



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## Appendix E - MACT Source Classification Codes (SCC)

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<i>SCC</i>	<i>Description</i>
<b>Cellulose Food Casing Manufacture</b>	
6-25-400-01	Cellulose Food Casing
6-25-400-10	Cellulose Xanthate Formation: Barattees
6-25-400-20	Viscose Processing
6-25-400-21	Viscose Processing: Viscose Holding Tanks
6-25-400-22	Viscose Processing: Extrusion and Coagulation
6-25-400-23	Viscose Processing: Regeneration
6-25-400-24	Viscose Processing: Water Washing
6-25-400-25	Drying and Humidification
6-25-400-30	MP Operation
6-25-400-40	Acid Bath System And Evaporators
6-25-400-41	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> Acid Bath System and Evaporator
6-25-400-42	Na <sub>2</sub> SO <sub>4</sub> Acid Bath System and Evaporator
6-25-400-50	End Product Storage: Cellulose Casing
6-25-800-01	Equipment Leaks
6-25-820-01	Process Area Drains
6-25-820-02	Process Equipment Drains
6-25-825-01	Viscose Filtering
6-25-825-02	Water Washing
6-25-825-03	Acid Bath Evaporator
6-25-825-99	Specify Point of Generation

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### 2,4-D Salts and Esters Production

6-31-110-01	2,4-D Salts and Esters Production
6-31-110-10	Process Vents: 2,4-D Salts and Esters Production
6-31-110-11	Process Vents, Chlorophenol Unit: Chlorination Reactor
6-31-110-12	Process Vents, Chlorophenol Unit: Distillation
6-31-110-20	Process Vents, Chloroacetic Acid Plant
6-31-110-21	Process Vents, Chloroacetic Acid Plant: Neutralizer
6-31-110-30	Process Vents, Chlorine Plant
6-31-110-40	Process Vents, 2,4-D: Neutralizer (Chlorine and Phenoxyacetic Acid)
6-31-110-41	Process Vents, 2,4-D: Condensation Reactor
6-31-110-42	Process Vents: 2,4-D Recovery
6-31-110-43	Process Vents, 2,4-D Recovery: Vessel
6-31-110-44	Process Vents, 2,4-D Recovery: Filtration

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<i>SCC</i>	<i>Description</i>
6-31-110-45	Process Vents, 2,4-D: Dryer (For Wet 2,4-D)
6-31-110-50	Process Vents: 2,4-D Product Storage
6-31-110-70	Waste Products
6-31-110-71	Waste Products: Filter Cakes
6-31-110-72	Waste Products: Still Bottoms
6-31-250-01	Captan Production
6-31-250-10	Process Vents: Captan Unit
6-31-250-11	Process Vents: PMM/THPI Reactor
6-31-250-12	Process Vents: Captan Unit, Holding Vessel
6-31-250-13	Process Vents: Captan Unit, Filtration
6-31-250-14	Process Vents: Captan Unit, Washing
6-31-250-15	Process Vents: Captan Unit, Drying
6-31-250-30	Process Vents: THPI Production
6-31-250-31	Process Vents: THPI Reactor
6-31-250-32	Process Vents: THPI Flaker
6-31-250-40	Process Vents: PMM Production
6-31-250-41	Process Vents: PMM Chlorinator
6-31-250-42	Process Vents: PMM Distillation
6-31-250-80	Process Vents: Captan Unit, Product Storage and Packaging
6-31-310-01	Chlorothalonil Production
6-31-310-10	Process Vents: Chlorothalonil Production
6-31-310-11	Process Vents: IPN Feed Bin
6-31-310-12	Process Vents: IPN Melt Pot
6-31-310-13	Process Vents: Reactor
6-31-310-14	Process Vents: Desublimer
6-31-310-15	Process Vents: Desublimer Feed Tank
6-31-310-16	Process Vents: Converters
6-31-310-17	Process Vents: Blender
6-31-310-18	Process Vents: Product Packaging
6-31-310-30	Process Vents, Chlorine (Cl) Recovery System
6-31-310-31	Process Vents, Cl Recovery System: Knockout Pots
6-31-310-32	Process Vents, Cl Recovery System: HCl Absorber
6-31-310-33	Process Vents, By-product Purification: CCl <sub>4</sub> Evaporator
6-31-310-34	Process Vents, Cl Recovery System: Bottom Drumming System
6-31-310-38	Process Vents: CCl <sub>4</sub> Collection System
6-31-310-80	Process Vents: End Product Storage
6-31-340-01	Dacthal Production

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<i>SCC</i>	<i>Description</i>
6-31-340-10	Process Vents: Dacthal Production
6-31-340-11	Process Vents: Photochlorination Reactor
6-31-340-12	Process Vents: Fusion Reactor
6-31-340-13	Process Vents: Thermal Chlorination Reactor
6-31-340-14	Process Vents, Esterification Reaction: Reactors
6-31-340-15	Process Vents: Still Pot Meoh Reflux Drum
6-31-340-16	Process Vents, Separation: Centrifuge
6-31-340-17	Process Vents: Xylol/Stripper Decanter
6-31-340-18	Process Vents: Flash Distillation
6-31-340-19	Process Vents: Organic Fume Scrubber System
6-31-340-20	Process Vents: Dacthal Flaking
6-31-340-21	Process Vents: Dacthal Hold Bin
6-31-340-22	Process Vents: Dacthal Formulation
6-31-340-23	Process Vents: Dacthal Packaging
6-31-340-24	Process Vents, Formulation: Solid Additives Feeders
6-31-340-25	Process Vents, Formulation: Feed Hoppers
6-31-340-26	Process Vents, Formulation: Adjusting Batch Tank
6-31-340-27	Process Vents, Formulation: Grinding Tanks
6-31-340-28	Process Vents, Formulation: Digester
6-31-340-29	Process Vents, Formulation: Adjusting Tanks
6-31-340-30	Process Vents, Formulation: Spray Dryers
6-31-340-31	Process Vents, Formulation: Surge Bins
6-31-340-32	Process Vents, Formulation: Packaging, Flowables
6-31-340-33	Process Vents, Formulation: Rework Tank
6-31-340-34	Process Vents, Formulation: Conveyor Transport Bin
6-31-340-35	Process Vents, Formulation: Product Silos
6-31-340-36	Process Vents, Formulation: Packaging Surge Bins
6-31-340-37	Process Vents, Formulation: Packaging (Solids)
6-31-340-38	Process Vents: Solid Antifoam Feeder
6-31-340-39	Process Vents, Formulation: Central Vacuum System
6-31-340-40	Process Vents: 2 Phase Separator
6-31-340-61	Process Tanks: CCl4 Coolant System Surge Tank
6-31-340-62	Process Tanks: MeOH Drying Column Water Hold Tank
6-31-340-63	Process Tanks: Fume Scrubber Hold Tank
6-31-340-64	Process Tanks: Xylol Still Receiver Tank
6-31-340-65	Process Tanks: Crude Xylol Hold Tank
6-31-340-66	Process Tanks: Hot Xylol Wash Tank

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<i>SCC</i>	<i>Description</i>
6-31-340-67	Process Tanks: Chilled Xylol Hold Tank
6-31-340-68	Process Tanks: Centrifuge Product Tanks
6-31-340-69	Process Tanks: Still Pot Surge Tank
6-31-340-70	Process Tanks: Mill Feed Tank
6-31-340-71	Process Tanks: Mill Receiver Tank
6-31-340-72	Process Tanks: MeOH Storage Chilled Water Hold Tank
6-31-340-73	Process Tanks: Xylol Mechanical Seal Tank
6-31-340-74	Process Tanks: MeOH Drying Column Receiver Tank
6-31-340-75	Process Tanks: Light Organic Slops Tank
6-31-340-76	Process Tanks: Sump Surge Tank
6-31-340-77	Process Tanks: Product Packaging Tanks
6-31-340-78	Process Tanks: Flash Feed Tanks
6-31-340-79	Process Tanks: Distillation Feed Tanks
6-31-340-80	Process Tanks: Flaker Feed Tanks
6-31-340-81	Process Tanks: Xylol Stripper Feed Tank
6-31-340-82	Process Tanks: Centrifuge Feed Tanks
6-31-340-83	Process Tanks: MeOH Drying Feed Tanks
6-31-340-84	Process Tanks: Spray Dryer Feed Tanks
6-31-340-85	Process Tanks: Small Media Mill Surge Tanks
6-31-420-01	Sodium Pentachlorophenate: Chlorination Process
6-31-420-10	Process Vents: Chlorination Process
6-31-420-11	Process Vents: Primary Reactor
6-31-420-12	Process Vents: Distillation
6-31-420-13	Process Vents: Secondary Reactor
6-31-420-14	Process Vents: Dryer
6-31-420-15	Process Vents: Prill Tower
6-31-420-30	Process Vents: End Product Storage
6-31-420-31	Process Vents, End Product Storage: Prilled Product
6-31-420-32	Process Vents, End Product Storage: Crystallized Product
6-31-430-01	Sodium Pentachlorophenate: Hydrolyzation Process
6-31-430-10	Process Vents: Hydrolyzation Process
6-31-430-11	Process Vents: Hydrolysis Reactor
6-31-430-12	Process Vents: Evaporation
6-31-430-13	Process Vents: Filter, Alcohol
6-31-430-14	Process Vents: Residue Dissolution in Water
6-31-430-15	Process Vents: Filtration of Alkali Insoluble Material
6-31-430-16	Process Vents: Acidification of Filtrate, Partial

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<i>SCC</i>	<i>Description</i>
6-31-430-17	Process Vents: Acidification of Filtrate, Full
6-31-430-18	Process Vents: Acidification Filter
6-31-430-19	Process Vents: Water Wash of Product
6-31-430-20	Process Vents: Dryer
6-31-430-30	Process Vents: End Product Storage
6-31-800-01	Equipment Leaks
6-31-820-01	Process Area Drain
6-31-820-02	Process Equipment Drains
6-31-825-01	2,4-D Recovery
6-31-825-07	Dacthal Condensate
6-31-825-08	Spent Scrubber Liquor Tank
6-31-825-09	2 Phase Separator
6-31-825-37	Captan Unit, Washing
6-31-825-38	THPI Reactor Scrubber
6-31-825-39	THPI Flaker Scrubber
6-31-825-40	PMM Chlorinator Scrubber
6-31-825-41	PMM Distillation Scrubber
6-31-825-42	PMM Storage Scrubber
6-31-825-73	Separator
6-31-825-80	Filtrate, Partial Evaporation of Alcohol
6-31-825-81	Filtrate, Acidification of Filtrate
6-31-825-82	Dissolve Residue in Water
6-31-825-99	Specify Point of Generation

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### **Polymethyl Methacrylate Prod - Bulk Polymerization, Batch-cell Method**

6-41-300-01	Polymethyl Methacrylate Resins: Bulk, Batch Cell Process
6-41-300-10	Process Vents: Bulk, Batch Cell Process
6-41-300-11	Process Vents: Reactor
6-41-300-25	Process Vents: End Product Storage
6-41-301-01	Polymethyl Methacrylate Resins: Bulk, Continuous Process
6-41-301-10	Process Vents: Bulk, Continuous Process
6-41-301-11	Process Vents, Reactor: Curing Zone
6-41-301-12	Process Vents, Reactor: Annealing Zone
6-41-301-25	Process Vents: End Product Storage
6-41-302-01	Polymethyl Methacrylate Resins: Bulk, Centrifugal Process
6-41-302-10	Process Vents: Bulk, Centrifugal Process
6-41-302-11	Process Vents: Reactor

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<i>SCC</i>	<i>Description</i>
6-41-302-25	Process Vents: End Product Storage
6-41-310-01	Polymethyl Methacrylate Resins: Solvent Process
6-41-310-10	Process Vents: Solvent Process
6-41-310-11	Process Vents: Reactor
6-41-310-15	Process Vents: Separation/Filtration
6-41-310-20	Process Vents: Dryer
6-41-310-25	Process Vents: Product Filters
6-41-310-30	Process Vents: End Product Storage
6-41-320-01	Polymethyl Methacrylate Resins: Emulsion Process
6-41-320-10	Process Vents: Emulsion Process
6-41-320-11	Process Vents: Reactor
6-41-320-20	Process Vents: Separation/Filtration
6-41-320-25	Process Vents: Dryer
6-41-320-30	Process Vents: Product Storage
6-41-330-01	Polymethyl Methacrylate Resins: Suspension Process
6-41-330-10	Process Vents: Suspension Process
6-41-330-11	Process Vents: Reactor
6-41-330-20	Process Vents: Separation/Filtration
6-41-330-25	Process Vents: Dryer
6-41-330-30	Process Vents: Product Storage
6-41-800-01	Equipment Leaks
6-41-820-01	Process Area Drains
6-41-820-02	Process Equipment Drains
6-41-825-99	Specify Point of Generation

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## **Carboxymethylcellulose Production**

6-44-200-01	Carboxymethylcellulose Production
6-44-200-10	Cellulose Preparation
6-44-200-11	Cellulose Preparation: Sodium Chloroacetate Reagent, Conventional
6-44-200-12	Cellulose Preparation: Chloroacetic Acid Reagent, Conventional
6-44-200-13	Cellulose Preparation: Sodium Chloroacetate Reagent, Aqueous Solution
6-44-200-14	Cellulose Prep: Chloroacetic Acid Reagent, Aqueous Solution Spraying
6-44-200-15	Cellulose Preparation: Sodium Chloroacetate Reagent, Aqueous Solution
6-44-200-16	Cellulose Prep: Chloroacetic Acid Reagent, Aqueous Solution Steeping
6-44-200-20	Etherification Reaction
6-44-200-21	Etherification Reaction: Wet Reaction Mass
6-44-200-22	Etherification Reaction: Slurry Process

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<i>SCC</i>	<i>Description</i>
6-44-200-30	Product Finishing
6-44-200-31	Product Finishing: Mill
6-44-200-32	Product Finishing: Neutralization
6-44-200-33	Product Finishing: Purification/Extraction
6-44-200-34	Product Finishing: Drying
6-44-200-40	End Product Storage
6-44-200-41	End Product Storage: Cyclones
6-44-200-42	End Product Storage: Bins, Containers, Etc.
6-44-300-01	Methyl Cellulose: Gaseous Methyl Chloride Process
6-44-300-10	Process Vents: Gaseous Methyl Chloride Process
6-44-300-11	Process Vents: Methylation Reactor
6-44-300-12	Process Vents: Neutralization
6-44-300-13	Process Vents: Salt Extraction/Washing
6-44-300-14	Process Vents: Drying
6-44-300-15	Process Vents: Acid Treatment
6-44-300-16	Process Vents: Glyoxal Reaction
6-44-300-17	Process Vents: Solvent Recovery
6-44-300-30	Process Vents: End Product Storage
6-44-310-01	Methyl Cellulose: Liquid Methyl Chloride Process
6-44-310-10	Process Vents: Liquid Methyl Chloride Process
6-44-310-11	Process Vents: Slurrying Vessel
6-44-310-12	Process Vents: Reactor Vessel/Tube
6-44-310-13	Process Vents: Evaporation
6-44-310-14	Process Vents: Drying
6-44-310-15	Process Vents: Acid Treatment
6-44-310-16	Process Vents: Glyoxal Reaction
6-44-310-17	Process Vents: Solvent Recovery
6-44-310-30	Process Vents: End Product Storage
6-44-500-01	Cellulose Ethers Production
6-44-500-10	Alkalization
6-44-500-11	Alkalization: Sodium Hydroxide Bath
6-44-500-12	Alkalization: NaOH Solution Spray
6-44-500-13	Alkalization: Inert Organic Solvent Impregnation
6-44-500-14	Alkalization: Vessels with Organic Solvent
6-44-500-20	Etherification and Neutralization
6-44-500-21	Etherification: Autoclaves
6-44-500-22	Neutralization



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<i>SCC</i>	<i>Description</i>
6-44-500-30	Product Purification
6-44-500-31	Purification: Washing, Hot Water
6-44-500-32	Purification: Salt Extraction, Step by Step
6-44-500-33	Purification: Salt Extraction, Continuous
6-44-500-34	Purification: Salt Extraction, Cascade Extraction w/ Organic Solvents
6-44-500-35	Isolation of Purified Products: Centrifuge
6-44-500-36	Isolation of Purified Products: Filtration
6-44-500-40	Material Recovery
6-44-500-41	Solvent Removal (Prior to Drying)
6-44-500-42	Solvent Recycle: Distillation
6-44-500-50	End Product Finishing
6-44-500-51	End Product Finishing: Drying
6-44-500-52	End Product Finishing: Milling and Sifting
6-44-500-53	End Product Finishing: Blending
6-44-500-60	End Product Storage
6-44-500-61	End Product Storage: Packaging
6-44-500-62	End Product Storage: Containers
6-44-700-01	Cellophane Manufacturing
6-44-700-10	Production of Viscose Solution
6-44-700-11	Viscose Solution Production: Mechanical Churn
6-44-700-12	Viscose Solution Production: Mixing Tank
6-44-700-13	Viscose Solution Production: Aging Tank
6-44-700-20	Cellophane Formation
6-44-700-21	Cellophane Formation: Coagulation Bath
6-44-700-22	Cellophane Formation: Acid Removal Water Wash Bath
6-44-700-23	Cellophane Formation: Bleach Bath
6-44-700-24	Cellophane Formation: Wash Tanks (After Bleach Bath)
6-44-700-25	Cellophane Formation: Glycerin Bath
6-44-700-26	Cellophane Formation: Drying/Dryer
6-44-700-40	Coating Operations
6-44-800-01	Equipment Leaks
6-44-820-01	Process Area Drains
6-44-820-02	Process Equipment Drains
6-44-825-99	Specify Point of Generation

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## **Alkyd Resin Production, Solvent Process**

6-45-200-01	Alkyd Production: Solvent Process
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<i>SCC</i>	<i>Description</i>
6-45-200-10	Polymerization Reaction
6-45-200-11	Polymerization Reaction: Kettle
6-45-200-20	Product Finishing
6-45-200-21	Product Finishing: Thinning Vessels
6-45-200-22	Product Finishing: Filter
6-45-200-23	Product Finishing: Intermediate Storage
6-45-200-30	Solvent Recovery
6-45-200-31	Solvent Recovery: Decanter
6-45-200-32	Solvent Recovery: Water Tank
6-45-200-40	End Product Storage
6-45-200-41	End Product Storage: Drum and Bulk Loading
6-45-210-01	Alkyd Production: Fusion Process
6-45-210-10	Polymerization Reaction
6-45-210-11	Polymerization Reaction: Kettle
6-45-210-20	Product Finishing
6-45-210-21	Product Finishing: Thinning Vessels
6-45-210-22	Product Finishing: Filter
6-45-210-23	Product Finishing: Intermediate Storage
6-45-210-40	End Product Storage
6-45-210-41	End Product Storage: Drum and Bulk Loading
6-45-800-01	Equipment Leaks
6-45-820-01	Process Area Drains
6-45-820-02	Process Equipment Drains
6-45-825-01	Solvent Recovery, Water Tank
6-45-825-02	Solvent Recovery, Fume Scrubber
6-45-825-99	Specify Point of Generation

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### **Polymerized Vinylidene Chloride Production - Emulsion, Latex Prod.**

6-46-100-01	Emulsion Polymerization: Latex Production
6-46-100-10	Raw Material Preparation
6-46-100-11	Raw Material Preparation: Raw Weighing and Holding Tanks
6-46-100-12	Raw Material Preparation: Raw Material Loading Lines
6-46-100-20	Polymerization
6-46-100-21	Polymerization: Reactor Opening Loss
6-46-100-22	Polymerization: Reactor Relief Value
6-46-100-30	Material Recovery
6-46-100-31	Material Recovery: Stripping Vessel

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<i>SCC</i>	<i>Description</i>
6-46-100-32	Material Recovery: Monomer Recovery Sys. Exhaust Vents & Knockout Pots
6-46-100-40	Product Finishing
6-46-100-41	Product Finishing: Polymer Holding Tanks
6-46-100-50	End Product Storage
6-46-101-01	Emulsion Polymerization: Dried Resin
6-46-101-10	Raw Material Preparation
6-46-101-11	Raw Material Preparation: Raw Weighing and Holding Tanks
6-46-101-12	Raw Material Preparation: Raw Material Loading Lines
6-46-101-20	Polymerization
6-46-101-21	Polymerization: Reactor Opening Loss
6-46-101-22	Polymerization: Reactor Relief Value
6-46-101-30	Material Recovery
6-46-101-31	Material Recovery: Stripping Vessel
6-46-101-32	Material Recovery: Monomer Recovery Sys. Exhaust Vents & Knockout Pots
6-46-101-40	Product Finishing
6-46-101-41	Product Finishing: Polymer Holding Tanks
6-46-101-42	Product Finishing: Dewatering and Centrifuge
6-46-101-43	Product Finishing: Dryer
6-46-101-50	End Product Storage
6-46-102-01	Polymerized Vinylidene Chloride Production: Suspension Polymerization
6-46-102-10	Raw Material Preparation
6-46-102-11	Raw Material Preparation: Raw Weighing and Holding Tanks
6-46-102-12	Raw Material Preparation: Raw Material Loading Lines
6-46-102-20	Polymerization
6-46-102-21	Polymerization: Reactor Opening Loss
6-46-102-22	Polymerization: Reactor Relief Value
6-46-102-30	Material Recovery
6-46-102-31	Material Recovery: Stripping Vessel
6-46-102-32	Material Recovery: Monomer Recovery Sys. Exhaust Vents & Knockout Pots
6-46-102-40	Product Finishing
6-46-102-41	Product Finishing: Polymer Holding Tanks
6-46-102-42	Product Finishing: Dryer
6-46-102-50	End Product Storage
6-46-103-01	Solution Polymerization: Batch Process
6-46-103-10	Raw Material Preparation
6-46-103-11	Raw Material Preparation: Raw Weighing and Holding Tanks
6-46-103-12	Raw Material Preparation: Raw Material Loading Lines

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<i>SCC</i>	<i>Description</i>
6-46-103-20	Polymerization
6-46-103-21	Polymerization: Reactor Opening Loss
6-46-103-22	Polymerization: Reactor Relief Value
6-46-103-30	Material Recovery
6-46-103-31	Material Recovery: Stripping Vessel
6-46-103-32	Material Recovery: Monomer Recovery Sys. Exhaust Vents & Knockout Pots
6-46-103-40	Product Finishing
6-46-103-50	End Product Storage
6-46-150-01	Polyvinyl Acetate Emulsions Production
6-46-150-10	Polymerization
6-46-150-11	Polymerization: Reactor Safety Valve
6-46-150-12	Polymerization: Reactor Vacuum System
6-46-150-20	Material Recovery
6-46-150-21	Material Recovery: Stripping Vessel (If Not Stripped in Reactor)
6-46-150-22	Material Recovery: Residual Monomer Removal, Sparging
6-46-150-23	Material Recovery: Residual Monomer Removal, Distillation
6-46-150-30	End Product Storage
6-46-200-01	Polyvinyl Alcohol Production: Solution Polymerization
6-46-200-11	Raw Material Preparation
6-46-200-12	Raw Mat Prep: Vinyl Acetate Monomer Purification (Deinhibiting) Column
6-46-200-13	Raw Material Preparation: Purified, Uninhibited VAM Day Storage Tank
6-46-200-15	Polymerization and Hydrolysis
6-46-200-16	Polymeriz'n/Hydrolysis: Vinyl Acetate Monomer Polymerization Reactors
6-46-200-17	Polymeriz'n/Hydrlysis: Intrmed Prc Stor Tks, Varnish - Polymer in CH <sub>3</sub> OH
6-46-200-18	Polymerization/Hydrolysis: Hydrolysis Reactors
6-46-200-20	Product Finishing
6-46-200-21	Product Finishing: Centrifuge
6-46-200-22	Product Finishing: Dryer
6-46-200-25	Product Storage
6-46-200-26	Product Storage: Powder Storage and Conveying
6-46-200-27	Product Storage: Packaging: Loading and Unloading
6-46-200-30	Material Recovery
6-46-200-31	Vinyl Acetate Monomer Recovery Column
6-46-200-32	Solvent Separation: Crude Solvent Storage
6-46-200-33	Solvent Recovery: Overall
6-46-200-34	Solvent Recovery: Mixed Solvent Column
6-46-200-35	Solvent Recovery: MeOH Column

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<i>SCC</i>	<i>Description</i>
6-46-200-36	Solvent Recovery: Acetic Acid Column
6-46-200-37	Solvent Recovery: Ester Hydrolizer
6-46-200-38	Solvent Recovery: Crude Solvent Recovery
6-46-300-01	PVC and Copolymers Production: Suspension Process
6-46-300-10	Process Vents: Suspension Process
6-46-300-11	Process Vents: VCM Evaporator Monomer Recovery
6-46-300-12	Process Vents: Weight Tanks
6-46-300-15	Process Vents, Reactor: Opening Loss
6-46-300-16	Process Vents, Reactor: Safety Valve Vents
6-46-300-25	Process Vents, Stripper: Vinyl Chloride Stripped from Polymer to Atmos
6-46-300-26	Process Vents, Stripper: Transfer of Batch
6-46-300-30	Process Vents: Slurry Blend Tank
6-46-300-35	Process Vents: Centrifuge
6-46-300-40	Process Vents: Rotary Dryer
6-46-300-41	Process Vents: Flash Dryer
6-46-300-42	Process Vents: Fluidized Bed Dryer
6-46-300-50	Process Vents: Silo Storage
6-46-300-51	Process Vents, Bagger Area: Machines
6-46-300-52	Process Vents, Bagger Area: Resin Transfer
6-46-300-53	Process Vents: Bulk Loading
6-46-300-80	Fugitive Emissions
6-46-300-81	Fugitive Emissions: Manhole Cover Seals
6-46-300-82	Fugitive Emissions: Opening of Equipment for Inspection or Maintenance
6-46-300-83	Fugitive Emissions: Manual Venting
6-46-310-01	PVC and Copolymers Production: Dispersion Process
6-46-310-10	Process Vents: Dispersion Process
6-46-310-11	Process Vents: VCM Evaporator Monomer Recovery
6-46-310-12	Process Vents: Weight Tanks
6-46-310-15	Process Vents, Reactor: Opening Loss
6-46-310-16	Process Vents, Reactor: Safety Valve Vents
6-46-310-25	Process Vents, Stripper: Vinyl Chloride Stripped from Polymer to Atmos
6-46-310-26	Process Vents, Stripper: Transfer of Batch
6-46-310-30	Process Vents: Slurry Blend Tank
6-46-310-40	Process Vents: Spray Dryer
6-46-310-50	Process Vents: Silo Storage
6-46-310-51	Process Vents, Bagger Area: Machines
6-46-310-52	Process Vents, Bagger Area: Resin Transfer

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<i>SCC</i>	<i>Description</i>
6-46-310-53	Process Vents: Bulk Loading
6-46-310-80	Fugitive Emissions
6-46-310-81	Fugitive Emissions: Manhole Cover Seals
6-46-310-82	Fugitive Emissions: Opening of Equipment for Inspection or Maintenance
6-46-310-83	Fugitive Emissions: Manual Venting
6-46-320-01	PVC and Copolymers Production: Solvent Process
6-46-320-10	Process Vents: Solvent Process
6-46-320-11	Process Vents: Monomer Recovery
6-46-320-15	Process Vents, Reactor: Opening Loss
6-46-320-16	Process Vents, Reactor: Safety Valve Vents
6-46-320-20	Process Vents: Flash Evaporator
6-46-320-30	Process Vents: Dryer
6-46-320-40	Process Vents: Product Filters
6-46-320-41	Process Vents: Product Screens
6-46-320-42	Process Vents: Grinder
6-46-320-50	Process Vents: Silo Storage
6-46-320-51	Process Vents, Bagger Area: Machines
6-46-320-52	Process Vents, Bagger Area: Resin Transfer
6-46-320-53	Process Vents: Bulk Loading
6-46-320-80	Fugitive Emissions
6-46-320-81	Fugitive Emissions: Manhole Cover Seals
6-46-320-82	Fugitive Emissions: Opening of Equipment for Inspection or Maintenance
6-46-320-83	Fugitive Emissions: Manual Venting
6-46-330-01	PVC and Copolymers Production: Batch Process
6-46-330-10	Process Vents: Bulk Process
6-46-330-11	Process Vents: Monomer Recovery
6-46-330-15	Process Vents, Prepolymerization Reactor: Opening Loss
6-46-330-16	Process Vents, Prepolymerization Reactor: Safety Valve Vents
6-46-330-17	Process Vents, Polymerization Reactor: Opening Loss
6-46-330-20	Process Vents, Polymerization Reactor: Safety Valve Vents
6-46-330-21	Process Vents: Collector
6-46-330-30	Process Vents: Screens
6-46-330-50	Process Vents: Silo Storage
6-46-330-51	Process Vents: Mill For Oversize Product
6-46-330-52	Process Vents, Bagger Area: Machines
6-46-330-53	Process Vents, Bagger Area: Resin Transfer
6-46-330-54	Process Vents: Bulk Loading

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<i>SCC</i>	<i>Description</i>
6-46-330-80	Fugitive Emissions
6-46-330-81	Fugitive Emissions: Manhole Cover Seals
6-46-330-82	Fugitive Emissions: Opening of Equipment for Inspection or Maintenance
6-46-330-83	Fugitive Emissions: Manual Venting
6-46-800-01	Equipment Leaks
6-46-820-01	Process Area Drains
6-46-820-02	Process Equipment Drains
6-46-825-01	Centrifuge
6-46-825-02	Reactor Cleaning
6-46-825-99	Specify Point of Generation

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### **Maleic Anhydride Copolymers Production - Bulk Polymerization**

6-48-200-01	Maleic Anhydride Copolymer Production - Bulk Polymerization
6-48-200-10	Process Vents: Bulk Process
6-48-210-01	Maleic Anhydride Copolymer Production - Solution Polymerization
6-48-210-10	Process Vents: Solution Process
6-48-220-01	Maleic Anhydride Copolymer Production - Emulsion Polymerization
6-48-220-10	Process Vents: Emulsion Process
6-48-230-01	Maleic Anhydride Copolymer Production - Photoinitiation Polymerization
6-48-230-10	Process Vents: Photoinitiation Process
6-48-240-01	Maleic Anhydride Copolymer Production - Actinic Radiation
6-48-240-10	Process Vents: Actinic Radiation
6-48-800-01	Equipment Leaks
6-48-820-01	Process Area Drains
6-48-820-02	Process Equipment Drains
6-48-825-99	Specify Point of Generation

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### **Rayon Fiber Production**

6-49-200-01	Rayon Production
6-49-200-10	Production of Viscose Solution
6-49-200-11	Viscose Solution Production: Mechanical Churn
6-49-200-12	Viscose Solution Production: Mixing Tank
6-49-200-13	Viscose Solution Production: Aging Tank
6-49-200-20	Filament Formation
6-49-200-21	Filament Formation: Spinning Machine
6-49-200-22	Filament Formation: Godet Wheels
6-49-200-30	Fiber Finishing
6-49-200-31	Fiber Finishing: Cutter

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<i>SCC</i>	<i>Description</i>
6-49-200-32	Fiber Finishing: Desulfur
6-49-200-33	Fiber Finishing: Bleach
6-49-200-34	Fiber Finishing: Wash
6-49-300-01	Spandex: Dry Spun
6-49-300-10	Raw Material Preparation for Fiber Production
6-49-300-11	Raw Material Preparation: Blending and Dissolving
6-49-300-12	Raw Material Preparation: Filtration
6-49-300-20	Fiber Spinning
6-49-300-21	Fiber Spinning: Spin Cell
6-49-300-30	Fiber Finishing
6-49-300-31	Fiber Finishing: Finish Application
6-49-300-35	Fiber Finishing: Processing
6-49-300-40	End Product Storage
6-49-300-41	End Product Storage: Beaming and Packaging
6-49-300-45	End Product Storage: Fiber Storage
6-49-300-50	Equipment Cleanup
6-49-310-01	Spandex: Reaction Spun
6-49-310-10	Raw Material Preparation
6-49-310-11	Raw Material Preparation: Prepolymerization Vessel
6-49-310-12	Raw Material Preparation: Filtration
6-49-310-20	Reaction Spinning
6-49-310-21	Reaction Spinning: Spin Bath
6-49-310-22	Reaction Spinning: Conveyor
6-49-310-30	Fiber Finishing
6-49-310-31	Fiber Finishing: Drying Oven
6-49-310-32	Fiber Finishing: Lubrication
6-49-310-40	End Product Storage
6-49-310-41	End Product Storage: Filament Winding
6-49-310-50	Equipment Cleanup
6-49-800-01	Equipment Leaks
6-49-820-01	Process Area Drains
6-49-820-02	Process Equipment Drains
6-49-825-99	Specify Point of Generation

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## **Antimony Oxides Manufacturing**

6-51-100-01	Antimony Oxides Production
6-51-100-10	Burnoff of Antimony



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<i>SCC</i>	<i>Description</i>
6-51-100-11	Roasting: Shaft Furnace
6-51-100-12	Roasting: Rotary Kiln
6-51-100-13	Roasting: Blast Roaster
6-51-100-14	Roasting: Converter
6-51-100-20	Recovery
6-51-100-21	Recovery: Baghouse
6-51-100-22	Recovery: Flues
6-51-100-23	Recovery: Condensing Pipes
6-51-100-24	Recovery: Cottrell Precipitators
6-51-100-29	Recovery: Specify Type of Recovery Equipment
6-51-300-01	Fumed Silica Production
6-51-300-10	Process Vents
6-51-300-11	Process Vents: Reaction
6-51-300-20	Process Vents: Separation
6-51-300-40	Process Vents: End Product Storage
6-51-350-01	Quaternary Ammonium Compound Production
6-51-350-10	Process Vents
6-51-350-11	Process Vents: Reactor
6-51-350-12	Process Vents: Cooling
6-51-350-13	Process Vents: pH Adjustment
6-51-350-14	Process Vents: Filtration
6-51-350-30	Process Vents: End Product Storage
6-51-400-01	Sodium Cyanide Production
6-51-400-10	Process Vents
6-51-400-11	Process Vents: Reactor
6-51-400-12	Process Vents: Evaporator
6-51-400-13	Process Vents: Filtration
6-51-400-14	Process Vents: Mixing Conveyor
6-51-400-15	Process Vents: Drying
6-51-400-16	Process Vents: Compacting
6-51-400-17	Process Vents: Classifier
6-51-400-18	Process Vents: Briquetting
6-51-400-30	Process Vents: End Product Storage
6-51-450-01	Uranium Hexafluoride Production Direct Fluorination
6-51-450-10	Fluorination Tower
6-51-450-11	Fluorination Tower: Reactor
6-51-450-20	Product Finishing

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<i>SCC</i>	<i>Description</i>
6-51-450-21	Product Finishing: Cyclone
6-51-450-22	Product Finishing: Filtration
6-51-450-23	Product Finishing: Cold Trap/Condenser
6-51-450-30	End Product Loading and Storage
6-51-450-31	End Product Loading: Cylinder Loading Station
6-51-800-01	Equipment Leaks
6-51-820-01	Process Area Drains
6-51-820-02	Process Equipment Drains
6-51-825-01	Filtration
6-51-825-99	Specify Point of Generation

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### **Aerosol Can - Filling Facilities**

6-81-100-01	Aerosol Can Filling
6-81-100-10	Process Vents
6-81-100-11	Process Vents: Mixing Tanks
6-81-100-20	Process Vents: Aerosol Can Filling
6-81-100-21	Process Vents, Aerosol Can Filling: Product Filling
6-81-100-22	Process Vents, Aerosol Can Filling: Valve Stem and Valve Insertion
6-81-100-23	Process Vents, Aerosol Can Filling: Propellant Charging
6-81-100-24	Process Vents, Aerosol Can Filling: Sealing Production Can
6-81-100-30	Process Vents: Water Bath, Leak Check
6-81-100-35	Process Vents: Can Washing
6-81-800-01	Equipment Leaks
6-81-820-01	Process Area Drains
6-81-820-02	Process Equipment Drains
6-81-825-99	Specify Point of Generation

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### **Paint Stripper Users - Chemical Strippers**

6-82-400-30	Application, Degradation, and Coating Removal Steps
6-82-400-31	Application, Degradation, & Coating Removal Steps: Methylene Chloride
6-82-400-59	Application, Degradation, and Coating Removal Steps: Other Not Listed
6-82-410-01	Media Blasting
6-82-410-02	Media Blasting: Plastic Bead/Media
6-82-410-04	Media Blasting: Wheat Starch
6-82-410-06	Media Blasting: Grit
6-82-410-08	Media Blasting: Sand
6-82-410-10	Media Blasting: Carbon Dioxide
6-82-410-12	Media Blasting: Sodium Bicarbonate

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<i>SCC</i>	<i>Description</i>
6-82-410-13	Media Blasting: Ice Crystal
6-82-410-30	Media Blasting: Other Not Listed
6-82-410-36	UV Removal
6-82-410-38	Water Jet: Blasting
6-82-410-39	High Pressure Water Jet: Blasting
6-82-410-42	Excimer Flash Lamp
6-82-410-44	Xenon Flash Lamp
6-82-410-46	Carbon Dioxide Pulsed Laser
6-82-410-98	Other Non-chemical: Blasting
6-82-820-01	Process Area Drains
6-82-820-02	Process Equipment Drains
6-82-825-99	Specify Point of Generation

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### **Chlorinated Paraffins Production, Batch Process**

6-84-300-01	Chlorinated Paraffins: Batch Process
6-84-300-10	Process Vents
6-84-300-11	Process Vents: Paraffins/Chlorine Reactor
6-84-300-20	Process Vents: Paraffins Stabilization Vessel
6-84-300-30	Process Vents: Product Storage
6-84-300-31	Process Vents: Partially Chlorinated Paraffin Storage Vessel
6-84-300-32	Process Vents: Product Storage: Chlorinated Paraffin
6-84-301-01	Chlorinated Paraffins: Continuous Process
6-84-301-10	Process Vents
6-84-301-11	Process Vents: Paraffins/Chlorine Reactors
6-84-301-20	Process Vents: Paraffins Stabilization Vessel
6-84-301-30	Process Vents: Product Storage
6-84-301-31	Process Vents: Partially Chlorinated Paraffin Storage Vessel
6-84-301-32	Process Vents, Product Storage: Chlorinated Paraffin
6-84-350-01	Dodecanedioic Acid Production
6-84-350-10	Process Vents
6-84-350-11	Process Vents: Butadiene Dryer
6-84-350-12	Process Vents: Reactor
6-84-350-13	Process Vents: Jets
6-84-350-40	Waste Liquids
6-84-400-01	Ethylidene Norbornene Production
6-84-400-10	Process Vents
6-84-450-01	Hydrazine Production, Olin Raschig Process

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<i>SCC</i>	<i>Description</i>
6-84-450-10	Process Vents: Hydrazine Hydrate Production
6-84-450-11	Process Vents: Chlorination Reactor
6-84-450-12	Process Vents: Chloramine Reactor
6-84-450-13	Process Vents: Hydrazine Reactor
6-84-450-14	Process Vents: Crystallizing Evaporator
6-84-450-15	Process Vents: Hydrate Columns
6-84-450-20	Process Vents: Anhydrous Hydrazine Production
6-84-450-21	Process Vents: Azeotrope Column
6-84-450-22	Process Vents: Hydrazine Column
6-84-450-30	Ammonia Recovery System
6-84-450-40	Product Storage
6-84-451-01	Hydrazine Production, Bayer Ketazine Process
6-84-451-10	Process Vents: Bayer Ketazine Process
6-84-451-11	Process Vents: Hypochlorinator
6-84-451-15	Process Vents: Ketazine Reactor
6-84-451-20	Process Vents: NH3 Recovery System (Stripper)
6-84-451-25	Process Vents: Ketazine Column
6-84-451-30	Process Vents: Pressure Hydrolysis Column
6-84-451-35	Process Vents: Concentrating Column
6-84-451-40	Process Vents: End Product Storage
6-84-452-01	Hydrazine Production, PCUK Peroxide Process
6-84-452-10	Process Vents: PCUK Peroxide Process
6-84-452-11	Process Vents: Reactor Vessel
6-84-452-12	Process Vents: Phase Separator Decanter
6-84-452-13	Process Vents: Concentrator
6-84-452-14	Process Vents: Distillation
6-84-452-15	Process Vents: Hydrolyzer
6-84-452-20	Process Vents: End Product Storage
6-84-800-01	Equipment Leaks
6-84-820-01	Process Area Drains
6-84-820-02	Process Equipment Drains
6-84-825-01	Aniline Decanter
6-84-825-02	Ketazine Column
6-84-825-03	Distillation Purge
6-84-825-04	Concentrator Purge
6-84-825-99	Specify Point of Generation

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*SCC**Description*

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**Phthalate Plasticizers Production**

6-85-100-01	Phthalate Plasticizer Production
6-85-100-10	Process Vents
6-85-100-11	Process Vents: Batch Reactor
6-85-800-01	Equipment Leaks
6-85-820-01	Process Area Drains
6-85-820-02	Process Equipment Drains
6-85-825-99	Specify Point of Generation