

United States  
Environmental Protection  
Agency

Office of Air Quality  
Planning and Standards  
Research Triangle Park, NC 27711

EPA-454/R-95-012  
August 1995

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Air

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**FIRE VERSION 5.0**  
**SOURCE CLASSIFICATION CODES**  
**AND**  
**EMISSION FACTOR LISTING**  
**FOR CRITERIA AIR POLLUTANTS**



**FIRE VERSION 5.0**  
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**AND**  
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**FOR CRITERIA AIR POLLUTANTS**

Office Of Air Quality Planning And Standards  
Office Of Air And Radiation  
U. S. Environmental Protection Agency  
Research Triangle Park, NC 27711

August 1995

This report has been reviewed by the Office Of Air Quality Planning And Standards, U.S. Environmental Protection Agency, and has been approved for publication. Any mention of trade names or commercial products is not intended to constitute endorsement or recommendation for use.

EPA-454/R-95-012

## ABSTRACT

This report provides Source Classification Codes (SCCs) and uncontrolled emission factors from the U.S. Environmental Protection Agency's Factor Information Retrieval (FIRE) System, Version 5.0, for use in the estimation, storage and retrieval of point source air pollutant emissions. Codes and factors are presented here for seven pollutants: particulate matter (PM), particulate matter <10 microns (PM10), sulfur oxides (SO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), volatile organic compounds (VOC), carbon monoxide (CO), and lead. This document updates and replaces "AIRS Facility Subsystem Source Classification Codes And Emission Factor Listing For Criteria Air Pollutants," EPA-450/4-90-003, March 1990. The major goal of this document is to provide assistance to State air pollution emission inventory personnel who prepare air emissions data for submission to the U.S. Environmental Protection Agency as required by the U.S. Code of Federal Regulations (40CFR). Calculation of emission estimates is discussed as well as the Source Classification Code (SCC) system of associating air pollution estimates with identifiable emitting process types or unit operations.



## TABLE OF CONTENTS

	Page
DISCLAIMER . . . . .	ii
ABSTRACT . . . . .	iii
6-DIGIT SCC DESCRIPTIONS . . . . .	1
 USER INFORMATION	
Introduction . . . . .	9
Key to Emission Factors . . . . .	12
Abbreviations and Symbols . . . . .	15
Conversion Factors . . . . .	16
 SOURCE CLASSIFICATION CODES AND EMISSION FACTOR LISTING	
1 External Combustion Boilers	
1-01 Electric Generation . . . . .	EF-1
1-02 Industrial . . . . .	EF-3
1-03 Commercial/Industrial . . . . .	EF-6
1-05 Space Heaters . . . . .	EF-8
2 Internal Combustion Engines	
2-01 Electric Generation . . . . .	EF-8
2-02 Industrial . . . . .	EF-9
2-03 Commercial/Institutional . . . . .	EF-10
2-04 Engine Testing . . . . .	EF-10
3 Industrial Processes	
3-01 Chemical Manufacturing . . . . .	EF-11
3-02 Food and Agriculture . . . . .	EF-34
3-03 Primary Metal Production . . . . .	EF-41
3-04 Secondary Metal Production . . . . .	EF-50
3-05 Mineral Products . . . . .	EF-58
3-06 Petroleum Industry . . . . .	EF-72
3-07 Pulp and Paper and Wood Products . . . . .	EF-75
3-08 Rubber and Miscellaneous Plastics Products . . . . .	EF-77
3-09 Fabricated Metal Products . . . . .	EF-78
3-10 Oil and Gas Production . . . . .	EF-81
3-13 Electrical Equipment . . . . .	EF-82
3-14 Transportation Equipment . . . . .	EF-82
3-15 Photographic Equipment . . . . .	EF-83
3-20 Leather and Leather Products . . . . .	EF-83
3-30 Textile Products . . . . .	EF-83
3-60 Printing and Publishing . . . . .	EF-84
3-85 Cooling Tower . . . . .	EF-84
3-90 In-process Fuel Use . . . . .	EF-84
3-99 Miscellaneous Manufacturing Industries . . . . .	EF-85

## TABLE OF CONTENTS

	Page
4	Petroleum and Solvent Evaporation
4-01	Organic Solvent Evaporation . . . . . EF-85
4-02	Surface Coating Operations . . . . . EF-88
4-03	Petroleum Product Storage at Refineries . . . . . EF-97
4-04	Bulk Terminals/Plants . . . . . EF-102
4-05	Printing/Publishing . . . . . EF-105
4-06	Transportation and Marketing of Petroleum Products . EF-107
4-07	Organic Chemical Storage . . . . . EF-109
4-08	Organic Chemical Transportation . . . . . EF-121
4-90	Organic Solvent Evaporation . . . . . EF-121
5	Waste Disposal
5-01	Solid Waste Disposal - Government . . . . . EF-122
5-02	Solid Waste Disposal - Commercial/Institutional . . . EF-123
5-03	Solid Waste Disposal - Industrial . . . . . EF-124
REFERENCES	. . . . . R-1
APPENDIX A: SCCs WITHOUT CRITERIA EMISSION FACTORS	. . . . . A-1





**FIRE Version 5.0**  
**Source Classification Codes**  
**and Emission Factors**  
**for Criteria Air Pollutants**  
**Six-digit SCC Description**

## 6-DIGIT SCC DESCRIPTIONS

1-01-001	Anthracite Coal
1-01-002	Bituminous/Subbituminous Coal
1-01-003	Lignite
1-01-004	Residual Oil
1-01-005	Distillate Oil
1-01-006	Natural Gas
1-01-007	Process Gas
1-01-008	Coke
1-01-009	Wood/Bark Waste
1-01-010	Liquefied Petroleum Gas (LPG)
1-01-011	Bagasse
1-01-012	Solid Waste
1-01-013	Liquid Waste
1-02-001	Anthracite Coal
1-02-002	Bituminous/Subbituminous Coal
1-02-003	Lignite
1-02-004	Residual Oil
1-02-005	Distillate Oil
1-02-006	Natural Gas
1-02-007	Process Gas
1-02-008	Coke
1-02-009	Wood/Bark Waste
1-02-010	Liquefied Petroleum Gas (LPG)
1-02-011	Bagasse
1-02-012	Solid Waste
1-02-013	Liquid Waste
1-02-014	CO Boiler
1-03-001	Anthracite Coal
1-03-002	Bituminous/Subbituminous Coal
1-03-003	Lignite
1-03-004	Residual Oil
1-03-005	Distillate Oil
1-03-006	Natural Gas
1-03-007	Process Gas
1-03-009	Wood/Bark Waste
1-03-010	Liquefied Petroleum Gas (LPG)
1-03-012	Solid Waste
1-03-013	Liquid Waste
1-05-001	Industrial
1-05-002	Commercial/Institutional
2-01-001	Distillate Oil (Diesel)
2-01-002	Natural Gas
2-01-009	Kerosene/Naphtha (Jet Fuel)
2-02-001	Distillate Oil (Diesel)
2-02-002	Natural Gas
2-02-003	Gasoline
2-02-004	Large Bore Engine
2-02-005	Residual/Crude Oil
2-02-009	Kerosene/Naphtha (Jet Fuel)
2-02-010	Liquefied Petroleum Gas (LPG)
2-03-001	Distillate Oil (Diesel)
2-03-002	Natural Gas
2-03-003	Gasoline
2-03-010	Liquefied Petroleum Gas (LPG)
2-04-001	Aircraft Engine Testing
2-04-003	Turbine

## 6-DIGIT SCC DESCRIPTIONS (Continued)

2-04-004 Reciprocating Engine  
3-01-001 Adipic Acid  
3-01-003 Ammonia Production  
3-01-005 Carbon Black Production  
3-01-006 Charcoal Manufacturing  
3-01-008 Chloro-alkali Production  
3-01-009 Cleaning Chemicals  
3-01-010 Explosives (Trinitrotoluene)  
3-01-011 Hydrochloric Acid  
3-01-012 Hydrofluoric Acid  
3-01-013 Nitric Acid  
3-01-014 Paint Manufacture  
3-01-015 Varnish Manufacturing  
3-01-016 Phosphoric Acid: Wet Process  
3-01-017 Phosphoric Acid: Thermal Process  
3-01-018 Plastics Production  
3-01-019 Phthalic Anhydride  
3-01-020 Printing Ink Manufacture  
3-01-021 Sodium Carbonate  
3-01-023 Sulfuric Acid (Contact Process)  
3-01-024 Synthetic Organic Fiber Manufacturing  
3-01-025 Cellulosic Fiber Production  
3-01-026 Synthetic Rubber (Manufacturing Only)  
3-01-027 Ammonium Nitrate Production  
3-01-028 Normal Superphosphates  
3-01-029 Triple Superphosphate  
3-01-030 Ammonium Phosphates  
3-01-031 Terephthalic Acid/Dimethyl Terephthalate  
3-01-032 Elemental Sulfur Production  
3-01-033 Pesticides  
3-01-034 Aniline/Ethanolamine  
3-01-035 Inorganic Pigments  
3-01-039 Hydrogen Cyanide  
3-01-040 Urea Production  
3-01-042 Lead Alkyl Manufacturing (Sodium/Lead Alloy Process)  
3-01-043 Lead Alkyl Manufacturing (Electrolytic Process)  
3-01-045 Organic Fertilizer  
3-01-070 Inorganic Chemical Manufacturing (General)  
3-01-091 Acetone/Ketone Production  
3-01-100 Maleic Anhydride  
3-01-111 Asbestos Chemical  
3-01-112 Elemental Phosphorous  
3-01-113 Boric Acid  
3-01-114 Potassium Chloride  
3-01-120 Formaldehyde, Acrolein, Acetaldehyde, Butyraldehyde  
3-01-124 Chloroprene  
3-01-125 Chlorine Derivatives  
3-01-127 Fluorocarbons/Chlorofluorocarbons  
3-01-130 Ammonium Sulfate (Use 3-01-210 for Caprolactum Production)  
3-01-132 Organic Acid Manufacturing  
3-01-133 Acetic Anhydride  
3-01-140 Acetylene Production  
3-01-153 Butadiene  
3-01-156 Cumene  
3-01-157 Cyclohexane  
3-01-158 Cyclohexanone/Cyclohexanol

6-DIGIT SCC DESCRIPTIONS (Continued)

3-01-167 Vinyl Acetate  
3-01-169 Ethyl Benzene  
3-01-174 Ethylene Oxide  
3-01-176 Glycerin (Glycerol)  
3-01-181 Toluene Diisocyanate  
3-01-190 Methyl Methacrylate  
3-01-195 Nitrobenzene  
3-01-197 Butylene, Ethylene, Propylene, Olefin Production  
3-01-202 Phenol  
3-01-205 Propylene Oxide  
3-01-206 Styrene  
3-01-210 Caprolactum (Use 3-01-130 for Ammonium Sulfate By-product  
Production)  
3-01-211 Linear Alkylbenzene  
3-01-250 Methanol/Alcohol Production  
3-01-251 Ethylene Glycol  
3-01-252 Etherene Production  
3-01-253 Glycol Ethers  
3-01-254 Nitriles, Acrylonitrile, Adiponitrile Production  
3-01-258 Benzene/Toluene/Aromatics/Xylenes  
3-01-301 Chlorobenzene  
3-01-302 Carbon Tetrachloride  
3-01-303 Allyl Chloride  
3-01-304 Allyl Alcohol  
3-01-870 Inorganic Chemical Storage (Fixed Roof Tanks)  
3-01-875 Inorganic Chemical Storage (Floating Roof Tank)  
3-01-885 Inorganic Chemical Storage (Pressure Tanks)  
3-01-900 Fuel Fired Equipment  
3-02-001 Alfalfa Dehydration  
3-02-002 Coffee Roasting  
3-02-003 Instant Coffee Products  
3-02-004 Cotton Ginning  
3-02-005 Feed and Grain Terminal Elevators  
3-02-006 Feed and Grain Country Elevators  
3-02-007 Grain Millings  
3-02-008 Feed Manufacture  
3-02-009 Beer Production  
3-02-010 Whiskey Production Fermentation  
3-02-011 Wines, Brandy, and Brandy Spirits  
3-02-012 Fish Processing  
3-02-013 Meat Smokehouses  
3-02-014 Starch Manufacturing  
3-02-016 Sugar Beet Processing  
3-02-017 Peanut Processing  
3-02-019 Vegetable Oil Processing  
3-02-020 Beef Cattle Feedlots  
3-02-021 Eggs and Poultry Production  
3-02-026 Seed Products and Processing  
3-02-031 Export Grain Elevators  
3-02-032 Bakeries  
3-02-033 Tobacco Processing  
3-02-034 Baker's Yeast Manufacturing - Dry Yeast  
3-02-036 Deep Fat Frying  
3-02-039 Carob Kibble  
3-02-040 Cereal  
3-02-900 Fuel Fired Equipment

## 6-DIGIT SCC DESCRIPTIONS (Continued)

3-03-000 Aluminum Ore (Bauxite)  
3-03-001 Aluminum Ore (Electro-reduction)  
3-03-002 Aluminum Hydroxide Calcining  
3-03-003 By-product Coke Manufacturing  
3-03-004 Coke Manufacture: Beehive Process  
3-03-005 Primary Copper Smelting  
3-03-006 Ferroalloy, Open Furnace  
3-03-007 Semi-covered Furnace  
3-03-008 Iron Production (See 3-03-015 for Integrated Iron & Steel MACT)  
3-03-009 Steel Manufacturing (See 3-03-015 for Integrated Iron & Steel MACT)  
3-03-010 Lead Production  
3-03-011 Molybdenum  
3-03-012 Titanium  
3-03-014 Barium Ore Processing  
3-03-023 Taconite Iron Ore Processing  
3-03-024 Metal Mining (General Processes)  
3-03-030 Zinc Production  
3-03-031 Leadbearing Ore Crushing and Grinding  
3-03-900 Fuel Fired Equipment  
3-04-001 Aluminum  
3-04-002 Copper  
3-04-003 Grey Iron Foundries  
3-04-004 Lead  
3-04-005 Lead Battery Manufacture  
3-04-006 Magnesium  
3-04-007 Steel Foundries  
3-04-008 Zinc  
3-04-009 Malleable Iron  
3-04-010 Nickel  
3-04-020 Furnace Electrode Manufacture  
3-04-022 Metal Heat Treating  
3-04-040 Lead Cable Coating  
3-04-049 Miscellaneous Casting and Fabricating  
3-04-051 Metallic Lead Products  
3-04-900 Fuel Fired Equipment  
3-05-001 Asphalt Roofing Manufacture  
3-05-002 Asphalt Concrete  
3-05-003 Brick Manufacture  
3-05-004 Calcium Carbide  
3-05-005 Castable Refractory  
3-05-006 Cement Manufacturing (Dry Process)  
3-05-007 Cement Manufacturing (Wet Process)  
3-05-008 Ceramic Clay/Tile Manufacture  
3-05-009 Clay and Fly Ash Sintering  
3-05-010 Coal Mining, Cleaning, and Material Handling (See 305310)  
3-05-011 Concrete Batching  
3-05-012 Fiberglass Manufacturing  
3-05-013 Frit Manufacture  
3-05-014 Glass Manufacture  
3-05-015 Gypsum Manufacture  
3-05-016 Lime Manufacture  
3-05-017 Mineral Wool  
3-05-018 Perlite Manufacturing  
3-05-019 Phosphate Rock  
3-05-020 Stone Quarrying - Processing (See also 305320)

## 6-DIGIT SCC DESCRIPTIONS (Continued)

3-05-021 Salt Mining  
3-05-022 Potash Production  
3-05-024 Magnesium Carbonate  
3-05-025 Construction Sand and Gravel  
3-05-031 Asbestos Mining  
3-05-032 Asbestos Milling  
3-05-033 Vermiculite  
3-05-034 Feldspar  
3-05-040 Mining and Quarrying of Nonmetallic Minerals  
3-05-100 Bulk Materials Elevators  
3-05-101 Bulk Materials Conveyors  
3-05-102 Bulk Materials Storage Bins  
3-05-103 Bulk Materials Open Stockpiles  
3-05-104 Bulk Materials Unloading Operation  
3-05-105 Bulk Materials Loading Operation  
3-05-150 Calcining  
3-05-900 Fuel Fired Equipment  
3-06-001 Process Heaters  
3-06-002 Catalytic Cracking Units  
3-06-003 Catalytic Cracking Units  
3-06-004 Blowdown Systems  
3-06-005 Wastewater Treatment  
3-06-006 Vacuum Distillate Column Condensers  
3-06-007 Cooling Towers  
3-06-008 Fugitive Emissions  
3-06-009 Flares  
3-06-010 Sludge Converter  
3-06-011 Asphalt Blowing  
3-06-012 Fluid Coking Units  
3-06-014 Petroleum Coke Calcining  
3-06-099 Incinerators  
3-07-001 Sulfate (Kraft) Pulping  
3-07-002 Sulfite Pulping  
3-07-003 Neutral Sulfite Semichemical Pulping  
3-07-004 Pulpboard Manufacture  
3-07-007 Plywood/Particleboard Operations  
3-07-008 Sawmill Operations  
3-07-030 Miscellaneous Wood Working Operations  
3-07-900 Fuel Fired Equipment  
3-08-001 Tire Manufacture  
3-08-005 Tire Retreading  
3-08-007 Fiberglass Resin Products  
3-08-900 Process Heaters  
3-09-002 Abrasive Blasting of Metal Parts  
3-09-003 Abrasive Cleaning of Metal Parts  
3-09-010 Electroplating Operations  
3-09-011 Conversion Coating of Metal Products  
3-09-016 Metal Pipe Coating of Metal Parts  
3-09-025 Drum Cleaning/Reclamation  
3-09-030 Machining Operations  
3-09-040 Metal Deposition Processes  
3-09-051 Shielded Metal Arc Welding (SMAW)  
3-09-052 Gas Metal Arc Welding (GMAW)  
3-09-053 Flux Cored Arc Welding (FCAW)  
3-09-054 Submerged Arc Welding (SAW)  
3-09-900 Fuel Fired Equipment

## 6-DIGIT SCC DESCRIPTIONS (Continued)

3-10-001 Crude Oil Production  
3-10-002 Natural Gas Production  
3-10-004 Process Heaters  
3-13-070 Electrical Windings Reclamation  
3-13-900 Process Heaters  
3-14-009 Automobiles/Truck Assembly Operations  
3-14-010 Brake Shoe Debonding  
3-14-011 Auto Body Shredding  
3-15-010 Photocopying Equipment Manufacturing  
3-15-020 Health Care - Hospitals  
3-15-021 Health Care - Crematoriums  
3-20-999 Other Not Classified  
3-30-001 Miscellaneous  
3-30-002 Rubberized Fabrics  
3-60-001 Typesetting (Lead Remelting)  
3-85-001 Process Cooling  
3-90-001 In-process Fuel Use  
3-90-002 In-process Fuel Use  
3-90-003 In-process Fuel Use  
3-90-004 In-process Fuel Use  
3-90-005 In-process Fuel Use  
3-90-006 In-process Fuel Use  
3-90-007 In-process Fuel Use  
3-90-008 In-process Fuel Use  
3-90-009 In-process Fuel Use  
3-90-010 In-process Fuel Use  
3-90-013 In-process Fuel Use  
3-99-900 Miscellaneous Manufacturing Industries  
4-01-001 Dry Cleaning  
4-01-002 Degreasing  
4-01-003 Cold Solvent Cleaning/Stripping  
4-01-004 Knit Fabric Scouring with Chlorinated Solvent  
4-01-005 Solvent Storage  
4-01-888 Fugitive Emissions  
4-02-001 Surface Coating Application - General  
4-02-002 Surface Coating Application - General  
4-02-003 Surface Coating Application - General  
4-02-004 Surface Coating Application - General  
4-02-005 Surface Coating Application - General  
4-02-006 Surface Coating Application - General  
4-02-007 Surface Coating Application - General  
4-02-008 Coating Oven - General  
4-02-009 Thinning Solvents - General  
4-02-010 Coating Oven Heater  
4-02-011 Fabric Coating/Printing  
4-02-012 Fabric Dyeing  
4-02-013 Paper Coating  
4-02-014 Large Appliances  
4-02-015 Magnet Wire Surface Coating  
4-02-016 Automobiles and Light Trucks  
4-02-017 Metal Can Coating  
4-02-018 Metal Coil Coating  
4-02-019 Wood Furniture Surface Coating  
4-02-020 Metal Furniture Operations  
4-02-021 Flatwood Products  
4-02-022 Plastic Parts

## 6-DIGIT SCC DESCRIPTIONS (Continued)

4-02-023 Large Ships  
4-02-024 Large Aircraft  
4-02-025 Miscellaneous Metal Parts  
4-02-026 Steel Drums  
4-02-900 Fuel Fired Equipment  
4-02-999 Miscellaneous  
4-03-001 Deleted - Do Not Use (See 4-03-010 and 4-07)  
4-03-002 Deleted - Do Not Use (See 4-03-011 and 4-07)  
4-03-003 Deleted - Do Not Use (See 4-03-011 and 4-07)  
4-03-010 Fixed Roof Tanks (Varying Sizes)  
4-03-011 Floating Roof Tanks (Varying Sizes)  
4-03-012 Variable Vapor Space  
4-03-999 Other Not Classified  
4-04-001 Bulk Terminals  
4-04-002 Bulk Plants  
4-04-003 Oil Field Storage of Crude  
4-04-004 Petroleum Products - Underground Tanks  
4-05-001 Drying  
4-05-002 General  
4-05-003 General  
4-05-004 General  
4-05-005 General  
4-05-006 General  
4-05-007 General  
4-06-001 Tank Cars and Trucks  
4-06-002 Marine Vessels  
4-06-003 Gasoline Retail Operations - Stage I  
4-06-004 Filling Vehicle Gas Tanks - Stage II  
4-07-004 Fixed Roof Tanks - Acid Anhydrides  
4-07-008 Fixed Roof Tanks - Alcohols  
4-07-016 Fixed Roof Tanks - Alkanes (Paraffins)  
4-07-020 Fixed Roof Tanks - Alkenes (Olefins)  
4-07-032 Fixed Roof Tanks - Amines  
4-07-036 Fixed Roof Tanks - Aromatics  
4-07-040 Fixed Roof Tanks - Carboxylic Acids  
4-07-044 Fixed Roof Tanks - Esters  
4-07-048 Fixed Roof Tanks - Ethers  
4-07-052 Fixed Roof Tanks - Glycol Ethers  
4-07-056 Fixed Roof Tanks - Glycols  
4-07-060 Fixed Roof Tanks - Halogenated Organics  
4-07-064 Fixed Roof Tanks - Isocyanates  
4-07-068 Fixed Roof Tanks - Ketones  
4-07-076 Fixed Roof Tanks - Nitriles  
4-07-080 Fixed Roof Tanks - Nitro Compounds  
4-07-084 Fixed Roof Tanks - Phenols  
4-07-172 Floating Roof Tanks - Aldehydes  
4-07-176 Floating Roof Tanks - Alkanes (Paraffins)  
4-07-180 Floating Roof Tanks - Alkenes (Olefins)  
4-07-208 Floating Roof Tanks - Ethers  
4-07-220 Floating Roof Tanks - Halogenated Organics  
4-07-228 Floating Roof Tanks - Ketones  
4-07-232 Floating Roof Tanks - Mercaptans  
4-07-812 Pressure Tanks - Aldehydes  
4-07-816 Pressure Tanks - Alkanes (Paraffins)  
4-07-820 Pressure Tanks - Alkenes (Olefins)  
4-07-824 Pressure Tanks - Alkynes (Acetylenes)



## 6-DIGIT SCC DESCRIPTIONS (Continued)

4-07-832 Pressure Tanks - Amines  
4-07-848 Pressure Tanks - Ethers  
4-07-860 Pressure Tanks - Halogenated Organics  
4-07-864 Pressure Tanks - Isocyanates  
4-07-872 Pressure Tanks - Mercaptans (Thiols)  
4-07-999 Miscellaneous  
4-08-999 Specific Liquid  
4-90-001 Solvent Extraction Process  
4-90-002 Waste Solvent Recovery Operations  
4-90-003 Rail Car Cleaning  
4-90-004 Tank Truck Cleaning  
4-90-005 Air Stripping Tower  
4-90-900 Fuel Fired Equipment  
4-90-999 Miscellaneous Volatile Organic Compound Evaporation  
5-01-001 Municipal Incineration  
5-01-002 Open Burning Dump  
5-01-005 Other Incineration  
5-01-007 Sewage Treatment  
5-02-001 Incineration  
5-02-002 Open Burning  
5-02-003 Apartment Incineration  
5-02-005 Incineration: Special Purpose  
5-02-006 Landfill Dump  
5-02-009 Asbestos Removal  
5-03-001 Incineration  
5-03-002 Open Burning  
5-03-005 Incineration  
5-03-006 Landfill Dump  
5-03-007 Liquid Waste  
5-03-008 Treatment, Storage, Disposal/TSDF  
5-03-009 Asbestos Removal

**FIRE Version 5.0  
Source Classification Codes  
and Emission Factors  
for Criteria Air Pollutants  
User Information**



## INTRODUCTION

This report provides Source Classification Codes (SCCs) and uncontrolled emission factors from the U.S. Environmental Protection Agency's Factor Information Retrieval (FIRE) System, Version 5.0, for use in the estimation, storage and retrieval of point source air pollutant emissions. Codes and factors are presented here for seven pollutants: particulate matter (PM), particulate matter <10 microns (PM10), sulfur oxides (SO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), volatile organic compounds (VOC), carbon monoxide (CO), and lead. This document updates and replaces "AIRS Facility Subsystem Source Classification Codes And Emission Factor Listing For Criteria Air Pollutants," EPA-450/4-90-003, March 1990. The major goal of this document is to provide assistance to State air pollution emission inventory personnel who prepare air emissions data for submission to the U.S. Environmental Protection Agency as required by the U.S. Code of Federal Regulations (40CFR). Calculation of emission estimates is discussed as well as the Source Classification Code (SCC) system of associating air pollution estimates with identifiable emitting process types or unit operations.

The main body of this report lists the uncontrolled emission factors for all point source SCCs for which EPA has established a factor for at least one of the six criteria pollutants or for particulate matter. An Appendix provides a listing of all remaining point source SCCs, i.e., those for which EPA has not established a factor for any of the seven pollutants. In addition to the factors presented in this report, the electronic FIRE database contains some controlled emission factors for the criteria pollutants as well as emission factors for toxic pollutants.

Factors presented here are uncontrolled, unless the SCC description itself specifies a control device or technique. For both controlled and uncontrolled sources, the user is encouraged to use any valid site-specific data before using the average emission factors presented here. In the case of a controlled facility, it is hoped that a source test or control efficiency estimate for the site would be available.

The emission factors given herein are from FIRE version 5.0, which was released in July 1995. The FIRE emission factors represent EPA's most up-to-date estimate of the average emissions for similar sources. Emission factors in EPA's AIRS Facility Subsystem are to be periodically updated using the FIRE emission factors. The FIRE version 5.0 factors, for the most part, are taken directly from the AP-42 Fifth Edition, January 1995. In certain cases, however, they may be based on the similarity of one process to another for which emissions information does exist.

The SCC list used in this report is complete and compatible with the point source codes used in EPA's AIRS Facility Subsystem as of June 1995. New SCCs are added as needed (without emission factors) into the AIRS Facility Subsystem. Periodic updates of both the FIRE emission factors and the SCC list will be placed on the CHIEF Bulletin Board portion of the OAQPS Technology Transfer Network, as part of the FIRE database updates. The OAQPS Technology Transfer Network can be accessed at (919) 541-5742. For information call (919) 541-5285. Any comments, suggestions, or corrections for this report should be addressed to Ron Ryan at (919) 541-4330.

## What Are Emission Factors

An emission factor is a value that relates the quantity of a pollutant released to the atmosphere to the quantity of the activity that causes the release. These factors are usually expressed as the weight of pollutant emitted divided by a unit weight, volume, distance, or duration of the activity (e.g., pounds of particulate emitted per ton of coal burned). Emission factors for individual sources can be derived by stack testing in conjunction with monitoring of the activity rate or by other engineering analyses. The emission factors developed and presented here by EPA represent an estimate of the average emissions for similar sources. These emission factors are not EPA recommended emission limits (e.g., BACT or LAER) or standards (e.g., NESHAPS or NSPS), and they may significantly over- or underestimate the emissions from any single source. They are provided as an inexpensive default method of estimating emissions from various processes where more site-specific or representative data are not available.

The general equation for emission estimation is:

$$E = A \times EF \times (1-ER/100)$$

where:

E = emissions,

A = activity rate,

EF = emission factor, and

ER = overall emission reduction efficiency, %.

ER is further defined as the product of the control device destruction or removal efficiency and the capture efficiency of the control system.

Calculating carbon monoxide (CO) emissions from distillate oil combustion serves as an example of the simplest use of emission factors. Consider an industrial boiler that burns 90,000 gallons of distillate oil per day. The CO emission factor for industrial boilers burning distillate oil is 5 pounds (lb) CO per 1000 gallons of oil burned (see SCC 1-02-005-01 on page EF-4).

Then CO emissions

$$= \text{CO emission factor} \times \text{distillate oil burned/day}$$

$$= 5 \times 90$$

$$= \underline{450 \text{ lb/day}}$$

In a more complex case, the emission factor for particulate matter (PM) could be an equation. Consider a commercial/industrial boiler that burns 25,000 gallons of residual oil per day. The PM emission factor for commercial/industrial boilers burning residual oil is  $9.19(S) + 3.22$  pounds

(lb) PM per 1000 gallons of oil burned, where S is the weight percent of sulfur in the oil (see SCC 1-03-004-01 on page EF-7). Suppose the weight percent sulfur in the oil was three percent (3%).

Then PM emissions

= PM emission factor x residual oil burned/day.

= [9.19(3) + 3.22] x 50

= 30.79 x 50

= 769.75 lb/day

#### What Are Source Classification Codes

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. SCCs are not synonymous with emission factors, although EPA has attempted to provide average emission factors for as many SCCs as possible. These average emission factors are intended to provide users with a way to estimate emissions for their processes when no better information is available. Users are encouraged to make their best estimate of a specific facility's emissions using whatever data are available. Those estimates can be reported to EPA using the SCC even if the EPA emission factor was not used.

SCCs are primarily used to store and retrieve emissions data in an organized way to allow for the planning and analysis of air quality strategies. SCCs are a required key field for submittal of data to EPA's AIRS Facility Subsystem. SCCs are not generally specific to an industry sector or the end product being produced. The Standard Industrial Classification (SIC) code is a separate data element which can provide this information. SCCs also do not usually specify any add-on control equipment that may be used. SCCs also do not usually identify whether the source is covered by a certain regulation, such as a MACT Source Category standard. However, some State and local air control agencies may be using SCCs as an organizing tool for their own programs. Facilities should therefore first contact the agency which has requested the facility to supply information for any questions regarding how to choose an SCC identifier.

## KEY TO EMISSION FACTORS

1. An "A" accompanying an emission factor means that this factor is the average ash content of the fuel burned, expressed as a percent. See, for example, SCC 1-01-001-01 on page EF-1. If the average ash content of the pulverized anthracite coal burned was five percent (5%), then the emission factor would become  $2.3 \times 5$ , 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 average sulfur content of the fuel burned, expressed as a percent. See, for example, SCC 1-01-001-01 on page EF-1. If the average sulfur content of the pulverized anthracite coal burned was three percent (3%), then the emission factor would become  $39 \times 3$ , or 117 pounds, of SO<sub>x</sub> emitted per ton of anthracite coal burned (before control).
3. An "\*" accompanying an emission factor means that this factor is not in AIRS standard units. The reported units are printed directly below the emission factor.
4. An "\*\*\*" accompanying an SCC description means that this SCC is obsolete and should not be used.
5. The entry "---" means that EPA does not have a suggested emission factor for this pollutant for this SCC. See, for example, SCC 1-01-001-01 for Lead on page EF-1.
6. Some emission factors are given as equations and are shown in the listing as "EQ#." The equations are as follows:

EQ1:  $EF = 9.19(S) + 3.22$ , where S is the weight percent of sulfur in oil. For example, if the weight percent sulfur in the oil was three percent (3%), then the emission factor would be  $9.19(3) + 3.22$ , or 30.79 pounds, emitted per 1000 gallons of oil burned.

EQ2:  $EF = 0.71*[9.19(S) + 3.22]$ , where S is the weight percent of sulfur in oil. For example, if the weight percent sulfur in the oil was three percent (3%), then the emission factor would be  $0.71*[9.19(3) + 3.22]$ , or 21.86 pounds, emitted per 1000 gallons of oil burned.

EQ3:  $EF = 0.86*[9.19(S) + 3.22]$ , where S is the weight percent of sulfur in oil. For example, if the weight percent sulfur in the oil was three percent (3%), then the emission factor would be  $0.86*[9.19(3) + 3.22]$ , or 26.48 pounds, emitted per 1000 gallons of oil burned.

EQ4:  $EF = 0.62*[9.19(S) + 3.22]$ , where S is the weight percent of sulfur in oil. For example, if the weight percent sulfur in the oil was three percent (3%), then the emission factor would be  $0.62*[9.19(3) + 3.22]$ , or 19.09 pounds, emitted per 1000 gallons of oil burned.

**EQ5:**  $EF = 39.6(S)(Ca/S)^{-1.9}$ , where S is the weight percent sulfur in the fuel 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. When no calcium-based sorbents are used and the bed material is inert with respect to sulfur capture, the emission factor for underfeed stokers should be used to estimate the SO<sub>2</sub> emissions. For example, if the weight percent sulfur in the fuel was three percent (3%) and Ca/S was 4, then the emission factor would be  $39.6(3)(4^{-1.9})$ , or 8.53 pounds, emitted per ton of coal burned.

**EQ6:**  $EF = 0.05S_1 + 0.895S_2$ , where S<sub>1</sub> is the percent sulfur in fuel oil and S<sub>2</sub> is the percent sulfur in natural gas. For example, if the weight percent sulfur in the fuel oil was three percent (3%) and the weight percent sulfur in the natural gas was four percent (4%), then the emission factor would be  $0.05(3) + 0.895(4)$ , or 3.71 pounds, emitted per 1000 horsepower-hour.

**EQ7:**  $M = 2.2046*[2*Q*1170*(1050.2/(273+T))/1E6]$ , where M is non-methane organic compound mass emissions as hexane, pounds per year. Q is methane generation rate, cubic meter per year, and T is the temperature of landfill gas, degrees Celsius. The site-specific value, if known, for the non-methane organic compound concentration should be substituted for the constant 1170.

**EQ8:**  $M = 2.2046*[2*Q*309.32*(341.38/(273+T))/1E6]$ , where M is carbon monoxide mass emissions, pounds per year. Q is methane generation rate, cubic meter per year, and T is the temperature of landfill gas, degrees Celsius. The site-specific value, if known, for the carbon monoxide concentration should be substituted for the constant 309.32.

7. "Ref" refers to primary references corresponding to the factors from the FIRE database. The list of references for factors found in this document can be found under "References" in the back of this document. Note that because the reference numbers correspond to the entire FIRE reference list (both criteria and toxics), the reference numbers in this document will not be consecutive. In some cases, the reference column number is blank. This indicates the emission factor originated from the AIRS Facility Subsystem, and the reference is unknown.

8. Emission factors are given under column headings of PM, PM10, SOx, NOx, VOC, CO, and Lead. The explanations of what pollutant factors from the FIRE database are given under these headings is as follows:

**PM:** Factors are given for "Particulate Matter (PM), Total," where those factors exist. If no factor for "Particulate Matter (PM), Total" was found in FIRE, the factor for "Particulate Matter (PM), Not Specified" was used, and if neither factor was found, the factor for "Particulate Matter (PM), Filterable" was used in the "PM" column.

**PM10:** The values listed in the "PM10" column were selected using the same preference order described above for "PM" factors (Total, then Not Specified, then Filterable).



**SOx:** "Sulfur Oxides (SOx)" factors in FIRE database are given, if available. If none were found, factors for "Sulfur Dioxide (SO2)" are shown.

**NOx:** All "NOx" factors are for nitrogen oxides, which includes NO, NO2, N2O, and all other nitrogen oxides, all expressed as NO2.

**VOC:** All "VOC" factors are for volatile organic compounds, which excludes methane, ethane, and certain other organics considered by EPA to be non-photochemically reactive. Factors for Total Organic Compounds that may be in the FIRE database are not shown here, even where a VOC factor is not available.

**CO:** All "CO" factors are for carbon monoxide.

**Lead:** "Lead" or "Elemental Lead" factors in FIRE database are given, if available. If none were found, factors for "Lead Oxide" or "Lead Compounds" are shown.

## ABBREVIATIONS AND SYMBOLS

A	--	Ash content of fuel, by weight percent
BBL	--	Barrels
Btu	--	British Thermal Units
CO	--	Carbon Monoxide
CO <sub>2</sub>	--	Carbon Dioxide
ESP	--	Electrostatic Precipitator
HDV	--	Heavy Duty Vehicle
HP	--	Horsepower
IC	--	Internal Combustion
LDV	--	Light Duty Vehicle
LTO	--	Landing and Take-off Cycle
MACT	--	Maximum Achievable Control Technology
MDV	--	Medium Duty Vehicle
MM	--	Million
MWE	--	Megawatt Electric
NEC	--	Not Elsewhere Classified
NEG	--	Negligible Emissions
NO <sub>x</sub>	--	Nitrogen Oxides
PM	--	Particulate Matter
PM10	--	Particulate Matter < 10 microns
Pb	--	Lead
RVP	--	Reid Vapor Pressure, the absolute pressure of gasoline at 100° F 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>2</sub>	--	Sulfur Dioxide
SO <sub>x</sub>	--	Sulfur Oxides
VOC	--	Volatile Organic Compound

## CONVERSION FACTORS

To Convert From	To	Multiply By
Acre	Square Meter (m <sup>2</sup> )	4047
Acre	hectare (ha)	2.471
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> )	Liter (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**	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
Fahrenheit	Centigrade	5/9* (°F-32)
Centigrade	Fahrenheit	9/5*°C+32

\* 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.

**FIRE Version 5.0**  
**Source Classification Codes**  
**and Emission Factors**  
**for Criteria Air Pollutants**  
**Source Classification Codes**  
**and Emission Factors**



## FIRE V5.0 Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>1 EXTERNAL COMBUSTION BOILERS</u></b>																
<b><u>1-01 ELECTRIC GENERATION</u></b>																
<b><u>1-01-001 Anthracite Coal</u></b>																
10100101	Pulverized Coal	1.00E+01	A 1321	2.30E+00	A 1321	3.90E+01	S 1413	1.80E+01	1321	7.00E-02	252	6.00E-01	252	- - -		Lb/Tons Burned
10100102	Traveling Grate (Overfeed) Stoker	8.00E-01	A 1321	9.80E-01	252	3.90E+01	S 1413	9.80E+00	1321	7.00E-02	252	6.00E-01	1321	8.90E-03	1321	Lb/Tons Burned
<b><u>1-01-002 Bituminous/Subbituminous Coal</u></b>																
10100201	Pulverized Coal: Wet Bottom (Bituminous Coal)	7.00E+00	A 1320	2.60E+00	A 1320	3.80E+01	S 1320	3.40E+01	1320	4.00E-02	1320	5.00E-01	1320	1.31E-02	1320	Lb/Tons Burned
10100202	Pulverized Coal: Dry Bottom (Bituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.80E+01	S 1320	2.17E+01	1320	6.00E-02	1320	0.50E+00	1320	1.31E-02	1320	Lb/Tons Burned
10100203	Cyclone Furnace (Bituminous Coal)	2.00E+00	A 1320	2.60E-01	A 1320	3.80E+01	S 1320	3.38E+01	1320	1.10E-01	1320	0.50E+00	1320	1.31E-02	1320	Lb/Tons Burned
10100204	Spreader Stoker (Bituminous Coal)	6.60E+01	1320	1.32E+01	1320	3.80E+01	S 1320	1.37E+01	1320	5.00E-02	1320	5.00E+00	1320	1.31E-02	1320	Lb/Tons Burned
10100205	Traveling Grate (Overfeed) Stoker (Bituminous Coal)	1.60E+01	1320	6.00E+00	1320	3.80E+01	S 1320	7.50E+00	1320	5.00E-02	1320	6.00E+00	1320	1.31E-02	1320	Lb/Tons Burned
10100212	Pulverized Coal: Dry Bottom (Tangential) (Bituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.80E+01	S 1320	1.44E+01	1320	6.00E-02	1320	0.50E+00	1320	- - -		Lb/Tons Burned
10100217	Atmospheric Fluidized Bed Combustion: Bubbling Bed (Bituminous Coal)	1.20E+01	1320	1.32E+01	1320	EQ5	1320	1.52E+01	1320	5.00E-02	1320	1.80E+01	1320	- - -		Lb/Tons Burned
10100218	Atmospheric Fluidized Bed Combustion: Circulating Bed (Bitum. Coal)	1.70E+01	1320	1.32E+01	1320	EQ5	1320	3.90E+00	1320	5.00E-02	1320	1.80E+01	1320	- - -		Lb/Tons Burned
10100221	Pulverized Coal: Wet Bottom (Subbituminous Coal)	7.00E+00	A 1320	2.60E+00	A 1320	3.50E+01	S 1320	3.40E+01	1320	4.00E-02	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned
10100222	Pulverized Coal: Dry Bottom (Subbituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.50E+01	S 1320	2.17E+01	1320	6.00E-02	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned
10100223	Cyclone Furnace (Subbituminous Coal)	2.00E+00	A 1320	2.60E-01	A 1320	3.50E+01	S 1320	3.38E+01	1320	1.10E-01	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned
10100224	Spreader Stoker (Subbituminous Coal)	6.60E+01	1320	1.32E+01	1320	3.50E+01	S 1320	1.37E+01	1320	5.00E-02	1320	5.00E+00	1320	9.74E-03	1320	Lb/Tons Burned
10100225	Traveling Grate (Overfeed) Stoker (Subbituminous Coal)	1.60E+01	1320	6.00E+00	1320	3.50E+01	S 1320	7.50E+00	1320	5.00E-02	1320	6.00E+00	1320	9.74E-03	1320	Lb/Tons Burned
10100226	Pulverized Coal: Dry Bottom Tangential (Subbituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.50E+01	S 1320	1.44E+01	1320	6.00E-02	1320	0.50E+00	1320	- - -		Lb/Tons Burned
<b><u>1-01-003 Lignite</u></b>																
10100301	Pulverized Coal	5.10E+00	A 1326	2.18E+00	A 252	3.00E+01	S 1326	1.11E+01	1326	7.00E-02	252	0.25E+00	1326	- - -		Lb/Tons Burned
10100302	Pulverized Coal: Tangential Firing	6.50E+00	A 1326	2.30E+00	A 1326	3.00E+01	S 1326	7.30E+00	1326	7.00E-02	252	6.00E-01	252	- - -		Lb/Tons Burned
10100303	Cyclone Furnace	6.70E+00	A 1326	- - -	- - -	3.00E+01	S 1326	1.25E+01	1326	7.00E-02	252	6.00E-01	252	- - -		Lb/Tons Burned
10100304	Traveling Grate (Overfeed) Stoker	3.40E+00	A 1326	- - -	- - -	3.00E+01	S 1326	6.00E+00	252	7.00E-02	252	6.00E+00	252	- - -		Lb/Tons Burned
10100306	Spreader Stoker	8.00E+00	A 1326	1.60E+00	A 1326	3.00E+01	S 1326	5.80E+00	1326	7.00E-02	252	5.00E+00	252	- - -		Lb/Tons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>1-01-003 Lignite</i></b>																
10100316	Atmospheric Fluidized Bed	---		---		1.00E+01	S 1326	3.60E+00	1326	---		0.15E+00	1326	---		Lb/Tons Burned
<b><i>1-01-004 Residual Oil</i></b>																
10100401	Grade 6 Oil: Normal Firing	EQ1	1322	EQ2	1322	1.59E+02	252	6.70E+01	1322	7.60E-01	1322	5.00E+00	1322	1.24E-02	1322	Lb/1000 Gallons Burned
10100404	Grade 6 Oil: Tangential Firing	EQ1	1322	EQ2	1322	1.59E+02	252	4.20E+01	1322	7.60E-01	1322	5.00E+00	1322	1.24E-02	1322	Lb/1000 Gallons Burned
10100405	Grade 5 Oil: Normal Firing	1.00E+01	1322	7.08E+00	1322	1.59E+02	252	6.70E+01	1322	7.60E-01	1322	5.00E+00	1322	2.40E-03	249	Lb/1000 Gallons Burned
10100406	Grade 5 Oil: Tangential Firing	1.00E+01	1322	7.08E+00	1322	1.59E+02	252	4.20E+01	1322	7.60E-01	1322	5.00E+00	1322	---		Lb/1000 Gallons Burned
<b><i>1-01-005 Distillate Oil</i></b>																
10100501	Grades 1 and 2 Oil	2.00E+00	252	1.00E+00	252	1.43E+02	345	2.00E+01	346	2.00E-01	252	5.00E+00	252	1.24E-03	1322	Lb/1000 Gallons Burned
10100504	Grade 4 Oil: Normal Firing	7.00E+00	1322	4.96E+00	1322	1.59E+02	252	6.70E+01	1322	7.60E-01	1322	5.00E+00	1322	---		Lb/1000 Gallons Burned
10100505	Grade 4 Oil: Tangential Firing	7.00E+00	1322	4.96E+00	1322	1.59E+02	252	4.20E+01	1322	7.60E-01	1322	5.00E+00	1322	---		Lb/1000 Gallons Burned
<b><i>1-01-006 Natural Gas</i></b>																
10100601	Boilers > 100 Million Btu/hr except Tangential	2.00E+00	1323	3.00E+00	252	6.00E-01	1416	5.50E+02	1323	1.40E+00	252	4.00E+01	1323	---		Lb/Million Cubic Feet Burned
10100602	Boilers < 100 Million Btu/hr except Tangential	1.37E+01	1416	3.00E+00	252	6.00E-01	1416	1.40E+02	1323	2.80E+00	252	3.50E+01	1416	---		Lb/Million Cubic Feet Burned
10100604	Tangentially Fired Units	2.00E+00	1323	3.00E+00	252	6.00E-01	252	2.75E+02	1323	1.40E+00	252	4.00E+01	1323	---		Lb/Million Cubic Feet Burned
<b><i>1-01-007 Process Gas</i></b>																
10100701	Boilers > 100 Million Btu/hr	3.00E+00	252	3.00E+00	252	---		5.50E+02	252	1.40E+00	252	4.00E+01	252	---		Lb/Million Cubic Feet Burned
10100702	Boilers < 100 Million Btu/hr	3.00E+00	252	3.00E+00	252	---		1.40E+02	252	2.80E+00	252	3.50E+01	252	---		Lb/Million Cubic Feet Burned
<b><i>1-01-008 Coke</i></b>																
10100801	All Boiler Sizes	1.00E+01	A 252	7.90E+00	A 252	3.90E+01	S 252	2.10E+01	252	7.00E-02	252	6.00E-01	252	---		Lb/Tons Burned
<b><i>1-01-009 Wood/Bark Waste</i></b>																
10100901	Bark-fired Boiler	4.70E+01	1325	1.70E+01	1325	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	2.90E-03	1325	Lb/Tons Burned
10100902	Wood/Bark Fired Boiler	7.20E+00	1325	6.50E+00	1325	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	---		Lb/Tons Burned
10100903	Wood-fired Boiler	8.80E+00	1325	7.90E+00	349	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	2.90E-03	1418	Lb/Tons Burned
<b><i>1-01-010 Liquefied Petroleum Gas (LPG)</i></b>																
10101001	Butane	2.80E-01	252	2.80E-01	252	9.50E-02	252	1.32E+01	252	2.60E-01	252	3.30E+00	252	---		Lb/1000 Gallons Burned
10101002	Propane	2.60E-01	252	2.60E-01	252	9.50E-02	252	1.24E+01	252	2.50E-01	252	3.10E+00	252	---		Lb/1000 Gallons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>1-01-011 Bagasse</i></b>																
10101101	All Boiler Sizes	1.60E+01	1419	1.36E+00	1419	0.00E+00	252	1.20E+00	1419	---	---	---	---	---	---	Lb/Tons Burned
<b><i>1-01-012 Solid Waste</i></b>																
10101201	Specify Waste Material in Comments	---	---	---	---	---	---	---	---	---	---	---	---	2.65E-01	1193	Lb/Tons Burned
10101202	Refuse Derived Fuel	8.00E+01	252	---	---	1.70E+00	252	5.00E+00	252	---	---	3.60E+00	252	---	---	Lb/Tons Burned
<b><i>1-01-013 Liquid Waste</i></b>																
10101301	Specify Waste Material in Comments	---	---	---	---	---	---	---	---	1.00E+00	252	---	---	---	---	Lb/1000 Gallons Burned
10101302	Waste Oil	6.10E+01	---	5.10E+01	252	1.47E+02	252	2.00E+01	252	1.00E+00	252	5.00E+00	252	1.68E+00	252	Lb/1000 Gallons Burned
<b><i>1-02 INDUSTRIAL</i></b>																
<b><i>1-02-001 Anthracite Coal</i></b>																
10200101	Pulverized Coal	1.00E+01	A 1321	2.30E+00	A 1321	3.90E+01	S 1415	1.80E+01	1321	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10200104	Traveling Grate (Overfeed) Stoker	8.00E-01	A 1321	4.80E+00	252	3.90E+01	S 1415	9.00E+00	1321	7.00E-02	252	6.00E-01	1321	0.89E-02	1321	Lb/Tons Burned
10200107	Hand-fired	1.00E+01	1321	5.20E+00	252	3.90E+01	S 252	3.00E+00	252	1.00E+01	252	9.00E+01	252	---	---	Lb/Tons Burned
<b><i>1-02-002 Bituminous/Subbituminous Coal</i></b>																
10200201	Pulverized Coal: Wet Bottom	7.00E+00	A 1320	2.60E+00	A 1320	3.80E+01	S 1320	3.40E+01	1320	4.00E-02	1320	0.50E+00	1320	1.31E-02	1320	Lb/Tons Burned
10200202	Pulverized Coal: Dry Bottom	1.00E+01	A 1320	2.30E+00	A 1320	3.80E+01	S 1320	2.17E+01	1320	6.00E-02	1320	0.50E+00	1320	1.31E-02	1320	Lb/Tons Burned
10200203	Cyclone Furnace	2.00E+00	A 1320	2.60E-01	A 1320	3.80E+01	S 1320	3.38E+01	1320	1.10E-01	1320	0.50E+00	1320	1.31E-02	1320	Lb/Tons Burned
10200204	Spreader Stoker	6.60E+01	1320	1.32E+01	1320	3.80E+01	S 1320	1.37E+01	1320	5.00E-02	1320	5.00E+00	1320	1.31E-02	1320	Lb/Tons Burned
10200205	Overfeed Stoker	1.60E+01	1320	6.00E+00	1320	3.80E+01	S 1320	7.50E+00	1320	5.00E-02	1320	6.00E+00	1320	1.31E-02	1320	Lb/Tons Burned
10200206	Underfeed Stoker	1.50E+01	1320	6.20E+00	1320	3.10E+01	S 1320	9.50E+00	1320	1.30E+00	1320	1.10E+01	1320	2.23E-01	139	Lb/Tons Burned
10200210	Overfeed Stoker **	1.60E+01	---	---	---	3.90E+01	S	7.50E+00	231	7.00E-02	---	6.00E+00	---	1.33E-02	---	Lb/Tons Burned
10200212	Pulverized Coal: Dry Bottom (Tangential)	1.00E+01	A 1320	2.30E+00	A 1320	3.80E+01	S 1320	1.44E+01	1320	6.00E-02	1320	0.50E+00	1320	---	---	Lb/Tons Burned
10200213	Wet Slurry	---	---	---	---	---	---	---	---	---	---	---	---	9.88E-03	1054	Lb/Tons Burned
10200217	Atmospheric Fluidized Bed Combustion: Bubbling Bed (Bituminous Coal)	1.20E+01	1320	1.32E+01	1320	EQ5	1320	1.52E+01	1320	5.00E-02	1320	1.80E+01	1320	---	---	Lb/Tons Burned
10200218	Atmospheric Fluidized Bed Combustion: Circulating Bed (Bitum. Coal)	1.70E+01	1320	1.32E+01	1320	EQ5	1320	3.90E+00	1320	5.00E-02	1320	1.80E+01	1320	---	---	Lb/Tons Burned
10200219	Cogeneration	1.00E+01	A 252	2.30E+00	A 252	3.90E+01	S 252	1.50E+01	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10200221	Pulverized Coal: Wet Bottom (Subbituminous Coal)	7.00E+00	A 1320	2.60E+00	A 1320	3.50E+01	S 1320	3.40E+01	1320	4.00E-02	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned
10200222	Pulverized Coal: Dry Bottom (Subbituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.50E+01	S 1320	2.17E+01	1320	6.00E-02	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>1-02-002 Bituminous/Subbituminous Coal</i></b>																
10200223	Cyclone Furnace (Subbituminous Coal)	2.00E+00	A 1320	2.60E-01	A 1320	3.50E+01	S 1320	3.38E+01	1320	1.10E-01	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned
10200224	Spreader Stoker (Subbituminous Coal)	6.60E+01	1320	1.32E+01	1320	3.50E+01	S 1320	1.37E+01	1320	5.00E-02	1320	5.00E+00	1320	9.74E-03	1320	Lb/Tons Burned
10200225	Traveling Grate (Overfeed) Stoker (Subbituminous Coal)	1.60E+01	1320	6.00E+00	1320	3.50E+01	S 1320	7.50E+00	1320	5.00E-02	1320	6.00E+00	1320	9.74E-03	1320	Lb/Tons Burned
10200226	Pulverized Coal: Dry Bottom Tangential (Subbituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.50E+01	S 1320	1.44E+01	1320	6.00E-02	1320	0.50E+00	1320	---	---	Lb/Tons Burned
10200229	Cogeneration (Subbituminous Coal)	1.00E+01	A 252	2.30E+00	A 252	3.50E+01	A 252	1.50E+01	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
<b><i>1-02-003 Lignite</i></b>																
10200301	Pulverized Coal	6.30E+00	A 252	2.18E+00	A 252	3.00E+01	S 252	1.40E+01	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10200302	Pulverized Coal: Tangential Firing	6.30E+00	A 252	2.18E+00	A 252	3.00E+01	S 252	8.00E+00	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10200303	Cyclone Furnace	6.70E+00	A 252	8.70E-01	A 252	3.00E+01	S 252	1.70E+01	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10200304	Traveling Grate (Overfeed) Stoker	2.90E+00	A 252	1.07E+00	A 252	3.00E+01	S 252	6.00E+00	252	7.00E-02	252	6.00E+00	252	---	---	Lb/Tons Burned
10200306	Spreader Stoker	6.80E+00	A 252	1.36E+00	A 252	3.00E+01	S 252	6.00E+00	252	7.00E-02	252	5.00E+00	252	---	---	Lb/Tons Burned
10200307	Cogeneration	6.30E+00	A 252	2.18E+00	A 252	3.00E+01	S 252	1.20E+01	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
<b><i>1-02-004 Residual Oil</i></b>																
10200401	Grade 6 Oil	EQ1	1322	EQ3	1322	1.58E+02	252	5.50E+01	1322	2.80E-01	1322	5.00E+00	1322	1.24E-02	1322	Lb/1000 Gallons Burned
10200402	10-100 Million Btu/hr **	EQ1	1322	EQ3	1322	1.57E+02	1322	5.50E+01	1322	2.80E-01	1322	5.00E+00	1322	---	---	Lb/1000 Gallons Burned
10200403	< 10 Million Btu/hr **	EQ1	1322	EQ3	1322	1.58E+02	5.50E+01	1322	2.80E-01	1322	5.00E+00	1322	4.20E-03	---	---	Lb/1000 Gallons Burned
10200404	Grade 5 Oil	1.00E+01	1322	8.60E+00	1322	1.58E+02	252	5.50E+01	1322	2.80E-01	1322	5.00E+00	1322	---	---	Lb/1000 Gallons Burned
10200405	Cogeneration	1.30E+01	345	1.17E+01	377	1.58E+02	345	5.50E+01	376	2.80E-01	252	5.00E+00	252	---	---	Lb/1000 Gallons Burned
<b><i>1-02-005 Distillate Oil</i></b>																
10200501	Grades 1 and 2 Oil	2.00E+00	1322	1.00E+00	1322	1.43E+02	252	2.00E+01	1322	2.00E-01	1322	5.00E+00	1322	1.24E-03	1322	Lb/1000 Gallons Burned
10200502	10-100 Million Btu/hr **	2.00E+00	1322	1.00E+00	1322	1.43E+02	2.00E+01	1322	2.00E-01	1322	5.00E+00	1322	---	---	---	Lb/1000 Gallons Burned
10200503	< 10 Million Btu/hr **	2.00E+00	1322	1.00E+00	1322	1.43E+02	2.00E+01	1322	2.00E-01	1322	5.00E+00	1322	4.00E-04	---	---	Lb/1000 Gallons Burned
10200504	Grade 4 Oil	7.00E+00	1322	6.02E+00	1322	1.58E+02	345	2.00E+01	1322	2.00E-01	1322	5.00E+00	1322	---	---	Lb/1000 Gallons Burned
10200505	Cogeneration	2.00E+00	252	1.00E+00	252	1.43E+02	252	2.00E+01	252	2.00E-01	252	5.00E+00	252	---	---	Lb/1000 Gallons Burned
<b><i>1-02-006 Natural Gas</i></b>																
10200601	> 100 Million Btu/hr	3.00E+00	1416	---	---	6.00E-01	1416	5.50E+02	1325	1.40E+00	252	4.00E+01	1416	---	---	Lb/Million Cubic Feet Burned
10200602	10-100 Million Btu/hr	6.20E+00	1323	---	---	6.00E-01	1416	1.40E+02	1325	2.80E+00	252	3.50E+01	1323	---	---	Lb/Million Cubic Feet Burned
10200603	< 10 Million Btu/hr	1.20E+01	1416	---	---	6.00E-01	1416	1.00E+02	1325	5.30E+00	252	2.10E+01	1416	---	---	Lb/Million Cubic Feet Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>1-02-006 Natural Gas</u></b>																
10200604	Cogeneration	3.00E+00	252	3.00E+00	252	6.00E-01	252	1.40E+02	1525	2.80E+00	376	3.50E+01	376	---	---	Lb/Million Cubic Feet Burned
<b><u>1-02-007 Process Gas</u></b>																
10200701	Petroleum Refinery Gas	3.00E+00	252	3.00E+00	347	---	---	1.40E+02	252	2.80E+00	252	3.50E+01	252	---	---	Lb/Million Cubic Feet Burned
10200710	Cogeneration	---	---	---	---	---	---	---	---	2.80E+00	252	---	---	---	---	Lb/Million Cubic Feet Burned
10200799	Other: Specify in Comments	---	---	---	---	---	---	---	---	---	---	---	---	6.66E-06	* 1098	Lb/Million Cubic Feet Burned
lb/MMBtu heat input																
<b><u>1-02-008 Coke</u></b>																
10200802	All Boiler Sizes	7.00E+00	A 252	5.50E+00	A 255	3.90E+01	S 252	1.40E+01	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10200804	Cogeneration	7.00E+00	A 252	5.50E+00	A 252	3.90E+01	S 252	1.40E+01	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
<b><u>1-02-009 Wood/Bark Waste</u></b>																
10200901	Bark-fired Boiler (> 50,000 Lb Steam)	4.70E+01	1325	1.70E+01	1325	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	2.90E-03	1325	Lb/Tons Burned
10200902	Wood/Bark-fired Boiler (> 50,000 Lb Steam)	7.20E+00	1325	6.50E+00	1325	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	---	---	Lb/Tons Burned
10200903	Wood-fired Boiler (> 50,000 Lb Steam)	8.80E+00	1325	7.90E+00	252	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	---	---	Lb/Tons Burned
10200904	Bark-fired Boiler (< 50,000 Lb Steam)	4.70E+01	1325	1.70E+01	1325	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	2.90E-03	1325	Lb/Tons Burned
10200905	Wood/Bark-fired Boiler (< 50,000 Lb Steam)	7.20E+00	1325	6.50E+00	1325	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	---	---	Lb/Tons Burned
10200906	Wood-fired Boiler (< 50,000 Lb Steam)	8.80E+00	1325	7.90E+00	252	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	---	---	Lb/Tons Burned
10200907	Wood Cogeneration	8.80E+00	1418	---	---	7.50E-02	1418	1.50E+00	1418	1.40E+00	---	1.36E+01	1418	---	---	Lb/Tons Burned
<b><u>1-02-010 Liquefied Petroleum Gas (LPG)</u></b>																
10201001	Butane	6.00E-01	1324	2.80E-01	252	9.80E-02	1324	2.10E+01	1324	2.60E-01	252	3.60E+00	1324	3.60E+00	---	Lb/1000 Gallons Burned
10201002	Propane	6.00E-01	1324	2.60E-01	252	1.00E-01	1324	1.90E+01	1324	2.50E-01	252	3.20E+00	1324	---	---	Lb/1000 Gallons Burned
<b><u>1-02-011 Bagasse</u></b>																
10201101	All Boiler Sizes	1.56E+01	1327	1.36E+00	1419	0.00E+00	252	1.20E+00	1327	---	---	---	---	---	---	Lb/Tons Burned
<b><u>1-02-012 Solid Waste</u></b>																
10201201	Specify Waste Material in Comments	---	---	---	---	1.60E+00	382	5.90E+00	252	2.00E+00	252	---	---	---	---	Lb/Tons Burned
10201202	Refuse Derived Fuel	8.00E+01	252	4.40E+01	252	1.70E+00	252	5.00E+00	252	---	---	3.60E+00	252	1.30E-01	252	Lb/Tons Burned
<b><u>1-02-013 Liquid Waste</u></b>																
10201301	Specify Waste Material in Comments	---	---	---	---	2.80E+01	252	2.30E+01	381	1.00E+00	381	---	---	---	---	Lb/1000 Gallons Burned
10201302	Waste Oil	6.10E+01	252	5.10E+01	252	1.47E+02	252	3.00E+01	252	1.00E+00	252	5.00E+00	252	1.68E+00	379	Lb/1000 Gallons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>1-02-014 CO Boiler</i></b>																
10201401	Natural Gas	3.00E+00	347	3.00E+00	347	6.00E-01	347	1.40E+02	347	2.80E+00	347	3.50E+01	347	---	---	Lb/Million Cubic Feet Burned
10201402	Process Gas	3.00E+00	252	3.00E+00	347	---	---	1.40E+02	347	2.80E+00	347	3.50E+01	347	---	---	Lb/Million Cubic Feet Burned
10201403	Distillate Oil	2.00E+00	381	1.00E+00	381	1.43E+02	381	2.00E+01	381	2.00E-01	381	5.00E+00	381	---	---	Lb/1000 Gallons Burned
10201404	Residual Oil	1.30E+01	381	1.17E+01	381	1.58E+02	381	5.50E+01	381	2.80E-01	381	5.00E+00	381	---	---	Lb/1000 Gallons Burned
<b><i>1-03 COMMERCIAL/INDUSTRIAL</i></b>																
<b><i>1-03-001 Anthracite Coal</i></b>																
10300101	Pulverized Coal	1.00E+01	A 1321	2.30E+00	A 1321	3.90E+01	S 1415	1.80E+01	1321	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10300102	Traveling Grate (Overfeed) Stoker	8.00E-01	A 1321	4.80E+00	252	3.90E+01	S 1415	9.00E+00	1321	7.00E-02	252	6.00E-01	1321	0.89E-02	1321	Lb/Tons Burned
10300103	Hand-fired	1.00E+01	1321	5.20E+00	252	3.90E+01	S 252	3.00E+00	252	1.00E+01	252	9.00E+01	252	---	---	Lb/Tons Burned
<b><i>1-03-002 Bituminous/Subbituminous Coal</i></b>																
10300203	Cyclone Furnace (Bituminous Coal)	2.00E+00	A 1320	2.60E-01	A 1320	3.80E+01	S 1320	3.38E+01	1320	1.10E-01	1320	0.50E+00	1320	1.31E-02	1320	Lb/Tons Burned
10300205	Pulverized Coal: Wet Bottom (Bituminous Coal)	7.00E+00	A 1320	2.60E+00	A 1320	3.80E+01	S 1320	3.40E+01	1320	4.00E-02	1320	0.50E+00	1320	1.31E-02	1320	Lb/Tons Burned
10300206	Pulverized Coal: Dry Bottom (Bituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.80E+01	S 1320	2.17E+01	1320	6.00E-02	1320	0.50E+00	1320	1.31E-02	1320	Lb/Tons Burned
10300207	Overfeed Stoker (Bituminous Coal)	1.60E+01	1320	6.00E+00	1320	3.80E+01	S 1320	7.50E+00	1320	5.00E-02	1320	6.00E+00	1320	1.31E-02	1320	Lb/Tons Burned
10300208	Underfeed Stoker (Bituminous Coal)	1.50E+01	1320	6.20E+00	1320	3.10E+01	S 1320	9.50E+00	1320	1.30E+00	1320	1.10E+01	1320	---	---	Lb/Tons Burned
10300209	Spreader Stoker (Bituminous Coal)	6.60E+01	1320	1.32E+01	1320	3.80E+01	S 1320	1.37E+01	1320	5.00E-02	1320	5.00E+00	1320	1.31E-02	1320	Lb/Tons Burned
10300211	Overfeed Stoker **	1.60E+01	---	---	---	3.90E+01	S 731	7.50E+00	731	7.00E-02	---	6.00E+00	---	1.33E-02	---	Lb/Tons Burned
10300214	Hand-fired (Bituminous Coal)	1.50E+01	1320	6.20E+00	1320	3.10E+01	S 1320	9.10E+00	1320	1.00E+01	1320	2.75E+02	1320	---	---	Lb/Tons Burned
10300216	Pulverized Coal: Dry Bottom (Tangential) (Bituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.80E+01	S 1320	1.44E+01	1320	6.00E-02	1320	0.50E+00	1320	---	---	Lb/Tons Burned
10300217	Atmospheric Fluidized Bed Combustion: Bubbling Bed (Bituminous Coal)	1.20E+01	1320	1.32E+01	1320	EQ5	1320	1.52E+01	1320	5.00E-02	1320	1.80E+01	1320	---	---	Lb/Tons Burned
10300218	Atmospheric Fluidized Bed Combustion: Circulating Bed (Bitum. Coal)	1.70E+01	1320	1.32E+01	1320	EQ5	1320	3.90E+00	1320	5.00E-02	1320	1.80E+01	1320	---	---	Lb/Tons Burned
10300221	Pulverized Coal: Wet Bottom (Subbituminous Coal)	7.00E+00	A 1320	2.60E+00	A 1320	3.50E+01	S 1320	3.40E+01	1320	4.00E-02	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned
10300222	Pulverized Coal: Dry Bottom (Subbituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.50E+01	S 1320	2.17E+01	1320	6.00E-02	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned
10300223	Cyclone Furnace (Subbituminous Coal)	2.00E+00	A 1320	2.60E-01	A 1320	3.50E+01	S 1320	3.38E+01	1320	1.10E-01	1320	0.50E+00	1320	9.74E-03	1320	Lb/Tons Burned
10300224	Spreader Stoker (Subbituminous Coal)	6.60E+01	1320	1.32E+01	1320	3.50E+01	S 1320	1.37E+01	1320	5.00E-02	1320	5.00E+00	1320	9.74E-03	1320	Lb/Tons Burned
10300225	Traveling Grate (Overfeed) Stoker (Subbituminous Coal)	1.60E+01	1320	6.00E+00	1320	3.50E+01	S 1320	7.50E+00	1320	5.00E-02	1320	6.00E+00	1320	9.74E-03	1320	Lb/Tons Burned
10300226	Pulverized Coal: Dry Bottom Tangential (Subbituminous Coal)	1.00E+01	A 1320	2.30E+00	A 1320	3.50E+01	S 1320	1.44E+01	1320	6.00E-02	1320	0.50E+00	1320	---	---	Lb/Tons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>1-03-003 Lignite</i></b>																
10300305	Pulverized Coal	6.30E+00	A 252	2.18E+00	A 252	3.00E+01	S 252	1.40E+01	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10300306	Pulverized Coal: Tangential Firing	6.30E+00	A 252	2.18E+00	A 252	3.00E+01	S 252	8.00E+00	252	7.00E-02	252	6.00E-01	252	---	---	Lb/Tons Burned
10300307	Traveling Grate (Overfeed) Stoker	2.90E+00	A 252	1.07E+00	A 252	3.00E+01	S 252	6.00E+00	252	7.00E-02	252	6.00E+00	252	---	---	Lb/Tons Burned
10300309	Spreader Stoker	6.80E+00	A 252	1.36E+00	A 252	3.00E+01	S 252	6.00E+00	252	7.00E-02	252	5.00E+00	252	---	---	Lb/Tons Burned
<b><i>1-03-004 Residual Oil</i></b>																
10300401	Grade 6 Oil	EQ1	1322	EQ4	1322	1.58E+02	252	5.50E+01	1322	1.13E+00	1322	5.00E+00	1322	1.24E-04	1322	Lb/1000 Gallons Burned
10300402	10-100 Million Btu/hr **	EQ1	1322	EQ4	1322	1.58E+02		5.50E+01	1322	1.13E+00	1322	5.00E+00	1322	4.20E-03		Lb/1000 Gallons Burned
10300403	< 10 Million Btu/hr **	EQ1	1322	EQ4	1322	1.58E+02		5.50E+01	1322	1.13E+00	1322	5.00E+00	1322	4.20E-03		Lb/1000 Gallons Burned
10300404	Grade 5 Oil	1.00E+01	1322	0.62E+01	1322	1.58E+02	252	5.50E+01	1322	1.13E+00	1322	5.00E+00	1322	---	---	Lb/1000 Gallons Burned
<b><i>1-03-005 Distillate Oil</i></b>																
10300501	Grades 1 and 2 Oil	2.00E+00	1322	1.08E+00	1322	1.43E+02	252	2.00E+01	1322	3.40E-01	1322	5.00E+00	1322	1.24E-03	1322	Lb/1000 Gallons Burned
10300502	10-100 Million Btu/hr **	2.00E+00	1322	1.08E+00	1322	1.43E+02		2.00E+01	1322	3.40E-01	1322	5.00E+00	1322	4.00E-04		Lb/1000 Gallons Burned
10300503	< 10 Million Btu/hr **	2.00E+00	1322	1.08E+00	1322	1.43E+02		2.00E+01	1322	3.40E-01	1322	5.00E+00	1322	4.00E-04		Lb/1000 Gallons Burned
10300504	Grade 4 Oil	7.00E+00	1322	1.08E+00	1322	1.58E+02	145	2.00E+01	1322	3.40E-01	1322	5.00E+00	1322	---	---	Lb/1000 Gallons Burned
<b><i>1-03-006 Natural Gas</i></b>																
10300601	> 100 Million Btu/hr	3.00E+00	1416	3.00E+00	252	6.00E-01	1416	5.50E+02	1323	1.40E+00	252	4.00E+01	1416	---	---	Lb/Million Cubic Feet Burned
10300602	10-100 Million Btu/hr	1.37E+01	1416	3.00E+00	252	6.00E-01	1416	1.40E+02	1323	2.80E+00	252	3.50E+01	1416	---	---	Lb/Million Cubic Feet Burned
10300603	< 10 Million Btu/hr	4.50E+00	1323	3.00E+00	252	6.00E-01	1416	1.00E+02	1323	5.30E+00	252	2.10E+01	1323	---	---	Lb/Million Cubic Feet Burned
<b><i>1-03-007 Process Gas</i></b>																
10300701	POTW Digester Gas-fired Boiler	---	---	---	---	4.50E+00	182	---	---	3.00E+00	252	---	---	---	---	Lb/Million Cubic Feet Burned
<b><i>1-03-009 Wood/Bark Waste</i></b>																
10300901	Bark-fired Boiler	4.70E+01	1325	1.70E+01	1325	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	2.90E-03	1325	Lb/Tons Burned
10300902	Wood/Bark-fired Boiler	7.20E+00	1325	6.50E+00	1325	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	---	---	Lb/Tons Burned
10300903	Wood-fired Boiler	8.80E+00	1325	7.90E+00	252	7.50E-02	1418	1.50E+00	1418	1.40E+00	252	1.36E+01	1418	---	---	Lb/Tons Burned
<b><i>1-03-010 Liquefied Petroleum Gas (LPG)</i></b>																
10301001	Butane	5.00E-01	1324	2.80E-01	253	9.00E-02	1324	1.50E+01	1324	5.00E-01	252	2.10E+00	1324	---	---	Lb/1000 Gallons Burned
10301002	Propane	4.00E-01	1324	2.60E-01	253	1.00E-01	1324	1.40E+01	1324	4.70E-01	252	1.90E+00	1324	---	---	Lb/1000 Gallons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>1-03-012 Solid Waste</u></b>																
10301201	Specify Waste Material in Comments	---		---		1.60E+00	252	5.90E+00	252	2.00E+00	252	---		---		Lb/Tons Burned
10301202	Refuse Derived Fuel	8.00E+01	252	4.40E+01	252	1.70E+00	252	5.00E+00	252	---		3.60E+00	252	1.30E-01	252	Lb/Tons Burned
<b><u>1-03-013 Liquid Waste</u></b>																
10301301	Specify Waste Material in Comments	---		---		---		---		1.00E+00	252	---		---		Lb/1000 Gallons Burned
10301302	Waste Oil	6.10E+01	1330	5.10E+01	1330	1.47E+02	1330	1.90E+01	1330	1.00E+00	252	5.00E+00	1330	---		Lb/1000 Gallons Burned
<b><u>1-05 SPACE HEATERS</u></b>																
<b><u>1-05-001 Industrial</u></b>																
10500102	Coal **	---		---		3.90E+01	1415	3.00E+00	1415	---		---		---		Lb/Tons Burned
10500105	Distillate Oil	---		2.46E+00	252	---		---		---		---		---		Lb/1000 Gallons Burned
10500106	Natural Gas	3.00E+00	252	3.00E+00	347	6.00E-01	347	1.00E+02	347	5.30E+00	347	2.00E+01	347	---		Lb/Million Cubic Feet Burned
10500110	Liquified Petroleum Gas (LPG)	6.00E-01	1417	1.85E+00	252	9.50E-02	1417	2.00E+01	1417	---		3.40E+00	1417	---		Lb/1000 Gallons Burned
10500113	Waste Oil: Air Atomized Burner	6.40E+01	1330	5.70E+01	1330	1.07E+02	1330	1.60E+01	1330	1.00E+00	381	2.10E+00	1330	5.00E+01 *	1330	Lb/1000 Gallons Burned
														lb/1000 gal/wt % lead		
10500114	Waste Oil: Vaporizing Burner	2.80E+00	1330	2.10E+00	602	1.00E+02	1330	1.10E+01	1330	1.00E+00	381	1.70E+00	1330	---		Lb/1000 Gallons Burned
<b><u>1-05-002 Commercial/Institutional</u></b>																
10500202	Coal **	---		---		3.90E+01	1415	3.00E+00	1415	---		---		---		Lb/Tons Burned
10500205	Distillate Oil	---		2.46E+00	252	---		---		7.00E-01		---		---		Lb/1000 Gallons Burned
10500206	Natural Gas	3.00E+00	252	3.00E+00	252	6.00E-01	252	1.00E+02	252	5.30E+00	252	2.00E+01	252	---		Lb/Million Cubic Feet Burned
10500209	Wood	8.80E+00	1418	2.50E+01	252	7.50E-02	1418	1.50E+00	1418	---		1.36E+01	1418	---		Lb/Tons Burned
10500210	Liquified Petroleum Gas (LPG)	4.50E-01	1417	1.85E+00	252	9.50E-02	1417	1.45E+01	1417	---		2.50E+00	1417	---		Lb/1000 Gallons Burned
10500213	Waste Oil: Air Atomized Burner	6.40E+01	1330	5.70E+01	1330	1.07E+02	1330	1.60E+01	1330	1.00E+00	381	2.10E+00	1330	5.00E+01 *	1330	Lb/1000 Gallons Burned
														lb/1000 gal/wt % lead		
10500214	Waste Oil: Vaporizing Burner	2.80E+00	1330	2.10E+00	603	1.00E+02	1330	1.10E+01	1330	1.00E+00	381	1.70E+00	1330	---		Lb/1000 Gallons Burned
<b><u>2 INTERNAL COMBUSTION ENGINES</u></b>																
<b><u>2-01 ELECTRIC GENERATION</u></b>																
<b><u>2-01-001 Distillate Oil (Diesel)</u></b>																
20100101	Turbine	8.54E+00	1423	5.32E+00	1330	1.41E+02 S	1330	9.77E+01	1330	6.67E+02	594	6.72E+00	1330	8.12E-03	1330	Lb/1000 Gallons Burned
20100102	Reciprocating	3.35E+01	252	3.20E+01	252	3.12E+01	252	4.69E+02	252	3.21E+01	252	1.02E+02	252	---		Lb/1000 Gallons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>2-01-002 Natural Gas</u></b>																
20100201	Turbine	4.19E-02	1423	2.02E+01	1378	9.87E+02	S 1339	4.62E+02	1378	1.26E+01	252	1.15E+02	1378	---	---	Lb/Million Cubic Feet Burned
20100202	Reciprocating	3.10E-01	385	1.00E+01	252	2.90E-01	252	2.70E+00	252	---	---	9.50E-01	252	---	---	Lb/Million Cubic Feet Burned
<b><u>2-01-009 Kerosene/Naphtha (Jet Fuel)</u></b>																
20100901	Turbine	5.00E+00	252	4.80E+00	252	1.40E+02	386	6.78E+01	252	4.77E+00	394	1.54E+01	252	---	---	Lb/1000 Gallons Burned
20100902	Reciprocating	3.35E+01	252	3.20E+01	252	3.12E+01	386	4.69E+02	252	3.21E+01	394	1.02E+02	252	---	---	Lb/1000 Gallons Burned
<b><u>2-02 INDUSTRIAL</u></b>																
<b><u>2-02-001 Distillate Oil (Diesel)</u></b>																
20200101	Turbine	5.00E+00	252	4.80E+00	252	1.40E+02	252	6.78E+01	252	4.77E+00	394	1.54E+01	252	---	---	Lb/1000 Gallons Burned
20200102	Reciprocating	4.24E+01	1423	4.24E+01	1340	3.97E+01	1340	6.04E+02	1340	4.39E+03	350	1.30E+02	1340	---	---	Lb/1000 Gallons Burned
20200103	Turbine: Cogeneration	5.00E+00	252	4.80E+00	252	1.40E+02	252	6.78E+01	252	4.77E+00	394	1.54E+01	252	---	---	Lb/1000 Gallons Burned
20200104	Reciprocating: Cogeneration	3.35E+01	252	3.20E+01	252	3.12E+01	252	4.69E+02	252	3.21E+01	350	1.02E+02	252	---	---	Lb/1000 Gallons Burned
<b><u>2-02-002 Natural Gas</u></b>																
20200201	Turbine	1.40E+01	252	1.40E+01	252	6.00E-01	252	3.57E+02	1339	2.10E+00	1339	1.78E+02	1339	---	---	Lb/Million Cubic Feet Burned
20200202	Reciprocating	---	---	1.00E+01	252	6.00E-01	252	2.70E+00	1424	8.29E+01	350	3.80E-01	1424	---	---	Lb/Million Cubic Feet Burned
20200203	Turbine: Cogeneration	1.40E+01	252	1.40E+01	252	9.40E+02	252	4.13E+02	252	1.26E+01	394	1.15E+02	252	---	---	Lb/Million Cubic Feet Burned
20200204	Reciprocating: Cogeneration	---	---	1.00E+01	252	6.00E-01	252	3.40E+03	252	---	---	4.30E+02	252	---	---	Lb/Million Cubic Feet Burned
20200252	2-cycle Lean Burn	---	---	---	---	---	---	2.83E+03	1339	1.15E+02	1339	3.99E+02	1339	---	---	Lb/Million Cubic Feet Burned
20200253	4-cycle Rich Burn	---	---	---	---	---	---	2.41E+03	1339	3.15E+01	1339	1.68E+03	1339	---	---	Lb/Million Cubic Feet Burned
20200254	4-cycle Lean Burn	---	---	---	---	---	---	3.36E+03	1339	1.89E+02	1339	4.41E+02	1339	---	---	Lb/Million Cubic Feet Burned
<b><u>2-02-003 Gasoline</u></b>																
20200301	Reciprocating	1.26E+01	1423	1.26E+01	1340	1.05E+01	1340	2.05E+02	1340	---	---	7.90E+03	1340	---	---	Lb/1000 Gallons Burned
<b><u>2-02-004 Large Bore Engine</u></b>																
20200401	Diesel	9.54E+00	1341	7.85E+00	1341	1.38E+02	S 1341	4.24E+02	1341	1.37E+01	1341	1.10E+02	1341	---	---	Lb/1000 Gallons Burned
20200402	Dual Fuel (Oil/Gas)	2.20E+00	252	2.00E+00	252	1.00E+02	1341	2.17E+01	1341	1.40E+00	1341	5.53E+00	1341	---	---	Lb/1000 Horsepower-Hours
20200403	Cogeneration: Dual Fuel	---	---	3.20E-02	252	7.00E-01	387	1.80E+01	387	1.50E+00	387	5.90E+00	387	---	---	Lb/100,000 Brake Horsepower-Hours
<b><u>2-02-005 Residual/Crude Oil</u></b>																
20200501	Reciprocating	3.35E+01	252	3.08E+01	252	---	---	4.69E+02	252	3.21E+01	394	1.02E+02	252	---	---	Lb/1000 Gallons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>2-02-009 Kerosene/Naphtha (Jet Fuel)</u></b>																
20200901	Turbine	5.00E+00	252	4.80E+00	253	1.40E+02	386	6.78E+01	252	4.77E+00	594	1.54E+01	252	---	---	Lb/1000 Gallons Burned
20200902	Reciprocating	3.35E+01	252	3.20E+01	253	3.12E+01	386	4.69E+02	252	3.21E+01	594	1.02E+02	252	---	---	Lb/1000 Gallons Burned
<b><u>2-02-010 Liquefied Petroleum Gas (LPG)</u></b>																
20201001	Propane: Reciprocating	---	---	5.00E+00	252	---	---	---	---	---	---	---	---	---	---	Lb/1000 Gallons Burned
20201002	Butane: Reciprocating	---	---	5.00E+00	252	---	---	---	---	---	---	---	---	---	---	Lb/1000 Gallons Burned
<b><u>2-03 COMMERCIAL/INSTITUTIONAL</u></b>																
<b><u>2-03-001 Distillate Oil (Diesel)</u></b>																
20300101	Reciprocating	4.24E+01	3425	4.24E+01	1340	3.97E+01	1340	6.04E+02	1340	4.39E+03	594	1.30E+02	1340	---	---	Lb/1000 Gallons Burned
20300102	Turbine	5.00E+00	252	4.80E+00	252	1.40E+02	252	6.78E+01	252	4.77E+00	594	1.54E+01	252	---	---	Lb/1000 Gallons Burned
<b><u>2-03-002 Natural Gas</u></b>																
20300201	Reciprocating	1.00E+01	---	1.00E+01	252	6.00E+01	252	3.40E+03	252	8.29E+01	---	4.30E+02	252	---	---	Lb/Million Cubic Feet Burned
20300202	Turbine	1.40E+01	252	1.40E+01	252	9.40E+02	252	4.13E+02	252	1.26E+01	594	1.15E+02	252	---	---	Lb/Million Cubic Feet Burned
<b><u>2-03-003 Gasoline</u></b>																
20300301	Reciprocating	1.26E+01	3425	1.26E+01	1340	1.05E+01	1340	2.05E+02	1340	---	---	7.90E+03	1340	---	---	Lb/1000 Gallons Burned
<b><u>2-03-010 Liquefied Petroleum Gas (LPG)</u></b>																
20301001	Propane: Reciprocating	---	---	5.00E+00	252	---	---	---	---	---	---	---	---	---	---	Lb/1000 Gallons Burned
20301002	Butane: Reciprocating	---	---	5.00E+00	252	---	---	---	---	---	---	---	---	---	---	Lb/1000 Gallons Burned
<b><u>2-04 ENGINE TESTING</u></b>																
<b><u>2-04-001 Aircraft Engine Testing</u></b>																
20400101	Turbojet	---	---	1.13E+01	252	---	---	---	---	---	---	---	---	---	---	Lb/1000 Gallons Burned
20400102	Turboshaft	---	---	1.13E+01	252	---	---	---	---	---	---	---	---	---	---	Lb/1000 Gallons Burned
<b><u>2-04-003 Turbine</u></b>																
20400301	Natural Gas	1.40E+01	252	1.40E+01	252	6.00E+01	252	3.00E+02	252	6.90E+00	594	1.20E+02	252	---	---	Lb/Million Cubic Feet Burned
20400302	Diesel/Kerosene	5.00E+00	252	4.80E+00	252	1.40E+02	386	6.78E+01	252	4.77E+00	594	1.54E+01	252	---	---	Lb/1000 Gallons Burned
<b><u>2-04-004 Reciprocating Engine</u></b>																
20400401	Gasoline	6.47E+00	252	6.20E+00	252	5.31E+00	252	1.02E+02	252	1.48E+02	---	3.94E+03	252	---	---	Lb/1000 Gallons Burned
20400402	Diesel/Kerosene	3.35E+01	252	3.20E+01	252	3.12E+01	252	4.69E+02	252	3.21E+01	594	1.02E+02	252	---	---	Lb/1000 Gallons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>3 INDUSTRIAL PROCESSES</b>																
<b><u>3-01 CHEMICAL MANUFACTURING</u></b>																
<b><u>3-01-001 Adipic Acid</u></b>																
30100101	General	9.00E-01	252	3.70E-02	252	0.00E+00	252	---	---	4.27E+01	252	1.15E+02	252	---	---	Lb/Tons of Product
30100102	Raw Material Storage	0.00E+00	252	0.00E+00	471	0.00E+00	252	0.00E+00	252	2.20E+00	252	0.00E+00	252	---	---	Lb/Tons of Product
30100103	Cyclohexane Oxidation	0.00E+00	252	0.00E+00	471	0.00E+00	252	1.40E+00	1344	5.50E-01	1344	4.90E-01	1344	---	---	Lb/Tons of Product
30100104	Nitric Acid Reaction	0.00E+00	252	0.00E+00	471	0.00E+00	252	1.60E+00	1344	1.40E-02	1344	2.80E-01	1344	---	---	Lb/Tons of Product
30100105	Adipic Acid Refining	1.00E-01	252	4.00E-03	252	0.00E+00	252	6.00E-01	1344	5.00E-01	1344	0.00E+00	252	---	---	Lb/Tons of Product
30100106	Drying, Loading, and Storage	8.00E-01	252	3.20E-02	252	0.00E+00	252	0.00E+00	---	1.00E-01	254	0.00E+00	252	---	---	Lb/Tons of Product
30100107	Absorber	---	---	---	---	---	---	9.48E+01	254	4.00E-01	252	---	---	---	---	Lb/Tons of Product
30100108	Dryer	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons of Product
30100109	Cooler	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons of Product
30100180	Fugitive Emissions: General	---	---	---	---	---	---	---	---	6.18E+04	535	---	---	---	---	Lb/Process Unit-Year
<b><u>3-01-003 Ammonia Production</u></b>																
30100305	Feedstock Desulfurization	---	---	---	---	1.90E-02	252	---	---	7.20E+00	252	1.38E+01	1356	---	---	Lb/Tons of Ammonia Produced
30100306	Primary Reformer: Natural Gas Fired	1.44E-01	252	1.44E-01	252	4.80E-03	252	5.40E+00	252	1.20E-02	252	1.36E-01	252	---	---	Lb/Tons of Ammonia Produced
30100307	Primary Reformer: Oil Fired	9.00E-01	252	8.60E-01	252	2.60E+00	252	5.40E+00	252	3.80E-01	252	2.40E-01	252	---	---	Lb/Tons of Ammonia Produced
30100308	Carbon Dioxide Regenerator	0.00E+00	252	0.00E+00	534	0.00E+00	252	0.00E+00	534	1.04E+00	252	2.00E+00	1356	---	---	Lb/Tons of Ammonia Produced
30100309	Condensate Stripper	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	1.20E+00	252	0.00E+00	252	---	---	Lb/Tons of Ammonia Produced
<b><u>3-01-005 Carbon Black Production</u></b>																
30100502	Thermal Process	0.00E+00	252	0.00E+00	471	---	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
30100503	Gas Furnace Process: Main Process Vent	---	---	3.20E+00	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
30100504	Oil Furnace Process: Main Process Vent	6.53E+00	1343	6.53E+00	252	0.00E+00	1343	5.60E-01	1343	1.00E+02	1343	2.80E+03	1343	---	---	Lb/Tons Produced
30100506	Transport Air Vent	5.80E-01	252	5.80E-01	252	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	---	---	Lb/Tons Produced
30100507	Pellet Dryer	4.50E-01	---	2.40E-01	252	---	---	7.30E-01	252	4.00E-01	415	---	---	---	---	Lb/Tons Produced
30100508	Bagging/Loading	6.00E-02	252	6.00E-02	252	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	---	---	Lb/Tons Produced
30100509	Furnace Process: Fugitive Emissions	2.00E-01	1343	2.00E-01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
30100510	Main Process Vent with CO Boiler and Incinerator	2.07E+00	1343	---	---	3.52E+01	1343	9.30E+00	1343	1.98E+00	1343	1.75E+00	1343	---	---	Lb/Tons Produced
<b><u>3-01-006 Charcoal Manufacturing</u></b>																
30100601	General	2.66E+02	252	---	---	---	---	2.40E+01	252	3.14E+02	252	3.44E+02	252	---	---	Lb/Tons Produced



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-006 Charcoal Manufacturing</u></b>																
30100603	Batch Kiln	2.66E+02	516	2.55E+02	252	---	---	2.40E+01	516	3.14E+02	516	3.44E+02	516	---	---	Lb/Tons Produced
30100604	Continuous Furnace	2.66E+02	516	2.55E+02	252	---	---	2.40E+01	516	3.14E+02	516	3.44E+02	516	---	---	Lb/Tons Produced
30100605	Briquetting	5.60E+01	252	2.41E+01	252	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	---	---	Lb/Tons Produced
<b><u>3-01-008 Chloro-alkali Production</u></b>																
30100801	Liquefaction (Diaphragm Cell Process)	---	---	---	---	0.00E+00	516	---	---	0.00E+00	516	---	---	---	---	Lb/100 Tons Chlorine Liquefied
30100802	Liquefaction (Mercury Cell Process)	---	---	---	---	---	---	---	---	0.00E+00	495	---	---	---	---	Lb/100 Tons Chlorine Liquefied
30100803	Chlorine Loading: Tank Car Vent	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	---	---	Lb/100 Tons Chlorine Liquefied
30100804	Chlorine Loading: Storage Car Vent	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	---	---	Lb/100 Tons Chlorine Liquefied
30100805	Air Blowing of Mercury Cell Brine	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	---	---	Lb/100 Tons Chlorine Liquefied
<b><u>3-01-009 Cleaning Chemicals</u></b>																
30100901	Spray Drying: Soaps and Detergents	9.00E+01	351	---	---	---	---	---	---	5.00E-02	517	---	---	---	---	Lb/Tons Produced
30100910	Detergent Granule Handling	---	---	---	---	0.00E+00 *	---	---	---	---	---	---	---	---	---	Lb/Tons Processed
<small>lb/ton product</small>																
<b><u>3-01-010 Explosives (Trinitrotoluene)</u></b>																
30101011	Batch Process: Nitration Reactors Fume Recovery	---	---	---	---	---	---	2.50E+01	252	0.00E+00	497	---	---	---	---	Lb/Tons Produced
30101012	Batch Process: Nitration Reactors Acid Recovery	---	---	---	---	---	---	5.50E+01	252	0.00E+00	497	---	---	---	---	Lb/Tons Produced
30101013	Batch Process: Nitric Acid Concentrators	---	---	---	---	---	---	3.70E+01	252	0.00E+00	497	---	---	---	---	Lb/Tons Produced
30101014	Batch Process: Sulfuric Acid Concentrators	---	---	---	---	1.40E+01	252	4.00E+01	252	0.00E+00	497	---	---	---	---	Lb/Tons Produced
30101015	Batch Process: Red Water Incinerator	2.50E+01	252	2.35E+01	252	2.00E+00	252	2.60E+01	252	1.10E+00	498	---	---	---	---	Lb/Tons Produced
30101021	Continuous Process: Nitration Reactor Fume Recover **(Use 3-01-010-51)	---	---	---	---	---	---	8.00E+00	252	0.00E+00	496	---	---	---	---	Lb/Tons Produced
30101022	Continuous Process: Nitration Reactor Acid Recover **(Use 3-01-010-52)	---	---	---	---	---	---	3.00E+00	252	0.00E+00	496	---	---	---	---	Lb/Tons Produced
30101023	Continuous Process: Red Water Incinerator **(Use 3-01-010-53)	2.50E-01	252	2.40E-01	252	2.40E-01	252	7.00E+00	252	1.10E+00	498	---	---	---	---	Lb/Tons Produced
30101030	Open Burning: Waste	1.80E+02	252	1.42E+02	604	---	---	1.50E+02	252	1.10E+00	252	5.60E+01	252	---	---	Lb/Tons TNT Burned
<b><u>3-01-011 Hydrochloric Acid</u></b>																
30101101	By-product Process	---	---	---	---	0.00E+00	516	0.00E+00	516	0.00E+00	516	---	---	---	---	Lb/Tons Final Acid
<b><u>3-01-012 Hydrofluoric Acid</u></b>																
30101202	Rotary Kiln: Acid Reactor	---	---	---	---	2.70E+00	333	7.00E-02	397	---	---	---	---	---	---	Lb/Tons Acid

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-012 Hydrofluoric Acid</u></b>																
30101203	Fluorspar Grinding/Drying	7.50E+01	1364	3.89E+01	552	0.00E+00	420	1.45E-01	252	---	---	---	---	---	---	Lb/Tons Fluorspar
30101204	Fluorspar Handling Silos	6.00E+01	1364	3.06E+01	---	0.00E+00	534	0.00E+00	252	0.00E+00	534	0.00E+00	534	---	---	Lb/Tons Fluorspar
30101205	Fluorspar Transfer	6.00E+00	1364	3.10E+00	---	0.00E+00	534	0.00E+00	252	0.00E+00	534	0.00E+00	534	---	---	Lb/Tons Fluorspar
30101206	Tail Gas Vent	---	---	---	---	4.50E+01	252	---	---	---	---	---	---	---	---	Lb/Tons Acid
<b><u>3-01-013 Nitric Acid</u></b>																
30101301	Absorber Tail Gas (Pre-1970 Facilities)	---	---	---	---	0.00E+00	420	4.30E+01	252	0.00E+00	534	---	---	---	---	Lb/Tons Pure Acid Produced
30101302	Absorber Tail Gas (Post-1970 Facilities)	---	---	---	---	0.00E+00	420	5.70E+01	1365	0.00E+00	534	---	---	---	---	Lb/Tons Pure Acid Produced
30101303	Nitric Acid Concentrators (Pre-1970)	---	---	---	---	0.00E+00	420	1.00E+01	252	0.00E+00	534	---	---	---	---	Lb/Tons Pure Acid Produced
30101304	Nitric Acid Concentrators (Post-1970)	---	---	---	---	0.00E+00	420	1.00E+01	252	0.00E+00	534	---	---	---	---	Lb/Tons Pure Acid Produced
<b><u>3-01-014 Paint Manufacture</u></b>																
30101401	General Mixing and Handling	2.00E+01	1345	---	---	0.00E+00	534	0.00E+00	534	3.00E+01	1345	0.00E+00	534	---	---	Lb/Tons Paint Produced
30101402	Pigment Handling	2.00E+01	252	1.70E+01	552	0.00E+00	534	0.00E+00	534	0.00E+00	534	0.00E+00	534	---	---	Lb/Tons Pigment Processed
<b><u>3-01-015 Varnish Manufacturing</u></b>																
30101501	Bodying Oil	---	---	---	---	0.00E+00	260	0.00E+00	260	4.00E+01	1345	---	---	---	---	Lb/Tons Produced
30101502	Oleoresinous	---	---	---	---	0.00E+00	260	0.00E+00	260	1.50E+02	1345	---	---	---	---	Lb/Tons Produced
30101503	Alkyd	---	---	---	---	0.00E+00	260	0.00E+00	260	1.60E+02	1345	---	---	---	---	Lb/Tons Produced
30101505	Acrylic	---	---	---	---	0.00E+00	260	0.00E+00	260	2.00E+01	1345	---	---	---	---	Lb/Tons Produced
<b><u>3-01-016 Phosphoric Acid: Wet Process</u></b>																
30101601	Reactor	---	---	---	---	0.00E+00	516	0.00E+00	516	0.00E+00	516	---	---	---	---	Lb/Tons Phosphate Rock
30101602	Gypsum Pond	---	---	---	---	0.00E+00	405	---	---	0.00E+00	405	---	---	---	---	Lb/Tons Phosphate Rock
30101603	Condenser	---	---	---	---	0.00E+00	405	---	---	0.00E+00	405	---	---	---	---	Lb/Tons Phosphate Rock
<b><u>3-01-017 Phosphoric Acid: Thermal Process</u></b>																
30101702	Absorber: General	---	---	---	---	0.00E+00	398	---	---	---	---	---	---	---	---	Lb/Tons Phosphorous Burned
30101703	Absorber with Packed Tower	2.14E+00	252	2.14E+00	253	0.00E+00	398	---	---	---	---	---	---	---	---	Lb/Tons of P2O5
30101704	Absorber with Venturi Scrubber	2.53E+00	252	2.53E+00	253	0.00E+00	398	---	---	---	---	---	---	---	---	Lb/Tons of P2O5
30101705	Absorber with Glass Mist Eliminator	6.90E-01	252	6.90E-01	253	0.00E+00	398	---	---	---	---	---	---	---	---	Lb/Tons of P2O5
30101706	Absorber with Wire Mist Eliminator	5.46E+00	252	5.46E+00	253	0.00E+00	398	---	---	---	---	---	---	---	---	Lb/Tons of P2O5
30101707	Absorber with High-pressure Mist Eliminator	1.10E-01	252	1.10E-01	253	0.00E+00	398	---	---	---	---	---	---	---	---	Lb/Tons of P2O5
30101708	Absorber with ESP	1.66E+00	252	1.66E+00	253	0.00E+00	398	---	---	---	---	---	---	---	---	Lb/Tons of P2O5

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>3-01-018 Plastics Production</b>																
30101801	Polyvinyl Chlorides and Copolymers ** (Use 6-46-3X0-XX)	3.50E+01	252	2.30E+01	251	2.50E-02	335	2.00E+02	518	1.70E+01	252	---	---	---	---	Lb/Tons Product
30101802	Polypropylene and Copolymers	3.00E+00	1350	2.00E+00	255	---	---	1.31E+02	394	7.00E-01	252	---	---	---	---	Lb/Tons Product
30101807	General: Polyethylene (High Density)	---	---	6.60E-01	505	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30101808	Monomer and Solvent Storage	---	---	---	---	0.00E+00	260	0.00E+00	260	---	---	---	---	---	---	Lb/Tons Product
30101809	Extruder	---	---	---	---	0.00E+00	260	0.00E+00	260	1.10E+01	301	---	---	---	---	Lb/Tons Product
30101810	Conveying	---	---	---	---	0.00E+00	260	0.00E+00	260	4.60E-01	304	---	---	---	---	Lb/Tons Product
30101811	Storage	---	---	---	---	0.00E+00	260	0.00E+00	260	1.00E-02	505	---	---	---	---	Lb/Tons Product
30101812	General: Polyethylene (Low Density)	---	---	6.60E-01	506	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30101813	Recovery and Purification System	---	---	---	---	0.00E+00	260	0.00E+00	260	---	---	---	---	---	---	Lb/Tons Product
30101814	Extruder	---	---	---	---	0.00E+00	260	0.00E+00	260	6.60E+01	408	---	---	---	---	Lb/Tons Product
30101815	Pellet Silo	---	---	---	---	0.00E+00	260	0.00E+00	260	0.00E+00	499	---	---	---	---	Lb/Tons Product
30101816	Transferring/Handling/Loading/Packing	---	---	---	---	0.00E+00	260	0.00E+00	260	0.00E+00	499	---	---	---	---	Lb/Tons Product
30101817	General	---	---	---	---	---	---	---	---	4.20E-01	1349	---	---	---	---	Lb/Tons Product
30101818	Reactor	---	---	---	---	---	---	---	---	0.00E+00	506	---	---	---	---	Lb/Tons Product
30101819	Solvent Recovery	---	---	---	---	0.00E+00	260	0.00E+00	260	3.20E+00	506	---	---	---	---	Lb/Tons Product
30101820	Polymer Drying	---	---	---	---	---	---	---	---	0.00E+00	510	---	---	---	---	Lb/Tons Product
30101821	Extruding/Pelletizing/Conveying/Storage	---	---	---	---	0.00E+00	260	0.00E+00	260	3.00E-01	509	---	---	---	---	Lb/Tons Product
30101827	Polyamide Resins	---	---	---	---	---	---	1.00E+00	518	---	---	---	---	---	---	Lb/Tons Product
30101832	Urea-Formaldehyde Resins	---	---	---	---	---	---	---	---	1.47E+01	517	---	---	---	---	Lb/Tons Product
30101838	Reactor Kettle ** (Use 6-45-200-11 or 6-45-210-11)	---	---	---	---	0.00E+00	517	0.00E+00	517	---	---	0.00E+00	517	---	---	Lb/Tons of Polyester/Alkyd Resin Produced
30101839	Resin Thinning Tank ** (Use 6-45-200-21 or 6-45-210-21)	0.00E+00	517	0.00E+00	471	0.00E+00	517	0.00E+00	517	---	---	0.00E+00	517	---	---	Lb/Tons Thinning Solvent Used
30101840	Resin Storage Tank ** (Use 6-45-200-23 or 6-45-210-23)	0.00E+00	517	0.00E+00	471	0.00E+00	517	0.00E+00	517	---	---	0.00E+00	517	---	---	Lb/1000 Gallons Thinned-Resin Stored
30101842	Melamine Resins	---	---	---	---	---	---	---	---	5.00E+01	502	---	---	---	---	Lb/Tons Product
30101847	Epoxy Resins	---	---	---	---	---	---	---	---	5.10E+00	517	---	---	---	---	Lb/Tons Product
30101849	Acrylonitrile-Butadiene-Styrene (ABS) Resin	---	---	---	---	---	---	---	---	6.00E+01	503	---	---	---	---	Lb/Tons Produced
30101863	Extruder	---	---	---	---	0.00E+00	499	0.00E+00	499	0.00E+00	499	---	---	---	---	Lb/Tons Product
30101864	Pellet Silo/Storage	---	---	---	---	0.00E+00	499	0.00E+00	499	0.00E+00	499	---	---	---	---	Lb/Tons Product
30101865	Transferring/Conveying	---	---	---	---	0.00E+00	499	0.00E+00	499	0.00E+00	499	---	---	---	---	Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-018 Plastics Production</u></b>																
30101866	Packing/Shipping	---		---		0.00E+00	499	0.00E+00	499	0.00E+00	499	---		---		Lb/Tons Product
30101870	Reactor (Polyether Resins)	---		---		---		---		5.00E+01	300	---		---		Lb/Tons Product
30101871	Blowing Agent: Freon (Polyether Resins)	---		---		---		---		0.00E+00	421	---		---		Lb/Tons Product
30101880	Reactor (Polyurethane)	---		---		---		---		5.20E+01	196	---		---		Lb/Tons Product
30101881	Blowing Agent: Freon (Polyurethane)	---		---		---		---		0.00E+00	421	---		---		Lb/Tons Agent Used
30101882	Blowing Agent: Methylene Chloride (Polyurethane)	---		---		---		---		0.00E+00	421	---		---		Lb/Tons Agent Used
30101883	Transferring/Conveying/Storage (Polyurethane)	---		---		0.00E+00	260	0.00E+00	260	0.00E+00	499	---		---		Lb/Tons Product
30101884	Packing/Shipping (Polyurethane)	---		---		0.00E+00	260	0.00E+00	260	0.00E+00	499	---		---		Lb/Tons Product
30101892	Separation Processes	---		---		---		---		2.00E+00	500	---		---		Lb/Tons Product
30101893	Raw Material Storage	---		---		0.00E+00	260	0.00E+00	260	---		---		---		Lb/Tons Raw Material
30101894	Solvent Storage	---		---		0.00E+00	260	0.00E+00	260	---		---		---		Lb/Tons Solvent
30101899	Others Not Specified	8.00E-01	1148	---		---		---		3.17E+00	1148	---		---		Lb/Tons Product
<b><u>3-01-019 Phthalic Anhydride</u></b>																
30101901	o-Xylene Oxidation: Main Process Stream	1.38E+02	1346	1.30E+02	552	9.40E+01	1346	---		0.00E+00	252	3.01E+02	1346	---		Lb/Tons Produced
30101902	o-Xylene Oxidation: Pre-Treatment	1.30E+01	1346	1.22E+01	552	0.00E+00	252	---		0.00E+00	252	0.00E+00	252	---		Lb/Tons Produced
30101904	o-Xylene Oxidation: Distillation	8.90E+01	1346	8.37E+01	552	0.00E+00	252	---		2.40E+00	1346	0.00E+00	252	---		Lb/Tons Produced
30101905	Naphthalene Oxidation: Main Process Stream	5.60E+01	1346	5.26E+01	552	0.00E+00	252	---		0.00E+00	252	1.00E+02	1346	---		Lb/Tons Produced
30101906	Naphthalene Oxidation: Pre-Treatment	5.00E+00	1346	4.70E+00	552	0.00E+00	252	---		0.00E+00	252	0.00E+00	252	---		Lb/Tons Produced
30101907	Naphthalene Oxidation: Distillation	3.80E+01	1346	---		0.00E+00	252	---		1.00E+01	1346	0.00E+00	252	---		Lb/Tons Produced
<b><u>3-01-020 Printing Ink Manufacture</u></b>																
30102001	Vehicle Cooking: General	---		0.00E+00	471	---		---		1.20E+02	252	---		---		Lb/Tons Produced
30102002	Vehicle Cooking: Oils	---		0.00E+00	471	---		---		4.00E+01	252	---		---		Lb/Tons Produced
30102003	Vehicle Cooking: Oleoresin	---		0.00E+00	471	---		---		1.50E+02	252	---		---		Lb/Tons Produced
30102004	Vehicle Cooking: Alkyds	---		0.00E+00	471	---		---		1.60E+02	252	---		---		Lb/Tons Produced
30102005	Pigment Mixing	2.00E+00	252	1.70E+00	607	---		---		6.20E+00	199	---		---		Lb/Tons Pigment
<b><u>3-01-021 Sodium Carbonate</u></b>																
30102101	Solvay Process: NH3 Recovery	---		---		---		---		0.00E+00	430	---		---		Lb/Tons Produced
30102102	Solvay Process: Handling	5.00E+01	252	1.05E+01	252	---		---		0.00E+00	430	---		---		Lb/Tons Produced
30102103	Trona Crushing/Screening	---		---		0.00E+00	255	0.00E+00	255	0.00E+00	255	---		---		Lb/Tons of Ore Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-021 Sodium Carbonate</u></b>																
30102104	Monohydrate Process: Rotary Ore Calciner: Gas-fired	1.80E+02	* 1369	2.47E+01	552	0.00E+00	255	---	---	---	---	---	---	---	---	Lb/Tons of Ore Processed
		lb/ton product														
30102105	Monohydrate Process: Rotary Ore Calciner: Coal-fired	1.80E+02	* 1369	3.71E+01	252	1.00E-02	255	1.40E+00	255	---	---	---	---	---	---	Lb/Tons of Ore Processed
		lb/ton product														
30102106	Rotary Soda Ash Dryers	5.00E+01	1369	1.76E+01	252	0.00E+00	255	---	---	---	---	---	---	---	---	Lb/Tons Product
30102107	Fluid-bed Soda Ash Dryers/Coolers	3.00E+00	1369	1.90E+01	552	0.00E+00	255	0.00E+00	255	0.00E+00	255	---	---	---	---	Lb/Tons Product
30102108	Dissolver	---	---	---	---	0.00E+00	255	0.00E+00	255	0.00E+00	255	---	---	---	---	Lb/Tons Product
30102112	Rotary Pre-dryer	3.10E+00	252	5.20E+00	552	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Dry NaHCO3 Feed
30102113	Bleacher: Gas-fired	3.11E+02	252	7.80E+00	552	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Dry Feed
30102114	Rotary Dryer: Steam Tube	6.70E+01	252	1.40E+01	552	0.00E+00	255	0.00E+00	255	0.00E+00	255	---	---	---	---	Lb/Tons Produced
30102121	Ore Crushing and Screening	3.50E+00	* 1369	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Ore Processed
		lb/ton product														
30102122	Soda Ash Storage: Loading and Unloading	5.20E+00	* 1369	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Processed
		lb/ton product														
30102123	Ore Mining	3.30E+00	1369	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30102124	Ore Transfer	2.00E-01	1369	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30102125	Sesquicarbonate Process: Rotary Calciner	7.20E+01	1369	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30102126	Sesquicarbonate Process: Fluid-bed Calciner	4.30E+00	1369	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30102127	Soda Ash Screening	1.90E+01	1369	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
<b><u>3-01-023 Sulfuric Acid (Contact Process)</u></b>																
30102301	Absorber/@ 99.9% Conversion	---	---	---	---	1.40E+00	538	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102304	Absorber/@ 99.5% Conversion	---	---	---	---	7.00E+00	252	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102306	Absorber/@ 99.0% Conversion	---	---	---	---	1.40E+01	252	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102308	Absorber/@ 98.0% Conversion	---	---	---	---	2.70E+01	252	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102310	Absorber/@ 97.0% Conversion	---	---	---	---	4.00E+01	252	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102312	Absorber/@ 96.0% Conversion	---	---	---	---	5.50E+01	252	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102314	Absorber/@ 95.0% Conversion	---	---	---	---	7.00E+01	252	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102316	Absorber/@ 94.0% Conversion	---	---	---	---	8.20E+01	252	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102318	Absorber/@ 93.0% Conversion	---	---	---	---	9.60E+01	252	4.00E-03	449	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4
30102319	Concentrator	---	---	---	---	---	---	---	---	0.00E+00	534	---	---	---	---	Lb/Tons 100% H2SO4

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-023 Sulfuric Acid (Contact Process)</u></b>																
30102320	Tank Car and Truck Unloading	---		---		1.00E-01	445	---		0.00E+00	514	---		---		Lb/Tons 100% H2SO4 Loaded
30102321	Storage Tank Vent	---		---		1.00E-01	257	---		0.00E+00	514	---		---		Lb/Tons 100% H2SO4 Stored
30102322	Process Equipment Leaks	---		---		---		---		0.00E+00	514	---		---		Lb/Tons 100% H2SO4
<b><u>3-01-024 Synthetic Organic Fiber Manufacturing</u></b>																
30102401	Nylon #6: Staple (Uncontrolled)	---		1.00E-02	608	0.00E+00	499	0.00E+00	499	4.30E+00	539	---		---		Lb/Tons Fiber
30102402	Polyesters: Staple	6.00E-02	1352	3.33E+01	609	---		---		1.20E+00	1352	---		---		Lb/Tons Fiber
30102410	Acrylic: Uncontrolled	0.00E+00		---		---		---		8.00E+01	1352	---		---		Lb/Tons Product
30102414	Polyolefin: Melt Spun	---		1.00E-02	611	---		---		7.42E+01	495	---		---		Lb/Tons Product
30102416	Aramid	---		---		---		---		4.30E+00	540	---		---		Lb/Tons Product
30102421	Dope Preparation (Use 6-49-300-11 or 6-49-310-11 for Spandex)	---		---		---		0.00E+00	499	---		---		---		Lb/Tons Product
30102422	Filtration (Use 6-49-300-12 or 6-49-310-12 for Spandex)	---		---		---		0.00E+00	499	---		---		---		Lb/Tons Product
30102423	Fiber Extrusion (Use 6-49-300-21 or 6-49-310-21 for Spandex)	---		---		---		0.00E+00	499	---		---		---		Lb/Tons Product
30102424	Washing/Drying/Finishing (Use 6-49-300-30 or 6-49-310-30 for Spandex)	---		---		---		0.00E+00	499	---		---		---		Lb/Tons Product
30102425	Fiber Storage (Use 6-49-300-45 or 6-49-310-45 for Spandex)	---		---		0.00E+00	499	0.00E+00	499	---		---		---		Lb/Tons Product
30102426	Equipment Cleanup (Use 6-49-300-50 or 6-49-310-50 for Spandex)	---		---		0.00E+00	499	0.00E+00	499	---		---		---		Lb/Tons Product
30102427	Solvent Storage (Use 4-07-004-01 thru 4-07-999-98 for Spandex)	---		---		0.00E+00	499	0.00E+00	499	---		---		---		Lb/Tons Solvent
30102499	Other Not Classified	2.00E-02	1352	---		---		---		9.00E-01	1352	---		---		Lb/Tons Produced
<b><u>3-01-025 Cellulosic Fiber Production</u></b>																
30102501	Viscose (e.g., Rayon) ** (Use 6-49-200-XX)	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Fiber
30102505	Cellulose Acetate: Filer Tow	---		---		---		---		2.90E+02	453	---		---		Lb/Tons Produced
<b><u>3-01-026 Synthetic Rubber (Manufacturing Only)</u></b>																
30102601	General	---		---		---		---		5.20E+00	1353	---		---		Lb/Tons Product
30102609	Dryers	---		---		---		---		5.02E+00	1353	---		---		Lb/Tons Product
30102613	Monomer Recovery: Absorber Vent	---		---		---		---		5.20E-01	541	---		---		Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-026 Synthetic Rubber (Manufacturing Only)</u></b>																
30102614	Blending Tanks	---		---		---		---		8.40E-01	135	---		---		Lb/Tons Product
30102616	Latex: Monomer Removal	---		---		---		---		1.69E+01	252	---		---		Lb/Tons Product
30102617	Latex: Blending Tank	---		---		---		---		2.00E-01	135	---		---		Lb/Tons Product
<b><u>3-01-027 Ammonium Nitrate Production</u></b>																
30102704	Neutralizer	4.25E+00	138	4.35E+00	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102705	Granulator **	4.00E-01		---		---		---		---		---		---		Lb/Tons Produced
30102706	Dryers and Coolers **	7.00E+00		---		---		---		---		---		---		Lb/Tons Produced
30102707	Rotary Drum Granulator	3.92E+02	138	5.80E+00	552	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102708	Pan Granulator	2.68E+00	138	5.00E-02	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102709	Bulk Loading (General)	2.00E-02	138	2.00E-02	614	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102710	Bagging of Product	1.90E-01		1.60E-01	615	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102711	Neutralizer: High Density	4.35E+00	545	4.35E+00	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102712	Prilling Tower: High Density	3.18E+00	138	3.00E+00	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102713	High Density Dryers and Coolers (scb**)	1.00E-01		---		---		---		---		---		---		Lb/Tons Produced
30102714	Prilling Cooler: High Density	1.60E+00	138	1.00E-02	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102717	Evaporator/Concentrator: High Density	5.20E-01	138	4.90E-01	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102718	Coating: High Density	4.00E+00	138	3.40E+00	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102720	Solids Screening	---		---		---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102721	Neutralizer: Low Density	4.35E+00	545	4.35E+00	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102722	Prilling Tower: Low Density	9.20E-01	138	8.00E-01	552	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102723	Low Density Dryers and Coolers (scb**)	8.00E-02		---		---		---		---		---		---		Lb/Tons Produced
30102724	Prilling Cooler: Low Density	5.16E+01	138	2.00E-01	552	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102725	Prilling Dryer: Low Density	1.14E+00	138	2.00E-01	552	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102727	Evaporator/Concentrator: Low Density	5.20E-01	544	4.90E-01	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102728	Coating: Low Density	4.00E+00	546	3.40E+00	251	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102729	Rotary Drum Granulator Coolers	1.62E+01	138	5.00E-01	552	---		---		0.00E+00	401	---		---		Lb/Tons Produced
30102730	Pan Granulator Coolers	3.66E+01	138	5.00E-01	552	---		---		0.00E+00	401	---		---		Lb/Tons Produced
<b><u>3-01-028 Normal Superphosphates</u></b>																
30102801	Grinding/Drying	---		4.60E+00	552	---		---		---		---		---		Lb/Tons Produced
30102803	Rock Unloading	5.60E-01	252	2.90E-01	552	---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-028 Normal Superphosphates</u></b>																
30102804	Rock Feeder System	1.10E-01	252	6.00E-02	552	---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102805	Mixer/Den	5.20E-01	252	2.70E-01	552	---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102806	Curing/Building	7.20E+00	1360	6.10E+00	1360	---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102807	Bagging/Handling	---		---		---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102821	Den	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Produced
30102822	Curing	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Produced
30102823	Ammoniator/Granulator	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
30102824	Dryer	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
30102825	Cooler	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
<b><u>3-01-029 Triple Superphosphate</u></b>																
30102903	Rock Unloading	1.40E-01	252	7.00E-02	552	---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102904	Rock Feeder System	3.00E-02	252	2.00E-02	552	---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102905	Run of Pile: Mixer/Den/Curing	3.00E-02	252	2.00E-02	552	---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102906	Granulator: Reactor/Dryer	1.00E-01	252	5.00E-02	552	---		---		0.00E+00	259	---		---		Lb/Tons P2O5 Produced
30102907	Granulator: Curing	2.00E-01	252	1.00E-01	552	---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102908	Bagging/Handling	---		---		---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30102920	Mixing	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Produced
30102921	Den	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Produced
30102922	Curing	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Produced
30102923	Ammoniator/Granulator	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
30102924	Dryer	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
30102925	Cooler	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
<b><u>3-01-030 Ammonium Phosphates</u></b>																
30103001	Dryers and Coolers	1.50E+00	252	1.30E+00	552	3.10E+00	256	1.70E+00	256	3.00E-02	256	---		---		Lb/Tons P2O5 Produced
30103002	Ammoniator/Granulator	1.52E+00	252	1.30E+00	552	3.00E-01	252	0.00E+00	259	0.00E+00	259	---		---		Lb/Tons P2O5 Produced
30103003	Screening/Transfer	6.00E-02	252	---		---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30103004	Bagging/Handling	---		---		---		0.00E+00	534	0.00E+00	259	0.00E+00	534	---		Lb/Tons P2O5 Produced
30103020	Mixing	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Produced
30103021	Den	---		---		---		0.00E+00	260	0.00E+00	259	---		---		Lb/Tons Fertilizer Produced
30103022	Curing	---		---		---		---		0.00E+00	259	---		---		Lb/Tons Fertilizer Produced



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-030 Ammonium Phosphates</u></b>																
30103023	Ammoniator/Granulator	---		---		0.00E+00	261	0.00E+00	261	0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
30103024	Dryer	---		---		0.00E+00	261	0.00E+00	261	0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
30103025	Cooler	---		---		0.00E+00	261	0.00E+00	261	0.00E+00	259	---		---		Lb/Tons Fertilizer Granulated
<b><u>3-01-031 Terephthalic Acid/Dimethyl Terephthalate</u></b>																
30103101	HNO3 - Para-xylene: General	---		---		0.00E+00	534	---		---		---		---		Lb/Tons Produced
30103102	Reactor Vent	---		---		0.00E+00	534	---		3.00E+01	1354	3.40E+01	1354	---		Lb/Tons Produced
30103103	Crystallization, Separation, and Drying Vent	---		---		0.00E+00	534	---		3.80E+00	1354	---		---		Lb/Tons Produced
30103104	Distillation and Recovery Vent	---		---		0.00E+00	534	---		2.20E+00	1354	---		---		Lb/Tons Produced
30103105	Product Transfer Vent	---		---		0.00E+00	534	---		3.60E+00	1354	4.00E+00	1354	---		Lb/Tons Produced
30103180	Fugitive Emissions	---		---		---		---		2.94E+05	262	---		---		Lb/Process Unit-Year
<b><u>3-01-032 Elemental Sulfur Production</u></b>																
30103201	Mod. Claus: 2 Stage w/o Control (92-95% Removal)	---		---		2.80E+02	542	3.50E-01	261	3.00E+00	264	---		---		Lb/Tons 100% Sulfur
30103202	Mod. Claus: 3 Stage w/o Control (95-96% Removal)	---		---		1.89E+02	542	1.00E-01	265	9.10E+00	266	---		---		Lb/Tons 100% Sulfur
30103203	Mod. Claus: 4 Stage w/o Control (96-97% Removal)	---		---		1.45E+02	542	1.00E-01	511	---		---		---		Lb/Tons 100% Sulfur
30103204	Sulfur Removal Process (99.9% Removal)	---		---		---		1.00E-01	265	5.00E-02	267	---		---		Lb/Tons 100% Sulfur
<b><u>3-01-033 Pesticides</u></b>																
30103301	Malathion	---		---		---		---		1.00E-02	451	---		---		Lb/Gallons of Product
<b><u>3-01-034 Aniline/Ethanolamines</u></b>																
30103402	General: Aniline	---		---		---		---		2.00E-01	268	---		---		Lb/Tons Produced
<b><u>3-01-035 Inorganic Pigments</u></b>																
30103501	TiO2 Sulfate Process: Calciner	---		2.76E+01	253	---		---		0.00E+00	404	---		---		Lb/Tons Produced
30103502	TiO2 Sulfate Process: Digester	---		---		3.60E+00	410	---		0.00E+00	404	---		---		Lb/Tons Produced
30103503	TiO2 Chloride Process: Reactor	---		---		---		---		0.00E+00	404	---		---		Lb/Tons Produced
30103506	Lead Oxide: Barton Pot	2.10E-01	1401	6.40E-01	542	---		---		0.00E+00	404	---	4.40E-01	1401		Lb/Tons Produced
30103507	Lead Oxide: Calciner	1.42E+01	1401	1.50E+01	253	---		---		0.00E+00	404	---	1.40E+01	1401		Lb/Tons Produced
30103510	Red Lead	1.00E+00	1401	1.00E+00	253	---		---		0.00E+00	404	---	9.00E-01	1401		Lb/Tons Produced
30103515	White Lead	---		6.90E-01	253	---		---		0.00E+00	404	---	5.50E-01	1401		Lb/Tons Produced
30103520	Lead Chromate	---		2.00E-01	616	---		---		0.00E+00	404	---	1.30E-01	1401		Lb/Tons Produced
30103550	Ore Grinding	---		---		0.00E+00	499	0.00E+00	499	0.00E+00	499	0.00E+00	499	---		Lb/Tons Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-035 Inorganic Pigments</u></b>																
30103551	Ore Dryer	---		6.90E+00	251	---		---		---		---		---		Lb/Tons Produced
30103552	Pigment Milling	---		---		0.00E+00	499	0.00E+00	499	0.00E+00	499	0.00E+00	499	---		Lb/Tons Produced
30103554	Conveying/Storage/Packing	---		---		0.00E+00	499	0.00E+00	499	0.00E+00	499	0.00E+00	499	---		Lb/Tons Produced
<b><u>3-01-039 Hydrogen Cyanide</u></b>																
30103901	Air Heater: General	0.00E+00	486	0.00E+00	486	0.00E+00	486	---		1.40E+01	547	0.00E+00	486	---		Lb/Tons Product
30103902	Ammonia Absorber	0.00E+00	486	0.00E+00	471	0.00E+00	486	---		0.00E+00	499	0.00E+00	486	---		Lb/Tons Product
30103903	HCN Absorber	0.00E+00	486	0.00E+00	471	0.00E+00	486	---		0.00E+00	557	0.00E+00	486	---		Lb/Tons Product
<b><u>3-01-040 Urea Production</u></b>																
30104002	Solution Concentration (Controlled)	2.10E-02	1357	1.10E-02	251	---		---		0.00E+00	269	---		---		Lb/Tons Produced
30104003	Prilling	3.80E+00	252	3.57E+00	251	---		---		---		---		---		Lb/Tons Produced
30104004	Drum Granulation	2.41E+02	1357	4.82E+00	253	---		---		9.00E-03	269	---		---		Lb/Tons Produced
30104005	Coating	4.00E+00		3.40E+00	253	---		---		---		---		---		Lb/Tons Produced
30104006	Bagging	1.90E-01	1357	1.60E-01	617	---		---		---		---		---		Lb/Tons Produced
30104007	Bulk Loading	2.00E-02		1.70E-02	618	---		---		---		---		---		Lb/Tons Produced
30104008	Non-fluidized Bed Prilling (Agricultural Grade)	3.80E+00	1357	---		---		---		---		---		---		Lb/Tons Produced
30104009	Non-fluidized Bed Prilling (Feed Grade)	3.60E+00	1357	---		---		---		---		---		---		Lb/Tons Produced
30104010	Fluidized Bed Prilling (Agricultural Grade)	6.20E+00	1357	---		---		---		2.00E-02	269	---		---		Lb/Tons Produced
30104011	Fluidized Bed Prilling (Feed Grade)	3.60E+00	1357	---		---		---		4.00E-03	269	---		---		Lb/Tons Produced
30104012	Rotary Drum Cooler	7.78E+00	1357	---		---		---		---		---		---		Lb/Tons Produced
<b><u>3-01-042 Lead Alkyl Manufacturing (Sodium/Lead Alloy Process)</u></b>																
30104201	Recovery Furnace	5.93E+01	548	5.93E+01	251	0.00E+00	454	2.67E+00	454	0.00E+00	454	---		5.50E+01	252	Lb/Tons Produced
30104202	Process Vents: Tetraethyl Lead	---		---		---		---		---		---		4.00E+00	252	Lb/Tons Produced
30104203	Process Vents: Tetramethyl Lead	---		---		---		---		---		---		1.50E+02	252	Lb/Tons Produced
30104204	Sludge Pits	---		1.90E+00	619	---		---		---		---		1.20E+00	1355	Lb/Tons Produced
<b><u>3-01-043 Lead Alkyl Manufacturing (Electrolytic Process)</u></b>																
30104301	General	---		---		---		---		---		---		1.00E+00	252	Lb/Tons Produced
<b><u>3-01-045 Organic Fertilizer</u></b>																
30104501	General: Mixing/Handling	---		---		0.00E+00	334	0.00E+00	334	0.00E+00	334	---		---		Lb/Tons Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-070 Inorganic Chemical Manufacturing (General)</u></b>																
30107001	Fugitive Leaks	---		---		---		---		0.00E+00	399	---		---		Lb/Tons Product
<b><u>3-01-091 Acetone/Ketone Production</u></b>																
30109105	Methyl Ethyl Ketone	---		---		---		---		2.40E+00	455	---		---		Lb/Tons Produced
30109151	Acetone: Cumene Oxidation	---		---		---		0.00E+00	105	---		---		---		Lb/Tons Product
30109153	Acetone: Light-ends Distillation Vent	---		---		---		0.00E+00	105	---		---		---		Lb/Tons Product
30109154	Acetone: Finishing Column	---		---		---		0.00E+00	305	---		---		---		Lb/Tons Product
30109180	Acetone: Fugitive Emissions	---		---		---		---		4.52E+05	417	---		---		Lb/Process Unit-Year
<b><u>3-01-100 Maleic Anhydride</u></b>																
30110002	Product Recovery Absorber	---		---		---		---		1.74E+02	252	---		---		Lb/Tons Produced
30110003	Vacuum System Vent	---		---		0.00E+00	270	0.00E+00	270	2.00E-01	270	---		---		Lb/Tons Produced
30110004	Briquetting	---		---		---		---		2.50E+00	110	---		---		Lb/Tons Produced
30110005	Secondary Sources: Dehydration Column, Vacuum System	---		---		0.00E+00	270	0.00E+00	270	2.00E-01	270	---		---		Lb/Tons Produced
30110080	Fugitive Emissions	---		---		---		---		6.23E+04	270	---		---		Lb/Process Unit-Year
<b><u>3-01-111 Asbestos Chemical</u></b>																
30111103	Brake Line/Grinding **	---		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		Lb/Tons Product
<b><u>3-01-112 Elemental Phosphorous</u></b>																
30111201	Calciner	---		---		---		---		0.00E+00	271	---		---		Lb/Tons Processed
30111202	Furnace	---		---		---		---		0.00E+00	271	---		---		Lb/Tons Processed
<b><u>3-01-113 Boric Acid</u></b>																
30111301	Dryer	---		5.80E-01	252	---		---		---		---		---		Lb/Tons Dried
<b><u>3-01-114 Potassium Chloride</u></b>																
30111401	Dryer	---		2.68E+00	252	---		---		---		---		---		Lb/Tons Product
<b><u>3-01-120 Formaldehyde, Acrolein, Acetaldehyde, Butyraldehyde</u></b>																
30112001	Formaldehyde: Silver Catalyst	0.00E+00	465	0.00E+00	471	0.00E+00	465	0.00E+00	463	1.30E+01	272	3.60E+01	465	---		Lb/Tons Produced
30112002	Formaldehyde: Mixed Oxide Catalyst	---		---		---		---		1.60E+01	272	---		---		Lb/Tons Produced
30112007	Formaldehyde: Fugitive Emissions	---		---		---		---		3.57E+04	355	---		---		Lb/Process Unit-Year
30112011	Acetaldehyde from Ethylene	---		0.00E+00	471	0.00E+00	462	0.00E+00	462	2.80E+00	272	0.00E+00	462	---		Lb/Tons Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-120 Formaldehyde, Acrolein, Acetaldehyde, Butyraldehyde</u></b>																
30112012	Acetaldehyde from Ethanol	---		0.00E+00	471	0.00E+00	464	0.00E+00	464	4.00E-02	272	5.50E+00	464	---		Lb/Tons Produced
30112013	Acetaldehyde: Off-air Absorber Vent	---		---		---		---		4.50E+00	271	---		---		Lb/Tons Product
30112014	Acetaldehyde: Off-gas Absorber Vent	---		---		---		---		5.60E+00	271	---		---		Lb/Tons Product
30112017	Acetaldehyde: Fugitive Emissions	---		---		---		---		1.65E+05	555	---		---		Lb/Process Unit-Year
30112031	Acrolein: CO2 Stripping Tower	---		---		---		---		1.20E+02	274	---		---		Lb/Tons Product
30112032	Acrolein: Aqueous Acrolein Receiver	---		---		---		---		6.00E+00	274	---		---		Lb/Tons Product
30112033	Acrolein: Distillation System	---		---		---		---		1.50E+01	274	---		---		Lb/Tons Product
30112034	Acrolein: Refrigeration Unit	---		---		---		---		5.40E+01	274	---		---		Lb/Tons Product
<b><u>3-01-124 Chloroprene</u></b>																
30112401	General	---		---		---		---		1.11E+01	275	---		---		Lb/Tons Product
30112402	Butadiene Dryer	---		---		---		---		2.40E+00	275	---		---		Lb/Tons Product
30112403	Chlorination Reactor	---		---		---		---		4.70E-01	275	---		---		Lb/Tons Product
30112404	Dichlorobutene Still	---		---		---		---		7.80E+00	275	---		---		Lb/Tons Product
30112405	Isomerization and 3,4-DCB Recovery Vent	---		---		---		---		3.00E-01	275	---		---		Lb/Tons Product
30112406	Chloroprene Stripper	---		---		---		---		3.00E-03	275	---		---		Lb/Tons Product
30112407	Brine Stripper	---		---		---		---		3.00E-01	275	---		---		Lb/Tons Product
<b><u>3-01-125 Chlorine Derivatives</u></b>																
30112501	Ethylene Dichloride via Oxychlorination	0.00E+00	485	0.00E+00	470	0.00E+00	485	0.00E+00	485	---		0.00E+00	485	---		Lb/Tons Produced
30112502	Ethylene Dichloride via Direct Chlorination	0.00E+00	476	0.00E+00	471	0.00E+00	476	0.00E+00	476	---		0.00E+00	476	---		Lb/Tons Produced
30112509	Ethylene Dichloride: Fugitive Emissions	---		---		---		---		1.82E+05	535	---		---		Lb/Process Unit-Year
30112510	Chloromethanes: General	---		---		---		---		1.23E+01	477	---		---		Lb/Tons Produced
30112511	Chloromethanes: Recycled Methane Inert-purge	---		---		---		---		4.20E+00	477	---		---		Lb/Tons Product
30112512	Chloromethanes: Drying Bed Regeneration Vent	---		---		---		---		1.00E-01	477	---		---		Lb/Tons Product
30112514	Chloromethanes: Fugitive Emissions	---		---		---		---		4.82E+05	507	---		---		Lb/Process Unit-Year
30112520	Perchloroethylene: General	---		---		---		---		2.70E+00	476	---		---		Lb/Tons Produced
30112521	Perchloroethylene: Distillation Vent	---		---		---		---		8.00E-01	479	---		---		Lb/Tons Product
30112524	Perchloroethylene: Fugitive Emissions	---		---		---		---		3.65E+05	515	---		---		Lb/Process Unit-Year
30112525	Trichloroethane: General	---		---		---		---		5.20E+00	478	---		---		Lb/Tons Produced
30112526	Trichloroethane: HCl Absorber Vent	---		---		---		---		2.00E-01	277	---		---		Lb/Tons Product
30112528	Trichloroethane: Distillation Column Vent	---		---		---		---		3.80E-01	478	---		---		Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-125 Chlorine Derivatives</u></b>																
30112529	Trichloroethane: Fugitive Emissions	---		---		---		---		7.74E+04	515	---		---		Lb/Process Unit-Year
30112530	Trichloroethylene: General	---		---		---		---		1.30E+00	278	---		---		Lb/Tons Produced
30112534	Trichloroethylene: Fugitive Emissions	---		---		---		---		3.65E+05	515	---		---		Lb/Process Unit-Year
30112540	Vinyl Chloride: General	---		---		---		---		6.50E+00	480	---		---		Lb/Tons Produced
30112541	Vinyl Chloride: Cracking Furnace	---		---		---		---		0.00E+00	480	---		---		Lb/Tons Product
30112542	Vinyl Chloride: HCl Recovery	2.00E-01	480	---		---		---		2.00E-01	480	---		---		Lb/Tons Product
30112543	Vinyl Chloride: Light-ends Recovery	---		---		---		---		2.00E+00	480	---		---		Lb/Tons Product
30112544	Dichloroethane: Drying Column	---		---		---		---		1.00E+00	481	---		---		Lb/Tons Product
30112545	Vinyl Chloride Monomer: Drying Column	---		---		---		---		1.00E+00	481	---		---		Lb/Tons Product
30112550	Vinyl Chloride: Fugitive Emissions	---		---		---		---		2.74E+05	515	---		---		Lb/Process Unit-Year
30112552	Vinylidene Chloride: Dehydrochlorination Reactor	---		---		---		---		1.24E+01	279	---		---		Lb/Tons Product
30112553	Vinylidene Chloride: Distillation Column Vent	---		---		---		---		1.40E+00	279	---		---		Lb/Tons Product
30112555	Vinylidene Chloride: Fugitive Emissions	---		---		---		---		1.90E+04	279	---		---		Lb/Process Unit-Year
30112556	Chloromethanes via MH & MCC Processes: Inert-gas Purge Vent	---		---		---		---		3.00E+00	477	---		---		Lb/Tons Product
30112557	Chloromethanes via MH & MCC Processes: Methylene Chloride Condenser	---		---		---		---		4.00E-02	477	---		---		Lb/Tons Product
30112558	Chloromethanes via MH & MCC Processes: Chloroform Condenser	---		---		---		---		1.00E-02	477	---		---		Lb/Tons Product
<b><u>3-01-127 Fluorocarbons/Chlorofluorocarbons</u></b>																
30112701	General	---		---		0.00E+00	482	0.00E+00	482	1.45E+01	483	---		---		Lb/Tons Produced
30112702	Distillation Column	---		---		0.00E+00	482	0.00E+00	482	1.27E+01	483	---		---		Lb/Tons Product
30112703	HCl Recovery Column	---		---		0.00E+00	482	0.00E+00	482	---		---		---		Lb/Tons Product
30112720	Chlorofluorocarbon 12/11	---		---		---		---		6.20E+00	484	---		---		Lb/Tons Produced
30112730	Chlorofluorocarbon 23/22	---		---		---		---		3.80E+01	484	---		---		Lb/Tons Produced
30112740	Chlorofluorocarbon 113/114	---		---		---		---		1.32E+01	484	---		---		Lb/Tons Produced
<b><u>3-01-130 Ammonium Sulfate (Use 3-01-210 for Caprolactum Production)</u></b>																
30113004	Caprolactum By-product: Rotary Dryer	4.60E+01	139	---		---		---		1.48E+00	139	---		---		Lb/Tons Product
30113005	Caprolactum By-product: Fluid Bed Dryer	2.18E+02	139	2.18E+01	251	---		---		1.48E+00	139	---		---		Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-132 Organic Acid Manufacturing</u></b>																
30113201	Acetic Acid via Methanol	0.00E+00	465	0.00E+00	475	0.00E+00	465	6.00E-02	465	4.00E+00	280	---	---	---	---	Lb/Tons Produced
30113205	Acetic Acid via Butane	0.00E+00	466	0.00E+00	471	0.00E+00	466	8.00E-02	466	1.40E+01	272	2.71E+01	466	---	---	Lb/Tons Produced
30113210	Acetic Acid via Acetaldehyde	---	---	---	---	---	---	---	---	2.20E+01	272	---	---	---	---	Lb/Tons Produced
30113221	General: Acrylic Acid	---	---	---	---	---	---	---	---	2.40E+02	272	---	---	---	---	Lb/Tons Product
30113222	Quench Absorber	---	---	---	---	---	---	---	---	2.38E+02	281	---	---	---	---	Lb/Tons Product
30113223	Extraction Column	---	---	---	---	---	---	---	---	2.90E-01	282	---	---	---	---	Lb/Tons Product
30113224	Vacuum System	---	---	---	---	---	---	---	---	7.60E+00	281	---	---	---	---	Lb/Tons Product
<b><u>3-01-133 Acetic Anhydride</u></b>																
30113301	General	---	---	---	---	0.00E+00	468	0.00E+00	468	5.50E+00	470	9.90E+00	468	---	---	Lb/Tons Produced
30113302	Reactor By-product Gas Vent	---	---	---	---	---	---	---	---	9.00E+00	274	1.40E+01	283	---	---	Lb/Tons Product
30113303	Distillation Column Vent	---	---	---	---	---	---	---	---	1.40E+00	283	---	---	---	---	Lb/Tons Product
<b><u>3-01-140 Acetylene Production</u></b>																
30114001	Raw Material Handling	---	---	---	---	---	---	---	---	0.00E+00	456	---	---	---	---	Lb/Tons Throughput
30114002	Grinding/Milling	---	---	---	---	---	---	---	---	0.00E+00	456	---	---	---	---	Lb/Tons Throughput
30114003	Mixing	---	---	---	---	---	---	---	---	0.00E+00	456	---	---	---	---	Lb/Tons Throughput
30114004	Waste Handling	---	---	---	---	---	---	1.35E+01	458	9.30E+00	457	---	---	---	---	Lb/Tons Throughput
<b><u>3-01-153 Butadiene</u></b>																
30115310	Houdry Process: Total	---	---	---	---	---	---	---	---	2.30E+01	264	---	---	---	---	Lb/Tons Product
30115311	Houdry Process: Flue Gas Vent	---	---	---	---	---	---	---	---	1.00E-01	264	---	---	---	---	Lb/Tons Product
30115312	Houdry Process: Dehydrogenation Reactor	---	---	---	---	---	---	---	---	6.60E+00	264	---	---	---	---	Lb/Tons Product
30115320	n-Butene Process: Total	---	---	---	---	---	---	---	---	2.32E+01	285	---	---	---	---	Lb/Tons Product
30115321	n-Butene Process: Flue Gas Vent	---	---	---	---	---	---	---	---	1.00E-01	285	---	---	---	---	Lb/Tons Product
30115322	n-Butene Process: Hydrocarbon Absorber Column	---	---	---	---	---	---	---	---	1.00E+01	285	---	---	---	---	Lb/Tons Product
<b><u>3-01-156 Cumene</u></b>																
30115601	General	---	---	---	---	---	---	---	---	1.10E+00	286	---	---	---	---	Lb/Tons Produced
30115602	Aluminum Chloride Catalyst Process: Benzene Drying Column	---	---	---	---	---	---	---	---	4.00E-02	287	---	---	---	---	Lb/Tons Product
30115603	Aluminum Chloride Catalyst Process: Catalyst Mix Tank Scrubber Vent	---	---	---	---	---	---	---	---	3.00E-01	287	---	---	---	---	Lb/Tons Product
30115604	Aluminum Chloride Catalyst Process: Wash-Decant System Vent	---	---	---	---	---	---	---	---	2.00E-02	287	---	---	---	---	Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-156 Cumene</u></b>																
30115605	Aluminum Chloride Catalyst Process: Benzene Recovery	---		---		---		---		3.00E-02	287	---		---		Lb/Tons Product
30115606	Aluminum Chloride Catalyst Process: Cumene Distillation Vent	---		---		---		---		6.00E-02	287	---		---		Lb/Tons Product
30115607	Aluminum Chloride Catalyst Process: DIPB Stripping Vent	---		---		---		---		2.00E-03	287	---		---		Lb/Tons Product
30115609	Solid Phosphoric Acid Catalyst Process: Cumene Distillation Sys. Vent	---		---		---		---		6.00E-02	286	---		---		Lb/Tons Product
30115680	Fugitive Emissions	---		---		---		---		1.49E+05	535	---		---		Lb/Process Unit-Year
<b><u>3-01-157 Cyclohexane</u></b>																
30115702	Blowdown Tank Discharge	---		---		---		---		6.00E-03	285	---		---		Lb/Tons Product
30115703	Pumps/Valves/Compressors	---		---		---		---		1.50E+00	288	---		---		Lb/Tons Product
30115704	Catalyst Replacement	---		---		---		---		0.00E+00	289	---		---		Lb/Tons Catalyst Removed
30115780	Fugitive Emissions	---		---		---		---		2.40E+05	503	---		---		Lb/Process Unit-Year
<b><u>3-01-158 Cyclohexanone/Cyclohexanol</u></b>																
30115801	General	0.00E+00	469	0.00E+00	471	0.00E+00	469	0.00E+00	469	4.44E+01	290	---		---		Lb/Tons Produced
30115802	High Pressure Scrubber Vent	---		---		---		---		3.38E+01	290	8.52E+01	290	---		Lb/Tons Product
30115803	Low Pressure Scrubber Vent	---		---		---		---		5.30E+00	290	1.94E+01	290	---		Lb/Tons Product
30115821	Hydrogenation Reactor Vent	---		---		---		---		3.00E+00	291	---		---		Lb/Tons Product
30115822	Distillation Vent	---		---		---		---		1.20E-01	291	---		---		Lb/Tons Product
30115880	Fugitive Emissions	---		---		---		---		3.78E+05	290	---		---		Lb/Process Unit-Year
<b><u>3-01-167 Vinyl Acetate</u></b>																
30116701	General	0.00E+00	487	0.00E+00	487	0.00E+00	487	---		---		0.00E+00	487	---		Lb/Tons Produced
30116702	Inert-gas Purge Vent	---		---		---		---		8.80E+00	292	---		---		Lb/Tons Product
30116703	CO2 Purge Vent	---		---		---		---		6.00E-01	292	---		---		Lb/Tons Product
30116704	Inhibitor Mix Tank Discharge	---		---		---		---		5.60E+00	292	---		---		Lb/Tons Product
30116780	Fugitive Emissions	---		---		---		---		3.60E+05	535	---		---		Lb/Process Unit-Year
<b><u>3-01-169 Ethyl Benzene</u></b>																
30116980	Fugitive Emissions	---		---		---		---		3.28E+05	293	---		---		Lb/Process Unit-Year

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-174 Ethylene Oxide</u></b>																
30117402	Air Oxidation Process Reactor: Main Vent	---		---		---		---		2.00E+00	294	---		---		Lb/Tons Product
30117410	Oxygen Oxidation Process Reactor: CO2 Purge Vent	---		---		---		---		1.50E+00	295	---		---		Lb/Tons Product
30117411	Oxygen Oxidation Process Reactor: Argon Purge Vent	---		---		---		---		4.00E-03	293	---		---		Lb/Tons Product
30117421	Stripper Purge Vent	---		---		---		---		2.00E-01	293	---		---		Lb/Tons Product
30117480	Fugitive Emissions	---		---		---		---		1.68E+05	296	---		---		Lb/Process Unit-Year
<b><u>3-01-176 Glycerin (Glycerol)</u></b>																
30117601	General	0.00E+00	472	0.00E+00	472	0.00E+00	472	0.00E+00	472	1.31E+02	473	0.00E+00	472	---		Lb/Tons Produced
30117610	Chlorination Process: General	---		---		0.00E+00	472	0.00E+00	472	---		---		---		Lb/Tons Product
30117611	CO2 Absorber	---		---		---		---		8.00E-01	257	---		---		Lb/Tons Product
30117612	Evaporator	---		---		---		---		2.00E-01	298	---		---		Lb/Tons Product
30117613	Concentrator	---		---		---		---		2.00E-01	298	---		---		Lb/Tons Product
30117614	Stripping Column	---		---		---		---		2.00E-01	298	---		---		Lb/Tons Product
30117615	Light-ends Stripping Column	---		---		---		---		2.00E-01	298	---		---		Lb/Tons Product
30117616	Solvent Stripping Column	---		---		---		---		4.00E-02	297	---		---		Lb/Tons Product
30117617	Product Distillation Column	---		---		---		---		2.00E-01	298	---		---		Lb/Tons Product
30117618	Cooling Tower	---		---		---		---		5.60E+00	252	---		---		Lb/Tons Product
30117631	Light-ends Stripper	---		---		---		---		3.00E+01	252	---		---		Lb/Tons Product
30117632	Concentrator	---		---		---		---		3.00E-01	252	---		---		Lb/Tons Product
30117633	Glycerin Flasher Column	---		---		---		---		3.00E-04	252	---		---		Lb/Tons Product
30117634	Product Distillation Column	---		---		---		---		3.00E-01	252	---		---		Lb/Tons Product
<b><u>3-01-181 Toluene Diisocyanate</u></b>																
30118101	General	---		---		---		---		1.93E+01	100	---		---		Lb/Tons Produced
30118102	Sulfuric Acid Concentrator	---		---		---		---		1.00E+01	111	---		---		Lb/Tons Product
30118103	Nitration Reactor	---		---		---		---		5.00E-02	152	---		---		Lb/Tons Product
30118104	Catalyst Filtration	---		---		---		---		1.00E-03	252	---		---		Lb/Tons Product
30118105	TDA Vacuum Distillation Vent	---		---		---		---		7.00E-03	252	---		---		Lb/Tons Product
30118106	Dichlorobenzene Solvent Recovery	---		---		---		---		3.00E+00	252	---		---		Lb/Tons Product
30118107	TDI Flash Distillation	---		---		---		---		3.00E+00	252	---		---		Lb/Tons Product
30118108	TDI Purification	---		---		---		---		3.00E+00	101	---		---		Lb/Tons Product
30118109	Residue Vacuum Distillation Unit	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Product



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-181 Toluene Diisocyanate</u></b>																
30118110	HCl Absorber	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Product
<b><u>3-01-190 Methyl Methacrylate</u></b>																
30119002	Acetone Cyanohydrin Reactor Off-gas	---		---		---		---		8.00E-02	252	---		---		Lb/Tons Product
30119003	Recovery Columns	---		---		---		---		2.30E+00	252	---		---		Lb/Tons Product
30119004	Acetone Evaporation Vacuum Vent	---		---		---		---		8.00E-03	252	---		---		Lb/Tons Product
30119010	Hydrolysis Reactor	---		---		---		---		1.32E+01	252	---		---		Lb/Tons Product
30119011	Distillation Unit	---		---		---		---		1.90E+00	252	---		---		Lb/Tons Product
30119012	MMA and Light-ends Distillation Unit	---		---		---		---		1.65E+01	252	---		---		Lb/Tons Product
30119013	Acid Distillation	---		---		---		---		1.10E+00	252	---		---		Lb/Tons Product
30119014	MMA Purification	---		---		---		---		1.58E+01	252	---		---		Lb/Tons Product
30119080	Fugitive Emissions	---		---		---		---		2.73E+05	252	---		---		Lb/Process Unit-Year
<b><u>3-01-195 Nitrobenzene</u></b>																
30119502	Reactor and Separator Vent	---		---		---		---		1.90E+00	252	---		---		Lb/Tons Product
30119503	Acid Stripper Vent	---		---		---		---		3.40E-01	252	---		---		Lb/Tons Product
30119504	Washer and Neutralizer Vent	---		---		---		---		2.00E-02	252	---		---		Lb/Tons Product
30119505	Nitrobenzene Stripper Vent	---		---		---		---		3.40E-01	252	---		---		Lb/Tons Product
30119580	Fugitive Emissions	---		---		---		---		1.38E+05	252	---		---		Lb/Process Unit-Year
<b><u>3-01-197 Butylene, Ethylene, Propylene, Olefin Production</u></b>																
30119701	Ethylene: General	2.00E-02	488	---		6.00E+00	488	2.00E-02	488	---		2.00E-02	488	---		Lb/Tons Produced
30119705	Propylene: General	---		---		---		---		1.00E+00	252	---		---		Lb/Tons Produced
30119742	Ethylene: Pyrolysis Furnace Decoking	2.00E-02	488	---		---		---		---		---		---		Lb/Tons Product
30119743	Ethylene: Acid Gas Removal	---		---		6.00E+00	488	---		2.00E-02	488	---		---		Lb/Tons Product
30119745	Ethylene: Compressor Lube Oil Vent	---		---		---		---		2.00E-02	252	---		---		Lb/Tons Product
30119749	Ethylene: Fugitive Emissions	---		---		---		---		6.95E+05	252	---		---		Lb/Process Unit-Year
<b><u>3-01-202 Phenol</u></b>																
30120201	General	0.00E+00	467	0.00E+00	471	0.00E+00	467	0.00E+00	467	1.54E+01	204	0.00E+00	467	---		Lb/Tons Produced
30120202	Camene Oxidation	0.00E+00	467	0.00E+00	471	0.00E+00	467	0.00E+00	467	4.60E+00	204	0.00E+00	467	---		Lb/Tons Product
30120203	CIIP Concentrator	0.00E+00	467	0.00E+00	471	0.00E+00	467	0.00E+00	467	2.40E+00	204	0.00E+00	467	---		Lb/Tons Product
30120204	Light-ends Distillation Vent	0.00E+00	467	0.00E+00	471	0.00E+00	467	0.00E+00	205	6.00E-01	206	0.00E+00	467	---		Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>3-01-202 Phenol</i></b>																
30120205	Acetone Finishing	---		---		---		0.00E+00	252	1.30E+00	252	---		---		Lb/Tons Product
30120206	Phenol Distillation Column	0.00E+00	467	0.00E+00	471	0.00E+00	467	0.00E+00	305	7.60E+00	467	0.00E+00	467	---		Lb/Tons Product
30120210	Oxidate Wash/Separation	---		---		---		0.00E+00	252	1.60E-01	252	---		---		Lb/Tons Product
30120211	CHP Cleavage Vent	---		---		---		0.00E+00	305	9.50E-01	304	---		---		Lb/Tons Product
30120280	Fugitive Emissions	0.00E+00	467	0.00E+00	467	0.00E+00	467	0.00E+00	467	7.29E+05	306	0.00E+00	467	---		Lb/Process Unit-Year
<b><i>3-01-205 Propylene Oxide</i></b>																
30120503	Vent Gas Scrubber Vent	---		---		---		---		2.05E+01	252	---		---		Lb/Tons Product
30120504	Saponification Column Vent	---		---		---		---		9.00E-02	252	---		---		Lb/Tons Product
30120505	PO Stripping Column Vent	---		---		---		---		1.00E-02	252	---		---		Lb/Tons Product
30120506	Light-ends Stripping Column Vent	---		---		---		---		1.00E-02	252	---		---		Lb/Tons Product
30120507	PO Final Distillation Column Vent	---		---		---		---		1.00E-02	252	---		---		Lb/Tons Product
30120508	DCP Distillation Column Vent	---		---		---		---		2.00E-04	252	---		---		Lb/Tons Product
30120509	DCIPE Distillation Column Vent	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Product
30120521	Oxidation Reactor Scrubber Vent	---		---		---		---		3.50E+00	252	---		---		Lb/Tons Product
30120522	TBA Stripping Column Vent	---		---		---		---		8.00E-03	252	---		---		Lb/Tons Product
30120523	Catalyst Mix Tank Vent	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Product
30120524	PO Stripping Column Vent	---		---		---		---		4.00E-02	252	---		---		Lb/Tons Product
30120525	Crude TBA Recovery Column Vent	---		---		---		---		3.00E-02	252	---		---		Lb/Tons Product
30120526	TBA Wash-Decant System Vent	---		---		---		---		1.00E+02	252	---		---		Lb/Tons Product
30120527	Wastewater Stripping Column Vent	---		---		---		---		4.56E+00	309	---		---		Lb/Tons Product
30120528	Solvent Scrubber Vent	---		---		---		---		1.30E+00	252	---		---		Lb/Tons Product
30120529	Solvent Recovery Column Vent	---		---		---		---		9.00E-04	252	---		---		Lb/Tons Product
30120530	Water Stripping Column Vent	---		---		---		---		3.00E-03	252	---		---		Lb/Tons Product
30120531	Propylene Glycol and Dipropylene Glycol Combined Vent	---		---		---		---		1.00E-01	252	---		---		Lb/Tons Product
30120532	Flue Gas Vent	---		---		---		---		8.00E-02	252	---		---		Lb/Tons Product
30120541	Oxidation Reactor Scrubber Vent	---		---		---		---		3.20E+00	310	---		---		Lb/Tons Product
30120542	Falling Film Evaporator Vent	---		---		---		---		1.00E-02	252	---		---		Lb/Tons Product
30120543	Catalyst Mix Tank Vent	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Product
30120544	Separation Column Vent	---		---		---		---		3.00E-01	252	---		---		Lb/Tons Product
30120545	Light-ends Stripping Column Vent	---		---		---		---		3.00E-01	252	---		---		Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-205 Propylene Oxide</u></b>																
30120546	Propylene Recovery Column Vent	---		---		---		---		3.00E-01	252	---		---		Lb/Tons Product
30120547	Product Wash-Decant System Vent	---		---		---		---		1.00E-03	110	---		---		Lb/Tons Product
30120548	Mixed Hydrocarbon Wash-Decant System Vent	---		---		---		---		3.00E-03	252	---		---		Lb/Tons Product
30120549	Ethyl Benzene Wash-Decant System Vent	---		---		---		---		3.00E-03	252	---		---		Lb/Tons Product
30120550	Ethyl Benzene Stripping Column Vent	---		---		---		---		3.00E-03	252	---		---		Lb/Tons Product
30120551	Light-hydrocarbon Stripping Column Vent	---		---		---		---		3.00E-03	110	---		---		Lb/Tons Product
30120552	MBA-AP Stripping Column Vent	---		---		---		---		2.00E-02	252	---		---		Lb/Tons Product
30120553	Dehydration Reactor System Vent	---		---		---		---		2.00E-03	252	---		---		Lb/Tons Product
30120554	Light-impurities Stripping Column Vent	---		---		---		---		2.50E+00	110	---		---		Lb/Tons Product
30120555	Styrene Finishing Column Vent	---		---		---		---		1.70E+00	252	---		---		Lb/Tons Product
<b><u>3-01-206 Styrene</u></b>																
30120601	General	2.00E-02	489	---		0.00E+00	489	4.00E-02	489	---		0.00E+00	252	---		Lb/Tons Produced
30120680	Fugitive Emissions	---		---		---		---		2.48E+05	252	---		---		Lb/Process Unit-Year
<b><u>3-01-210 Caprolactum (Use 3-01-130 for Ammonium Sulfate By-product Production)</u></b>																
30121001	General	---		---		---		---		1.19E+01	311	---		---		Lb/Tons Product
30121002	Cyclohexanone Purification Vent	---		---		---		---		6.20E+00	252	---		---		Lb/Tons Product
30121005	Neutralization Reactor Vent	---		---		---		---		8.00E-02	252	---		---		Lb/Tons Product
30121006	Solvent Separation/Recovery	---		---		---		---		4.00E+00	252	---		---		Lb/Tons Product
30121007	Oximation Reactor/Separator	---		---		---		---		5.00E-02	252	---		---		Lb/Tons Product
30121008	Caprolactum Purification	---		---		---		---		3.00E-01	252	---		---		Lb/Tons Product
30121009	Ammonium Sulfate Drying ** (Use 3-01-130-04 or 3-01-130-05)	---		---		---		---		1.20E+00	252	---		---		Lb/Tons Product
30121010	AS:Cool/Screen/Storage**(Use 301130-06&07,301870-25&26,301875-25&26)	---		---		---		---		1.00E-01	252	---		---		Lb/Tons Product
<b><u>3-01-211 Linear Alkylbenzene</u></b>																
30121103	Hydrogen Fluoride Scrubber Vent	---		---		---		---		2.20E-02	312	---		---		Lb/Tons Product
30121104	Vacuum Refining	---		---		---		---		2.00E-01	252	---		---		Lb/Tons Product
30121122	Parafin Drying Column Vent	---		---		---		---		5.60E-03	313	---		---		Lb/Tons Product
30121123	HCl Absorber Vent	---		---		---		---		5.00E-01	313	---		---		Lb/Tons Product
30121124	Atmospheric Wash-Decant Vent	---		---		---		---		2.50E-02	313	---		---		Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<u>3-01-211 Linear Alkylbenzene</u>																
30121125	Benzene Stripping Column	---		---		---		---		7.40E-03	313	---		---		Lb/Tons Product
<u>3-01-250 Methanol/Alcohol Production</u>																
30125002	Methanol: Purge Gas Vent	---		---		---		---		2.20E+00	252	---		---		Lb/Tons Product
30125003	Methanol: Distillation Vent	---		---		---		---		8.00E-01	252	---		---		Lb/Tons Product
30125004	Methanol: Fugitive Emissions	---		---		---		---		5.73E+05	314	---		---		Lb/Process Unit-Year
30125010	Ethanol by Fermentation	---		---		---		---		1.90E+00	252	---		---		Lb/Tons Produced
30125020	Alcohols by Oxo Process	6.00E-03	252	---		---		8.00E-02	490	---		2.25E+01	490	---		Lb/Tons Produced
<u>3-01-251 Ethylene Glycol</u>																
30125101	General	---		---		---		---		1.03E+01	315	---		---		Lb/Tons Produced
30125180	Fugitive Emissions	---		---		---		---		2.40E+04	252	---		---		Lb/Process Unit-Year
<u>3-01-252 Etherene Production</u>																
30125201	General	---		---		0.00E+00	454	0.00E+00	454	1.60E-01	454	---		---		Lb/Tons Produced
<u>3-01-253 Glycol Ethers</u>																
30125302	Vacuum System Vent	---		---		---		---		3.00E-02	252	---		---		Lb/Tons Product
30125305	Catalyst: Methanol Mix Tank	---		---		---		---		2.00E-02	252	---		---		Lb/Tons Product
30125306	Methanol Recovery Column Vent	---		---		---		---		3.00E-01	316	---		---		Lb/Tons Product
30125315	Catalyst: Ethanol Mix Tank	---		---		---		---		1.00E-02	252	---		---		Lb/Tons Product
30125316	Ethanol Recovery Column Vent	---		---		---		---		1.90E-01	252	---		---		Lb/Tons Product
30125325	Catalyst: Butanol Mix Tank	---		---		---		---		2.00E-03	252	---		---		Lb/Tons Product
30125326	Butanol Recovery Column Vent	---		---		---		---		3.00E-02	252	---		---		Lb/Tons Product
30125330	Secondary Emissions: Handling and Disposal of Process Waste Streams	---		---		---		---		6.00E-02	316	---		---		Lb/Tons Product
30125380	Fugitive Emissions	---		---		---		---		2.01E+04	316	---		---		Lb/Process Unit-Year
<u>3-01-254 Nitriles, Acrylonitrile, Adiponitrile Production</u>																
30125401	Acetonitrile	---		---		---		---		4.97E+02	460	---		---		Lb/Tons Produced
30125405	General: Acrylonitrile	---		---		---		---		2.20E+02	252	---		---		Lb/Tons Produced
30125406	Absorber Vent: Normal	---		---		---		---		2.00E+02	252	---		---		Lb/Tons Product
30125407	Absorber Vent: Startup	---		---		---		---		5.00E-01	252	---		---		Lb/Tons Product
30125408	Recovery/Purification Column Vent	---		---		---		---		2.00E+01	252	---		---		Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-254 Nitriles, Acrylonitrile, Adiponitrile Production</u></b>																
30125409	Fugitive Emissions	---		---		---		---		2.23E+05	514	---		---		Lb/Process Unit-Year
30125410	Via Adipic Acid: General	3.60E+00	491	---		0.00E+00	491	3.00E-01	491	---		0.00E+00	491	---		Lb/Tons Produced
30125411	Ammonia Recovery Still	---		---		---		3.00E-01	491	0.00E+00	499	---		---		Lb/Tons Product
30125412	Product Fractionator Vent	3.60E+00	491	---		---		---		---		---		---		Lb/Tons Product
30125415	Via Butadiene: General	2.15E+01	492	---		0.00E+00	492	2.31E+02	492	5.13E+01	492	0.00E+00	492	---		Lb/Tons Produced
30125416	Chlorination Reactor	---		---		---		---		3.58E+01	492	---		---		Lb/Tons Product
30125417	Cyanide Synthesis	---		---		---		7.58E+01	492	---		---		---		Lb/Tons Product
30125418	Cyanation/Isomerization	7.60E+00	492	---		---		4.24E+01	492	1.55E+01	492	---		---		Lb/Tons Product
<b><u>3-01-258 Benzene/Toluene/Aromatics/Xylenes</u></b>																
30125880	Aromatics: Fugitive Emissions	---		---		---		---		3.79E+05	252	---		---		Lb/Process Unit-Year
<b><u>3-01-301 Chlorobenzene</u></b>																
30130101	Tail Gas Scrubber	---		---		---		---		1.20E+00	252	---		---		Lb/Tons Product
30130103	Benzene Recovery	---		---		0.00E+00	252	0.00E+00	252	---		---		---		Lb/Tons Product
30130104	Heavy-ends Processing	---		---		0.00E+00	252	0.00E+00	252	---		---		---		Lb/Tons Product
30130105	MCB Distillation	---		---		0.00E+00	252	0.00E+00	252	---		---		---		Lb/Tons Product
30130106	Vacuum System Vent	---		---		0.00E+00	252	0.00E+00	252	9.00E-01	252	---		---		Lb/Tons Product
30130107	DCB Crystallization	---		---		0.00E+00	252	0.00E+00	252	3.00E-02	252	---		---		Lb/Tons Product
30130108	DCB Crystal Handling/Loading	---		---		0.00E+00	252	0.00E+00	252	4.00E-02	252	---		---		Lb/Tons Product
30130114	Secondary Emissions: Handling and Disposal of Wastewater	---		---		---		---		6.00E-02	318	---		---		Lb/Tons Product
30130115	Atmospheric Distillation Vents	---		---		---		---		8.00E-01	318	---		---		Lb/Tons Product
30130180	Fugitive Emissions	---		---		---		---		4.17E+05	318	---		---		Lb/Process Unit-Year
<b><u>3-01-302 Carbon Tetrachloride</u></b>																
30130202	Distillation Vent	---		---		---		---		1.00E-02	252	---		---		Lb/Tons Product
30130203	Caustic Scrubber	---		---		---		---		3.00E-01	252	---		---		Lb/Tons Product
<b><u>3-01-303 Allyl Chloride</u></b>																
30130302	HCl Absorber	---		---		---		---		3.00E-01	252	---		---		Lb/Tons Product
30130303	Light-ends Distillation	---		---		---		---		1.30E+02	252	---		---		Lb/Tons Product
30130304	Allyl Chloride Distillation Column	---		---		---		---		2.00E-01	321	---		---		Lb/Tons Product
30130305	DCP Distillation Column	---		---		---		---		2.00E+00	252	---		---		Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-304 Allyl Alcohol</u></b>																
30130402	Catalyst Preparation	---		---		---		---		4.50E+02	252	---		---		Lb/Tons Product
30130403	Filtration System	---		---		---		---		6.40E+00	252	---		---		Lb/Tons Product
30130404	Light-ends Stripper	---		---		---		---		2.20E+01	252	---		---		Lb/Tons Product
30130405	Distillation System Condenser	---		---		---		---		2.30E+01	252	---		---		Lb/Tons Product
<b><u>3-01-870 Inorganic Chemical Storage (Fixed Roof Tanks)</u></b>																
30187001	Hydrochloric Acid: Breathing Loss ** (Use 3-01-870-33)	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	404	---		---		Lb/1000 Gallons Storage Capacity
30187002	Hydrochloric Acid: Working Loss ** (Use 3-01-870-34)	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	404	---		---		Lb/1000 Gallons Throughput
30187003	Hydrofluoric Acid: Breathing Loss	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	404	---		---		Lb/1000 Gallons Storage Capacity
30187004	Hydrofluoric Acid: Working Loss	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	404	---		---		Lb/1000 Gallons Throughput
30187005	Nitric Acid: Breathing Loss	---		---		0.00E+00	533	---	---	0.00E+00	404	---		---		Lb/1000 Gallons Storage Capacity
30187006	Nitric Acid: Working Loss	---		---		0.00E+00	533	---	---	0.00E+00	404	---		---		Lb/1000 Gallons Throughput
30187007	Phosphoric Acid: Breathing Loss	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	404	---		---		Lb/1000 Gallons Storage Capacity
30187008	Phosphoric Acid: Working Loss	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	404	---		---		Lb/1000 Gallons Throughput
30187009	Sulfuric Acid: Breathing Loss	---		---		---		0.00E+00	533	0.00E+00	404	---		---		Lb/1000 Gallons Storage Capacity
30187010	Sulfuric Acid: Working Loss	---		---		---		0.00E+00	533	0.00E+00	404	---		---		Lb/1000 Gallons Throughput
30187097	Specify Liquid: Breathing Loss	---		---		---		---	---	0.00E+00	404	---		---		Lb/1000 Gallons Storage Capacity
30187098	Specify Liquid: Working Loss	---		---		---		---	---	0.00E+00	404	---		---		Lb/1000 Gallons Throughput
<b><u>3-01-875 Inorganic Chemical Storage (Floating Roof Tank)</u></b>																
30187501	Carbon Disulfide: Breathing Loss ** (Use 4-07-296-01)	---		---		---		0.00E+00	533	0.00E+00	499	---		---		Lb/1000 Gallons Storage Capacity
30187502	Carbon Disulfide: Withdrawal Loss ** (Use 4-07-296-02)	---		---		---		0.00E+00	533	0.00E+00	499	---		---		Lb/1000 Gallons Throughput
<b><u>3-01-885 Inorganic Chemical Storage (Pressure Tanks)</u></b>																
30188501	Ammonia: Withdrawal Loss	---		---		---		---		0.00E+00	499	---		---		Lb/1000 Gallons Throughput
30188502	Carbon Monoxide: Withdrawal Loss	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	499	---		---		Lb/1000 Gallons Throughput
30188503	Chlorine: Withdrawal Loss	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	499	---		---		Lb/1000 Gallons Throughput
30188504	Hydrogen Cyanide: Withdrawal Loss	---		---		0.00E+00	533	0.00E+00	533	0.00E+00	499	---		---		Lb/1000 Gallons Throughput
30188505	Sulfur Dioxide: Withdrawal Loss	---		---		---		0.00E+00	533	0.00E+00	499	---		---		Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-01-900 Fuel Fired Equipment</u></b>																
30190001	Distillate Oil (No. 2): Distillate Heaters	---		---		1.43E+02	549	2.00E+01	549	2.00E-01	549	---		---		Lb/1000 Gallons Burned
30190002	Residual Oil: Process Heaters	---		---		1.58E+02	549	5.00E+01	549	2.80E-01	549	---		---		Lb/1000 Gallons Burned
30190003	Natural Gas: Distillate Heaters	---		---		6.00E-01	549	1.40E+02	549	2.80E+00	549	---		---		Lb/Million Cubic Feet Burned
30190004	Process Gas	---		---		---		1.40E+02	549	2.80E+00	549	---		---		Lb/Million Cubic Feet Burned
30190011	Distillate Oil (No. 2): Incinerators	---		---		---		---		4.00E-01	549	---		---		Lb/1000 Gallons Burned
30190012	Residual Oil: Incinerators	---		---		---		---		5.60E-01	549	---		---		Lb/1000 Gallons Burned
30190013	Natural Gas: Incinerators	---		---		---		---		5.60E+00	549	---		---		Lb/Million Cubic Feet Burned
30190014	Process Gas: Incinerators	---		---		---		---		5.60E+00	549	---		---		Lb/Million Cubic Feet Burned
30190099	Specify in Comments Field	2.70E+00	* 1343	---		5.00E+01	* 1343	6.80E-02	* 1407	3.70E+00	* 1343	3.70E-01	* 1407	---		Lb/Million Cubic Feet Burned
		lb/ton carbon black produced				lb/ton carbon black produced		lb/MMBtu heat input		lb/ton carbon black produced		lb/MMBtu heat input				
<b><u>3-02 FOOD AND AGRICULTURE</u></b>																
<b><u>3-02-001 Alfalfa Dehydration</u></b>																
30200101	General	1.56E+01		---		---		---		---		---		---		Lb/Tons Meal Produced
30200102	Primary Cyclone and Dryer	1.00E+01	252	9.00E+00	252	0.00E+00	252	0.00E+00	252	---		0.00E+00	252	---		Lb/Tons Product
30200103	Meal Collector Cyclone	2.60E+00	252	---		0.00E+00	252	0.00E+00	252	---		0.00E+00	252	---		Lb/Tons Product
30200104	Pellet Cooler Cyclone	3.00E+00	252	---		0.00E+00	252	0.00E+00	252	---		0.00E+00	252	---		Lb/Tons Product
<b><u>3-02-002 Coffee Roasting</u></b>																
30200201	Direct Fired Roaster	7.60E+00	252	---		---		1.00E-01	252	---		---		---		Lb/Tons of Green Beans
30200202	Indirect Fired Roaster	4.20E+00	252	---		---		1.00E-01	252	---		---		---		Lb/Tons of Green Beans
30200203	Stoner/Cooler	1.40E+00	252	---		0.00E+00	252	---		0.00E+00	252	---		---		Lb/Tons of Green Beans
<b><u>3-02-003 Instant Coffee Products</u></b>																
30200301	Spray Dryer	1.40E+00	252	9.30E-01	252	---		---		0.00E+00	252	---		---		Lb/Tons of Green Beans
<b><u>3-02-004 Cotton Ginning</u></b>																
30200401	Unloading Fan	5.00E+00	252	7.50E-01	620	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Bales of Cotton

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<u>3-02-004 Cotton Ginning</u>																
30200402	Seed Cotton Cleaning System	1.00E+00	252	5.00E-02	621	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Bales of Cotton
30200403	Stick/Burr Machine	3.00E+00	252	3.00E-02	621	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Bales of Cotton
30200404	Miscellaneous	3.00E+00	251	2.30E-01	621	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Bales of Cotton
30200410	General	1.20E+01	251	1.00E+00	624	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Bales of Cotton
<u>3-02-005 Feed and Grain Terminal Elevators</u>																
30200501	Shipping/Receiving **	1.00E+00		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---	---	Lb/Tons of Grain Processed
30200502	Transfer/Convey **	2.00E+00		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---	---	Lb/Tons of Grain Processed
30200503	Cleaning	3.00E+00	252	4.50E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200504	Drying	1.10E+00	252	6.60E-01		---		---		---		---		---	---	Lb/Tons of Grain Processed
30200505	Unloading (Receiving)	1.00E+00	252	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200506	Loading (Shipping)	3.00E-01	252	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200507	Removal from Bins (Tunnel Belt)	1.40E+00	252	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200508	Elevator Legs (Headhouse)	1.50E+00	252	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200509	Tripper (Gallery Belt)	1.00E+00	252	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200510	Removal from Bins (Tunnel Belt)	2.80E+00		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Shipped or Received
30200511	Elevator Legs (Headhouse)	4.50E+00		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Shipped or Received
30200512	Country Elevators: General	1.02E+01		1.65E+00	625	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Shipped or Received
<u>3-02-006 Feed and Grain Country Elevators</u>																
30200601	Shipping/Receiving **	5.00E+00		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---	---	Lb/Tons of Grain Processed
30200602	Transfer/Convey **	3.00E+00		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---	---	Lb/Tons of Grain Processed



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-02-006 Feed and Grain Country Elevators</u></b>																
30200603	Cleaning	3.00E+00	252	4.50E-01	398	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200604	Drying	7.00E-01	252	4.30E-01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Grain Processed
30200605	Unloading (Receiving)	6.00E-01	252	2.94E-01	315	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200606	Loading (Shipping)	3.00E-01	252	5.00E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200607	Removal from Bins (Tunnel Belt)	1.00E+00	252	6.94E-01	315	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200608	Elevator Legs (Headhouse)	1.50E+00	252	2.30E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Processed
30200609	Tripper (Gallery Belt)	1.70E+00	---	2.60E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Shipped or Received
30200610	Removal from Bins (Tunnel Belt)	1.00E+00	---	6.94E-01	315	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Shipped or Received
30200611	Elevator Legs (Headhouse)	---	---	7.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Grain Shipped or Received
<b><u>3-02-007 Grain Millings</u></b>																
30200701	General **	5.00E+00	---	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Grain Processed
30200702	General **	7.00E+00	---	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Grain Processed
30200703	Barley Cleaning	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Processed
30200704	Milo Cleaning	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Processed
30200705	Barley Flour Mill	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Processed
30200711	Durum Milling: Grain Receiving	1.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200712	Durum Milling: Precleaning/Handling	5.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200713	Durum Milling: Cleaning House	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200714	Durum Milling: Millhouse	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200721	Rye: Grain Receiving	1.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200722	Rye: Precleaning/Handling	5.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200723	Rye: Cleaning House	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200724	Rye: Millhouse	7.00E+01	252	4.27E+01	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200731	Wheat: Grain Receiving	1.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200732	Wheat: Precleaning/Handling	5.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200733	Wheat: Cleaning House	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-02-007 Grain Millings</u></b>																
30200734	Wheat: Millhouse	7.00E+01	252	4.27E+01	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200741	Dry Corn Milling: Grain Receiving	1.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200742	Dry Corn Milling: Grain Drying	5.00E-01	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200743	Dry Corn Milling: Precleaning/Handling	5.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200744	Dry Corn Milling: Cleaning House	6.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200745	Dry Corn Milling: Degerming and Milling	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200751	Wet Corn Milling: Grain Receiving	1.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200752	Wet Corn Milling: Grain Handling	8.70E-01	1371	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200753	Wet Corn Milling: Grain Cleaning	1.60E+00	1371	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200754	Wet Corn Milling: Dryers	4.80E-01	252	2.90E-01	626	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200755	Wet Corn Milling: Bulk Loading	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200756	Wet Corn Milling: Milling	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200760	Oat: General	2.50E+00	252	1.50E+00	627	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200771	Rice: Grain Receiving	6.40E-01	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200772	Rice: Precleaning/Handling	5.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200773	Rice: Drying	3.00E-01	252	2.40E-02	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Grain Received
30200774	Rice: Cleaning/Millhouse	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200781	Soybean: Grain Receiving	1.60E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200782	Soybean: Grain Handling	5.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200783	Soybean: Grain Cleaning	---	---	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200784	Soybean: Drying	7.20E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200785	Soybean: Cracking and Dehulling	3.30E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200786	Soybean: Hull Grinding	2.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200787	Soybean: Bean Conditioning	1.00E-01	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200788	Soybean: Flaking	5.70E-01	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200789	Soybean: Meal Dryer	1.50E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200790	Soybean: Meal Cooler	1.80E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200791	Soybean: Bulk Loading	2.70E-01	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
<b><u>3-02-008 Feed Manufacture</u></b>																
30200801	General **	3.00E+00	---	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Grain Processed
30200802	Grain Receiving	2.50E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-02-008 Feed Manufacture</u></b>																
30200803	Shipping	1.00E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200804	Handling	5.50E+00	252	---	---	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200805	Grinding	---	---	6.00E-02	628	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200806	Pellet Coolers	---	---	1.00E-01	629	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200815	Grinding	2.10E-01	---	6.00E-02	630	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Grain Received
30200816	Pellet Cooler	---	---	6.00E-02	631	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons Grain Processed
<b><u>3-02-009 Beer Production</u></b>																
30200901	Grain Handling	3.00E+00	252	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Grain Processed
30200902	Drying Spent Grains	5.00E+00	252	---	---	---	---	---	---	2.63E+00	252	---	---	---	---	Lb/Tons of Grain Processed
30200905	Malt Dryer	4.50E-02	---	2.70E-02	632	---	---	---	---	---	---	---	---	---	---	Lb/Tons Grain Dried
<b><u>3-02-010 Whiskey Production Fermentation</u></b>																
30201001	Grain Handling	3.00E+00	252	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Grain Processed
30201002	Drying Spent Grains	5.00E+00	252	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Grain Processed
30201003	Aging	0.00E+00	---	---	---	---	---	---	---	1.00E+01	252	---	---	---	---	Lb/Barrel (50 Gal)
<b><u>3-02-011 Wines, Brandy, and Brandy Spirits</u></b>																
30201105	Fermentation at 52 F	---	---	---	---	---	---	---	---	1.06E+00	252	---	---	---	---	Lb/1000 Gallons Produced
30201106	Fermentation at 80 F	---	---	---	---	---	---	---	---	4.79E+00	252	---	---	---	---	Lb/1000 Gallons Produced
<b><u>3-02-012 Fish Processing</u></b>																
30201201	Cookers: Fresh Fish Scrap	0.00E+00	252	---	---	---	---	---	---	3.00E-02	---	---	---	---	---	Lb/Tons Fish Meal Produced
30201202	Cookers: Stale Fish Scrap	0.00E+00	252	---	---	---	---	---	---	3.50E+00	252	---	---	---	---	Lb/Tons Fish Meal Produced
30201203	Dryers **	1.00E-01	---	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Fish Scrap
30201204	Canning Cookers	0.00E+00	---	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Fish Processed
30201205	Steam Tube Dryer	5.00E+00 *	1375	1.05E+00	251	---	---	---	---	---	---	---	---	---	---	Lb/Tons Fish Scrap
		lb/ton raw fish processed														
30201206	Direct Fired Dryer	8.00E+00 *	1375	1.68E+00	251	---	---	---	---	---	---	---	---	---	---	Lb/Tons Fish Scrap
		lb/ton raw fish processed														
<b><u>3-02-013 Meat Smokehouses</u></b>																
30201301	Combined Operations	3.00E-01	252	---	---	1.00E+00	375	7.00E-01	392	---	---	6.00E-01	252	---	---	Lb/Tons Meat Smoked

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-02-014 Starch Manufacturing</u></b>																
30201401	Combined Operations	8.00E+00	252	---	---	---	---	1.20E+02	252	2.52E+02	396	---	---	---	---	Lb/Tons Starch Produced
<b><u>3-02-016 Sugar Beet Processing</u></b>																
30201601	Dryer	---	---	---	---	4.10E-01	699	6.00E-02	699	2.00E-01	---	---	---	---	---	Lb/Tons Raw Beets
<b><u>3-02-017 Peanut Processing</u></b>																
30201711	Unloading of Almonds to Receiving Pit	6.00E-02	1372	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Field Weight
30201716	Air Leg to Separate Shells from Meats	5.10E-01	1372	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Field Weight
30201799	Other Not Classified	---	---	---	---	---	---	6.50E-02	252	---	---	---	---	---	---	Lb/Tons Processed
<b><u>3-02-019 Vegetable Oil Processing</u></b>																
30201906	Corn Oil: General	---	---	---	---	---	---	---	---	1.87E+01	306	---	---	---	---	Lb/Tons Extractor Feed Cake
30201907	Cottonseed Oil: General	---	---	---	---	---	---	---	---	1.75E+01	306	---	---	---	---	Lb/Tons Extractor Feed Cake
30201908	Soybean Oil: General	---	---	---	---	---	---	---	---	1.60E+01	306	---	---	---	---	Lb/Tons Extractor Feed Cake
30201909	Peanut Oil: General	---	---	---	---	---	---	---	---	2.07E+01	306	---	---	---	---	Lb/Tons Extractor Feed Cake
30201916	Oil Extraction	---	---	---	---	---	---	---	---	1.67E+01	596	---	---	---	---	Lb/Tons Extractor Feed Cake
30201917	Meal Preparation	---	---	---	---	---	---	---	---	1.10E+00	596	---	---	---	---	Lb/Tons Extractor Feed Cake
30201918	Oil Refining	---	---	---	---	---	---	---	---	4.60E-01	596	---	---	---	---	Lb/Tons Extractor Feed Cake
<b><u>3-02-020 Beef Cattle Feedlots</u></b>																
30202001	Feedlots: General	2.30E-01	597	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Head of Cattle Capacity
30202002	Feedlots: General	2.70E-02	252	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Head of Cattle Throughput
<b><u>3-02-021 Eggs and Poultry Production</u></b>																
30202101	Manure Handling: Dry	---	---	---	---	---	---	---	---	0.00E+00	312	---	---	---	---	Lb/Number of Chickens-Capacity
30202102	Manure Handling: Dry	---	---	---	---	---	---	---	---	0.00E+00	312	---	---	---	---	Lb/Number of Chickens-Throughput
30202105	Manure Handling: Wet	---	---	---	---	---	---	---	---	0.00E+00	312	---	---	---	---	Lb/Number of Chickens-Capacity
30202106	Manure Handling: Wet	---	---	---	---	---	---	---	---	0.00E+00	312	---	---	---	---	Lb/Number of Chickens-Throughput
<b><u>3-02-026 Seed Products and Processing</u></b>																
30202601	Seed Handling: General	---	---	---	---	0.00E+00	110	0.00E+00	110	0.00E+00	110	---	---	---	---	Lb/Tons Processed
<b><u>3-02-031 Export Grain Elevators</u></b>																
30203103	Cleaning	3.00E+00	252	4.50E-01	598	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Grain Processed
30203104	Drying	1.10E+00	252	6.70E-01	599	---	---	---	---	---	---	---	---	---	---	Lb/Tons Grain Processed



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-02-900 Fuel Fired Equipment</u></b>																
30290003	Natural Gas	---		---		6.00E-01	380	1.40E+02	380	2.80E+00	380	---		---		Lb/Million Cubic Feet Burned
<b><u>3-03 PRIMARY METAL PRODUCTION</u></b>																
<b><u>3-03-000 Aluminum Ore (Bauxite)</u></b>																
30300001	Crushing/Handling	6.00E+00	1187	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Ore
30300002	Drying Oven	---		7.00E-01	252	1.40E+00		---		---		---		---		Lb/Tons of Ore
30300003	Fine Ore Storage	0.00E+00	557	7.00E-04	557	3.00E+00	554	---		---		---		---		Lb/Tons Handled
<b><u>3-03-001 Aluminum Ore (Electro-reduction)</u></b>																
30300101	Prebaked Reduction Cell	9.40E+01	1187	5.45E+01	253	6.00E+01	565	3.00E-03	525	1.00E-01	618	---		---		Lb/Tons of Molten Aluminum Produced
30300102	Horizontal Stud Soderberg Cell	9.80E+01	1187	5.68E+01	252	---		---		1.00E+00	618	---		---		Lb/Tons of Molten Aluminum Produced
30300103	Vertical Stud Soderberg Cell	7.80E+01	1187	---		---		---		1.00E+00	618	---		---		Lb/Tons of Molten Aluminum Produced
30300104	Materials Handling	1.00E+01	252	5.80E+00	253	0.00E+00	553	0.00E+00	553	0.00E+00	553	---		---		Lb/Tons of Molten Aluminum Produced
30300105	Anode Baking Furnace	3.00E+00	1187	---		---		---		1.00E+00	328	---		---		Lb/Tons of Molten Aluminum Produced
30300106	Degassing	---		---		0.00E+00	561	---		0.00E+00	561	---		---		Lb/Tons of Molten Aluminum Produced
30300107	Roof Vents	---		---		---		---		2.70E+00	252	---		---		Lb/Tons of Molten Aluminum Produced
30300108	Prebake: Fugitive Emissions	5.00E+00	1187	2.90E+00	252	---		---		0.00E+00	450	---		---		Lb/Tons of Molten Aluminum Produced
30300109	H.S.S.: Fugitive Emissions	1.00E+01	1187	3.10E+00	252	---		---		0.00E+00	450	---		---		Lb/Tons of Molten Aluminum Produced
30300110	V.S.S.: Fugitive Emissions	1.20E+01	1187	3.70E+00	253	---		---		0.00E+00	450	---		---		Lb/Tons of Molten Aluminum Produced
30300111	Anode Baking: Fugitive Emissions	---		---		---		---		0.00E+00	450	---		---		Lb/Tons of Molten Aluminum Produced
<b><u>3-03-002 Aluminum Hydroxide Calcining</u></b>																
30300201	Overall Process	2.00E+02	1187	2.40E+01	253	2.78E+01	252	1.50E+00	252	2.00E-02	501	---		---		Lb/Tons of Alumina Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>3-03-003 By-product Coke Manufacturing</i></b>																
30300302	Oven Charging	4.80E-01 *	1388	1.00E-02	252	2.00E-02 *	1388	3.00E-02 *	1388	2.50E+00 *	1388	6.00E-01 *	1388	---	---	Lb/Tons of Coal Charged
	lb/ton coke produced					lb/ton coke produced		lb/ton coke produced		lb/ton coke produced		lb/ton coke produced				
30300303	Oven Pushing	1.15E+00 *	1388	5.00E-01	1388	3.30E+00	699	3.00E-02		2.00E-01 *	1388	7.00E-02 *	1388	---	---	Lb/Tons of Coal Charged
	lb/ton coke produced									lb/ton coke produced		lb/ton coke produced				
30300304	Quenching	5.24E+00 *	1388	1.20E+00	1388	---	---	6.00E-01	553	---	---	---	---	---	---	Lb/Tons of Coal Charged
	lb/ton coke produced															
30300305	Coal Unloading	1.10E-04		5.40E-05	633	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons of Coal Charged
30300306	Oven Underfiring	4.70E-01		---		---		4.00E-02	382	2.00E+00	387	---	---	---	---	Lb/Tons of Coal Charged
30300307	Coal Crushing/Handling	---		---		0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons of Coal Charged
30300308	Oven/Door Leaks	5.40E-01 *	1388	5.10E-01	389	2.94E-01	699	1.00E-02 *	1388	1.50E+00 *	1388	6.00E-01 *	1388	---	---	Lb/Tons of Coal Charged
	lb/ton coke produced							lb/ton coke produced		lb/ton coke produced		lb/ton coke produced				
30300309	Coal Conveying	---		---		0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Processed
30300310	Coal Crushing	1.10E-01	252	5.00E-02	252	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Processed
30300311	Coal Screening	---		---		0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Processed
30300312	Coke: Crushing/Screening/Handling	---		4.00E-02	252	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Processed
30300313	Coal Preheater	3.50E+00 *	1388	3.40E+00	1388	---	---	---	---	3.00E-01		---	---	---	---	Lb/Tons of Coal Charged
	lb/ton coke produced															
30300314	Topside Leaks	---		8.00E-02	253	1.00E-01	608	1.00E-02	608	1.50E+00	608	---	---	---	---	Lb/Tons of Coal Charged
30300316	Coal Storage Pile	---		---		0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons of Coal Charged
30300317	Combustion Stack: Coke Oven Gas (COG)	4.70E-01	1388	---		4.00E+00	1388	---	---	---	---	---	---	---	---	Lb/Tons Coke Produced
30300318	Combustion Stack: Blast Furnace Gas (BFG)	1.70E-01	1388	---		1.08E+00	1388	---	---	---	---	---	---	---	---	Lb/Tons Coke Produced
<b><i>3-03-004 Coke Manufacture: Beehive Process</i></b>																
30300401	General	---		9.78E+01	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Coal Charged
<b><i>3-03-005 Primary Copper Smelting</i></b>																
30300502	Multiple Hearth Roaster	4.50E+01	252	2.38E+01	253	2.80E+02	252	---	---	---	---	---	---	1.50E-01	1389	Lb/Tons of Concentrated Ore Processed
30300503	Reverberatory Smelting Furnace after Roaster	5.00E+01	252	1.36E+01	252	1.60E+02		---	---	---	---	---	---	7.20E-02	1389	Lb/Tons of Concentrated Ore Processed
30300504	Converter (All Configurations)	3.60E+01	252	2.12E+01	252	7.40E+02		---	---	---	---	---	---	2.70E-01	1389	Lb/Tons of Concentrated Ore Processed
30300505	Fire (Furnace) Refining	---		9.20E+00	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>3-03-005 Primary Copper Smelting</b>																
30300506	Ore Concentrate Dryer	1.00E+01	252	4.80E+00	253	1.00E+00	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300507	Reverberatory Smelting Furnace w/ Ore Charge w/o Roasting	---	---	1.35E+01	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300508	Refined Metal Finishing Operations	---	---	---	---	0.00E+00	604	0.00E+00	604	0.00E+00	604	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300509	Fluidized Bed Roaster	5.50E+01	---	2.92E+01	253	3.60E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300510	Electric Smelting Furnace	1.00E+02	252	5.80E+01	253	2.40E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300511	Electrolytic Refining	---	---	---	---	0.00E+00	453	0.00E+00	453	0.00E+00	453	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300512	Flash Smelting	1.40E+02	252	8.30E+01	253	8.20E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300513	Roasting: Fugitive Emissions	2.60E+00	1389	1.40E+00	253	1.00E+00	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300514	Reverberatory Furnace: Fugitive Emissions	4.00E-01	1389	1.70E-01	253	4.00E+00	1389	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300515	Converter: Fugitive Emissions	4.40E+00	1389	2.60E+00	253	1.30E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300516	Anode Refining Furnace: Fugitive Emissions	5.00E-01	1389	4.60E-01	253	1.00E-01	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300517	Slag Cleaning Furnace: Fugitive Emissions	8.00E+00	1389	7.70E+00	253	6.00E+00	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300518	Converter Slag Return: Fugitive Emissions	---	---	---	---	1.00E-01	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300522	Slag Cleaning Furnace	1.00E+01	---	7.70E+00	389	6.00E+00	---	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300523	Reverberatory Furnace with Converter	8.60E+01	252	9.70E+00	389	3.20E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300524	AFT MHR+RF/FBR+EF	3.60E+01	---	2.12E+01	---	6.00E+02	---	---	---	0.00E+00	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300525	Fluid Bed Roaster with Reverberatory Furnace and Converter	8.60E+01	252	1.91E+01	389	3.60E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>3-03-005 Primary Copper Smelting</i></b>																
30300526	Dryer with Electric Furnace and Cleaning Furnace and Converter	1.46E+02	252	1.73E+01	389	1.00E+00	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300527	Dryer with Flash Furnace and Converter	1.50E+02	252	4.80E+00	253	1.00E+00	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300529	Multiple Hearth Roaster with Reverberatory Furnace and Converter	1.31E+02	252	1.90E+01	389	2.80E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300530	Fluid Bed Roaster with Electric Furnace and Converter	1.36E+02	252	1.91E+01	389	6.00E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300531	Reverberatory Furnace After Multiple Hearth Roaster	5.00E+01	252	1.35E+01	253	1.80E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300532	Reverberatory Furnace After Fluid Bed Roaster	5.00E+01	252	1.35E+01	253	1.60E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300533	Electric Furnace After Concentrate Dryer	1.00E+02	252	5.80E+01	253	2.40E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300534	Flash Furnace After Concentrate Dryer	1.40E+02	252	8.30E+01	253	8.20E+02	252	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30300535	Electric Furnace After Fluid Bed Roaster	---	---	5.80E+01	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
<b><i>3-03-006 Ferroalloy, Open Furnace</i></b>																
30300601	50% FeSi: Electric Smelting Furnace	7.00E+01	1390	4.40E+01	1390	7.00E-02	252	1.00E-01	611	4.50E+00	252	---	---	2.90E-01	252	Lb/Tons Produced
30300602	75% FeSi: Electric Smelting Furnace	3.16E+02	1390	1.99E+02	253	7.00E-02	252	1.00E-01	611	---	---	---	---	---	---	Lb/Tons Produced
30300603	90% FeSi: Electric Smelting Furnace	5.64E+02	1390	3.55E+02	253	7.00E-02	252	1.00E-01	611	---	---	---	---	---	---	Lb/Tons Produced
30300604	Silicon Metal: Electric Smelting Furnace	8.72E+02	1390	7.50E+02	1390	7.00E-02	252	1.00E-01	611	7.18E+01	252	---	---	3.10E-03	252	Lb/Tons Produced
30300605	Silicomanganese: Electric Smelting Furnace	1.92E+02	1390	1.77E+02	1390	---	---	1.00E-01	611	---	---	---	---	5.70E-03	492	Lb/Tons Produced
30300606	80% Ferromanganese	2.80E+01	1390	2.40E+01	1390	---	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
30300607	80% Ferrochromium	1.57E+02	1390	1.43E+02	1390	---	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
30300610	Ore Screening	---	---	---	---	---	---	0.00E+00	551	0.00E+00	437	---	---	---	---	Lb/Tons Processed
30300613	Raw Material Storage	---	---	---	---	---	---	---	---	0.00E+00	437	---	---	---	---	Lb/Tons Processed
30300614	Raw Material Transfer	---	---	---	---	---	---	---	---	0.00E+00	437	---	---	---	---	Lb/Tons Processed
30300615	Ferromanganese: Blast Furnace	---	---	---	---	---	---	---	---	1.60E+01	252	---	---	---	---	Lb/Tons Produced
30300616	Ferrosilicon: Blast Furnace	---	---	---	---	---	---	---	---	1.60E+01	606	---	---	---	---	Lb/Tons Produced
30300617	Cast House	---	---	---	---	---	---	---	---	2.80E+00	607	---	---	---	---	Lb/Tons Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>3-03-007 Semi-covered Furnace</i></b>																
30300701	Ferromanganese: Electric Arc Furnace	1.20E+01	090	1.08E+01	634	1.00E-02	252	1.00E-01	611	1.40E+00	252	---	---	1.10E-01	252	Lb/Tons Produced
30300703	Ferrochromium: Electric Arc Furnace	---	---	---	---	---	---	---	---	8.20E+00	252	---	---	---	---	Lb/Tons Produced
30300704	Ferrochromium Silicon: Electric Arc Furnace	---	---	---	---	---	---	---	---	8.20E+00	252	---	---	---	---	Lb/Tons Produced
<b><i>3-03-008 Iron Production (See 3-03-015 for Integrated Iron &amp; Steel MACT)</i></b>																
30300801	Ore Charging	---	---	4.18E+01	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons Iron Produced
30300802	Agglomerate Charging	---	---	1.52E+01	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons Iron Produced
30300804	Loader: Hi-Silt	2.60E-02	252	1.30E-02	655	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Slag Transferred
30300805	Loader: Low-Silt	8.80E-03	252	4.40E-03	636	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Slag Transferred
30300808	Slag Crushing and Sizing	---	---	---	---	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons Processed
30300809	Slag Removal and Dumping	---	---	---	---	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons Processed
30300812	Raw Material Transfer/Handling	---	---	---	---	---	---	---	---	0.00E+00	446	---	---	---	---	Lb/Tons Produced
30300813	Windbox	1.11E+01	252	1.67E+00	252	---	---	3.00E-01	---	1.40E+00	---	4.47E+01	252	---	---	Lb/Tons Produced
30300814	Discharge End	6.80E+00	252	1.02E+00	253	---	---	---	---	0.00E+00	505	---	---	---	---	Lb/Tons Produced
30300815	Sinter Breaker	---	---	---	---	---	---	---	---	0.00E+00	505	---	---	---	---	Lb/Tons Produced
30300816	Hot Screening	---	---	---	---	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons Produced
30300817	Cooler	---	---	4.50E-01	253	1.40E-01	348	0.00E+00	---	0.00E+00	---	---	---	---	---	Lb/Tons Produced
30300818	Cold Screening	---	---	---	---	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons Produced
30300819	Sinter Process (Combined Code includes 15,16,17,18)	---	---	1.20E-01	253	---	---	---	---	5.00E-02	346	---	---	---	---	Lb/Tons Produced
30300820	Sinter Conveyor: Transfer Station	---	---	2.00E-02	189	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Sinter Transferred
30300821	Unload Ore, Pellets, Limestone, into Blast Furnace	2.40E-03	252	1.20E-03	637	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Ore Transferred
30300822	Raw Material Stockpile: Ore, Pellets, Limestone, Coke, Sinter	---	---	---	---	---	---	---	---	4.80E+00	449	---	---	---	---	Lb/Tons Processed
30300823	Charge Materials: Transfer/Handling	---	---	---	---	---	---	---	---	0.00E+00	553	---	---	---	---	Lb/Tons Processed
30300824	Blast Heating Stoves	---	---	---	---	---	---	---	---	1.00E-02	503	---	---	---	---	Lb/Tons Processed
30300825	Cast House	6.00E-01	252	3.10E-01	---	3.00E+00	252	3.00E-02	252	2.80E+00	594	---	---	---	---	Lb/Tons Processed
30300826	Blast Furnace Slips	8.70E+01	252	3.30E+01	253	---	---	---	---	0.00E+00	553	---	---	---	---	Lb/Number of Slips
30300827	Lump Ore Unloading	3.00E-04	252	2.00E-04	638	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Ore Transferred
30300831	Unpaved Roads: LDV	1.80E+00	252	1.00E+00	252	0.00E+00	450	0.00E+00	450	0.00E+00	450	0.00E+00	450	---	---	Lb/Vehicle-Miles Travelled
30300832	Unpaved Roads: MDV	7.30E+00	252	4.10E+00	252	0.00E+00	450	0.00E+00	450	0.00E+00	450	0.00E+00	450	---	---	Lb/Vehicle-Miles Travelled
30300833	Unpaved Roads: HDV	1.40E+01	252	7.60E+00	252	0.00E+00	450	0.00E+00	450	0.00E+00	450	0.00E+00	450	---	---	Lb/Vehicle-Miles Travelled

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-03-008 Iron Production (See 3-03-015 for Integrated Iron &amp; Steel MACT)</u></b>																
30300834	Paved Roads: All Vehicle Types	7.80E-01	252	4.40E-01	252	0.00E+00	450	0.00E+00	450	0.00E+00	450	0.00E+00	450	---	---	Lb/Vehicle-Miles Travelled
<b><u>3-03-009 Steel Manufacturing (See 3-03-015 for Integrated Iron &amp; Steel MACT)</u></b>																
30300901	Open Hearth Furnace: Stack	2.11E+01	352	1.75E+01	352	2.80E+00	322	---	---	1.70E-01	252	---	---	---	---	Lb/Tons Produced
30300904	Electric Arc Furnace: Alloy Steel (Stack)	1.13E+01	252	6.55E+00	252	7.00E-02	322	2.00E-01	322	3.50E-01	252	1.80E+01	252	---	---	Lb/Tons Produced
30300906	Charging: Electric Arc Furnace	---	---	---	---	---	---	---	---	1.00E-03	439	---	---	---	---	Lb/Tons Produced
30300907	Tapping: Electric Arc Furnace	---	---	---	---	---	---	---	---	5.00E-03	324	---	---	---	---	Lb/Tons Produced
30300908	Electric Arc Furnace: Carbon Steel (Stack)	9.35E-03 *	1153	2.20E+01	252	7.00E-02	322	2.00E-01	322	3.50E-01	252	1.80E+01	252	4.00E-02	198	Lb/Tons Produced
	<i>lb/lb material charged</i>															
30300910	Pickling	---	---	---	---	0.00E+00	252	1.83E+02	252	1.83E+02	252	---	---	---	---	Lb/Tons Produced
30300911	Soaking Pits	---	---	3.00E-02	639	0.00E+00	418	0.00E+00	418	5.90E-01	326	---	---	---	---	Lb/Tons Produced
30300912	Grinding	0.00E+00	327	0.00E+00	327	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons Produced
30300913	Basic Oxygen Furnace: Open Hood-Stack	2.85E+01	252	1.31E+01	252	---	---	8.00E-02	406	1.00E-03	---	1.38E+02	---	---	---	Lb/Tons Produced
30300914	Basic Oxygen Furnace: Closed Hood-Stack	2.85E+01	390	1.31E+01	252	---	---	---	---	1.00E-03	---	1.38E+02	---	---	---	Lb/Tons Produced
30300915	Hot Metal (Iron) Transfer to Steelmaking Furnace	1.90E-01	252	9.00E-02	252	---	---	---	---	1.00E-03	439	---	---	---	---	Lb/Tons Produced
30300916	Charging: BOF	6.00E-01	252	3.40E-01	252	---	---	---	---	1.00E-03	252	---	---	---	---	Lb/Tons Produced
30300917	Tapping: BOF	9.20E-01	252	4.60E-01	252	---	---	2.00E-02	263	5.00E-03	324	---	---	---	---	Lb/Tons Produced
30300918	Charging: Open Hearth	---	---	---	---	---	---	---	---	1.00E-03	439	---	---	---	---	Lb/Tons Produced
30300919	Tapping: Open Hearth	---	---	---	---	---	---	---	---	2.00E-03	494	---	---	---	---	Lb/Tons Produced
30300920	Hot Metal Desulfurization	---	---	2.20E-01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Processed
30300921	Teeming (Unleaded Steel)	7.00E-02	252	3.00E-02	252	---	---	---	---	2.00E-03	506	---	---	---	---	Lb/Tons Produced
30300922	Continuous Casting	---	---	---	---	---	---	5.00E-02	329	0.00E+00	486	---	---	---	---	Lb/Tons Produced
30300923	Steel Furnace Slag Tapping and Dumping	---	---	9.00E-01	640	---	---	---	---	2.00E-03	494	---	---	---	---	Lb/Tons Produced
30300924	Steel Furnace Slag Processing	---	---	2.90E-01	641	---	---	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons Produced
30300925	Teeming (Leaded Steel)	8.10E-01	252	3.60E-01	252	---	---	---	---	2.00E-03	328	---	---	---	---	Lb/Tons Produced
30300932	Scarfing	1.00E-01	252	1.00E-01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
30300933	Reheat Furnaces	---	---	8.00E-02	642	---	---	8.00E-01	595	1.00E-02	110	---	---	---	---	Lb/Tons Produced
30300934	Heat Treating Furnaces: Annealing	---	---	---	---	---	---	1.00E-01	595	---	---	---	---	---	---	Lb/Tons Produced
30300936	Coating: Tin, Zinc, etc.	---	---	---	---	---	---	1.90E+00	263	7.00E-02	322	---	---	---	---	Lb/Tons Produced
<b><u>3-03-010 Lead Production</u></b>																
30301001	Sintering: Single Stream	1.06E+02	559	2.08E+02	252	2.75E+02	252	---	---	---	---	---	---	1.05E+02	---	Lb/Tons of Concentrated Ore Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-03-010 Lead Production</u></b>																
30301002	Blast Furnace Operation	1.80E+02	612	3.21E+02	252	2.25E+01		---		---		---		1.00E-04 *	241	Lb/Tons of Concentrated Ore Processed <small>lb/ton lead produced</small>
30301003	Dross Reverberatory Furnace	2.00E+01	252	1.96E+01	252	0.00E+00	252	---		---		---		2.90E+00		Lb/Tons of Concentrated Ore Processed
30301004	Ore Crushing	6.00E+00	252	---		0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	3.00E-01	252	Lb/Tons of Ore Crushed
30301005	Materials Handling (Includes 11, 12, 13, 04, 14)	5.00E+00	252	4.25E+00	253	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Lead Product
30301006	Sintering: Dual Stream Feed End	2.13E+02	559	1.81E+02	253	5.50E+02	559	---		---		---		1.74E+02	252	Lb/Tons of Concentrated Ore Processed
30301008	Slag Fume Furnace	4.60E+00	252	1.29E+00	253	2.90E+00	440	---		---		---		---		Lb/Tons of Lead Product
30301009	Lead Dressing	4.80E-01	252	4.70E-01	253	---		---		---		---		---		Lb/Tons of Lead Product
30301010	Raw Material Crushing and Grinding	2.26E+00	252	8.50E-01	253	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Processed
30301011	Raw Material Unloading	---		3.40E-01	253	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Raw Material
30301012	Raw Material Storage Piles	---		2.60E-01	253	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Raw Material
30301013	Raw Material Transfer	---		4.30E-01	253	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Raw Material
30301014	Sintering Charge Mixing	---		1.90E+00	253	---		---		---		---		---		Lb/Tons of Raw Material
30301015	Sinter Crushing/Screening	---		1.20E-01	253	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Sinter
30301016	Sinter Transfer	---		1.50E-02	253	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Sinter
30301017	Sinter Fines Return Handling	---		4.80E+00	253	---		---		0.00E+00	446	---		---		Lb/Tons of Sinter
30301018	Blast Furnace Charging	---		---		---		---		0.00E+00	446	---		---		Lb/Tons of Lead Product
30301019	Blast Furnace Tapping (Metal and Slag)	---		7.00E-02	253	---		---		0.00E+00	446	---		---		Lb/Tons of Lead Product
30301020	Blast Furnace Lead Pouring	9.30E-01	252	9.30E-01	253	---		---		---		---		---		Lb/Tons of Lead Product
30301021	Blast Furnace Slag Pouring	4.70E-01	252	1.30E-01	253	---		---		---		---		---		Lb/Tons of Lead Product
30301022	Lead Refining/Silver Retort	1.80E+00	252	1.76E+00	253	0.00E+00	441	0.00E+00	441	0.00E+00	441	---		---		Lb/Tons of Lead Product
30301023	Lead Casting	8.70E-01	252	8.50E-01	253	---		---		---		---		---		Lb/Tons of Lead Product
30301024	Reverberatory or Kettle Softening	3.00E+00	252	2.94E+00	253	---		---		---		---		---		Lb/Tons of Lead Product
30301025	Sinter Machine Leakage	6.80E-01	252	6.70E-01	253	---		---		---		---		---		Lb/Tons of Sinter
30301026	Sinter Dump Area	1.00E-02	252	8.00E-04	253	---		---		---		---		---		Lb/Tons of Sinter
30301029	Sinter Machine (Weak Gas)	---		---		5.50E+02	1091	---		---		---		---		Lb/Tons Sinter Produced
<b><u>3-03-011 Molybdenum</u></b>																
30301101	Mining: General	---		---		0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---		Lb/100 Tons Mined
30301102	Milling: General	---		---		0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---		Lb/100 Tons Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-03-012 Titanium</u></b>																
30301201	Chlorination	---		---		0.00E+00	553	0.00E+00	553	---		---		---		Lb/Tons Product
30301202	Drying Titanium Sand Ore (Cyclone Exit)	5.00E-01	252	4.30E-01	251	---		---		---		---		---		Lb/Tons of Ore Processed
<b><u>3-03-014 Barium Ore Processing</u></b>																
30301401	Ore Grinding	---		---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Processed
<b><u>3-03-023 Taconite Iron Ore Processing</u></b>																
30302301	Primary Crushing	2.00E-01	252	---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302302	Fines Crushing	7.98E+01	252	---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302303	Ore Screening	---		---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302304	Ore Transfer	1.00E-01	252	8.50E-02	251	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302305	Ore Storage	---		---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302306	Dry Grinding/Milling	---		---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302307	Bentonite Storage	4.00E-02		3.00E-02	251	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302308	Bentonite Blending	2.20E-01	252	---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302309	Traveling Grate Feed	6.40E-01	252	---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302310	Traveling Grate Discharge	1.32E+00	252	---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302311	Chip Regrinding	---		---		0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302312	Indurating Furnace: Gas Fired	2.92E+01	252	2.48E+01	252	---		---		---		---		---		Lb/Tons Pellets Produced
30302313	Indurating Furnace: Oil Fired	2.92E+01	252	2.48E+01	252	---		---		---		---		---		Lb/Tons Pellets Produced
30302314	Indurating Furnace: Coal Fired	2.92E+01	252	2.48E+01	251	---		---		---		---		---		Lb/Tons Pellets Produced
30302315	Pellet Cooler	---		---		0.00E+00	609	0.00E+00	609	0.00E+00	609	---		---		Lb/Tons Pellets Produced
30302316	Pellet Transfer	3.40E+00	252	1.50E+00	641	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons Pellets Produced
30302321	Haul Road: Rock	1.10E+01	252	6.20E+00	251	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---		Lb/Vehicle-Miles Travelled
30302322	Haul Road: Taconite	9.30E+00	252	5.20E+00	251	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---		Lb/Vehicle-Miles Travelled
<b><u>3-03-024 Metal Mining (General Processes)</u></b>																
30302401	Primary Crushing: Low Moisture Ore	5.00E-01	1413	5.00E-02	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Ore Processed
30302402	Secondary Crushing: Low Moisture Ore	1.20E+00	1413	1.00E-01	251	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Ore Processed
30302403	Tertiary Crushing: Low Moisture Ore	2.70E+00	1413	1.60E-01	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Ore Processed
30302404	Material Handling: Low Moisture Ore	1.20E-01	1413	6.00E-02	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Ore Processed
30302405	Primary Crushing: High Moisture Ore	2.00E-02	1413	9.00E-03	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Ore Processed
30302406	Secondary Crushing: High Moisture Ore	5.00E-02	1413	2.00E-02	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---		---		Lb/Tons of Ore Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>3-03-024 Metal Mining (General Processes)</i></b>																
30302407	Tertiary Crushing: High Moisture Ore	6.00E-02	1413	2.00E-02	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons of Ore Processed
30302408	Material Handling: High Moisture Ore	1.00E-02	1413	4.00E-03	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons of Ore Processed
30302409	Dry Grinding with Air Conveying	2.88E+01	1413	2.60E+01	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons of Ore Processed
30302410	Dry Grinding without Air Conveying	2.40E+00	1413	3.10E-01	1413	0.00E+00	328	0.00E+00	328	0.00E+00	328	---	---	---	---	Lb/Tons of Ore Processed
30302411	Ore Drying	1.97E+01	1413	1.20E+01	1413	0.00E+00	328	1.60E+00	328	4.00E-03	328	---	---	---	---	Lb/Tons of Ore Processed
<b><i>3-03-030 Zinc Production</i></b>																
30303002	Multiple Hearth Roaster	2.27E+02	1392	1.59E+02	645	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30303003	Sinter Strand	1.25E+02	1392	8.90E+01	646	6.40E-01	468	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30303005	Vertical Retort/Electrothermal Furnace	1.43E+01	1392	9.30E+01	647	1.13E+00	469	---	---	---	---	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30303006	Electrolytic Processor	6.60E+00	1392	3.00E+00	648	---	---	0.00E+00	473	0.00E+00	473	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30303007	Flash Roaster	2.00E+03	1392	1.84E+03	649	4.04E+02	470	---	---	0.00E+00	470	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30303008	Fluid Bed Roaster	2.16E+03	1392	1.99E+03	650	2.23E+02	470	---	---	0.00E+00	470	---	---	---	---	Lb/Tons of Concentrated Ore Processed
30303009	Raw Material Handling and Transfer	---	---	3.40E+00	253	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons Raw Material Processed
30303010	Sinter Breaking and Cooling	---	---	1.30E+00	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons Sinter Processed
30303011	Zinc Casting	1.35E+00	560	2.10E+00	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons Zinc Produced
30303012	Raw Material Unloading	4.00E-01	---	2.30E-01	253	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	1.30E-01	---	Lb/Tons Raw Material Processed
30303014	Crushing/Screening	---	---	---	---	0.00E+00	553	0.00E+00	553	0.00E+00	553	0.00E+00	553	---	---	Lb/Tons of Concentrated Ore Processed
30303025	Sinter Plant, Wind Box: Fugitive Emissions	4.30E-01	1392	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30303026	Sinter Plant, Discharge Screens: Fugitive Emissions	9.40E-01	1392	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30303027	Retort Building: Fugitive Emissions	1.00E+00	1392	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30303028	Casting: Fugitive Emissions	2.52E+00	1392	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30303029	Electric Retort	2.00E+01	1392	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Zinc Ore Processed
<b><i>3-03-031 Leadbearing Ore Crushing and Grinding</i></b>																
30303101	Lead Ore w/ 5.1% Lead Content	6.00E+00	1401	---	---	---	---	---	---	---	---	---	---	3.00E-01	1403	Lb/Tons Ore Processed
30303102	Zinc Ore w/ 0.2% Lead Content	6.00E+00	1401	---	---	---	---	---	---	---	---	---	---	1.20E-02	1403	Lb/Tons Ore Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-03-031 Leadbearing Ore Crushing and Grinding</u></b>																
30303103	Copper Ore w/ 0.2% Lead Content	6.40E+00	1403	---	---	---	---	---	---	---	---	---	---	1.20E-02	1403	Lb/Tons Ore Processed
30303104	Lead-Zinc Ore w/ 2% Lead Content	6.00E+00	1403	---	---	---	---	---	---	---	---	---	---	1.20E-01	1403	Lb/Tons Ore Processed
30303105	Copper-Lead Ore w/ 2% Lead Content	6.40E+00	1403	---	---	---	---	---	---	---	---	---	---	1.20E-01	1403	Lb/Tons Ore Processed
30303106	Copper-Zinc Ore w/ 0.2% Lead Content	6.40E+00	1403	---	---	---	---	---	---	---	---	---	---	1.20E-02	1403	Lb/Tons Ore Processed
30303107	Copper-Lead-Zinc w/ 2% Lead Content	6.40E+00	1403	---	---	---	---	---	---	---	---	---	---	1.20E-01	1403	Lb/Tons Ore Processed
<b><u>3-03-900 Fuel Fired Equipment</u></b>																
30390001	Distillate Oil (No. 2): Process Heaters	---	---	---	---	1.43E+02	252	2.00E+01	252	2.00E-01	380	---	---	---	---	Lb/1000 Gallons Burned
30390002	Residual Oil: Process Heaters	---	---	---	---	1.58E+02	252	5.50E+01	252	2.80E-01	380	---	---	---	---	Lb/1000 Gallons Burned
30390003	Natural Gas: Process Heaters	---	---	---	---	6.00E-01	252	1.40E+02	252	2.80E+00	380	---	---	---	---	Lb/Million Cubic Feet Burned
30390004	Process Gas: Process Heaters	---	---	---	---	---	---	---	---	2.80E+00	380	---	---	---	---	Lb/Million Cubic Feet Burned
30390011	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	---	---	---	3.40E-01	351	---	---	---	---	Lb/1000 Gallons Burned
30390012	Residual Oil: Incinerators	---	---	---	---	---	---	---	---	5.60E-01	252	---	---	---	---	Lb/1000 Gallons Burned
30390013	Natural Gas: Incinerators	---	---	---	---	---	---	---	---	5.60E+00	252	---	---	---	---	Lb/Million Cubic Feet Burned
30390014	Process Gas: Incinerators	---	---	---	---	---	---	---	---	5.60E+00	351	---	---	---	---	Lb/Million Cubic Feet Burned
30390023	Natural Gas: Flares	---	---	---	---	---	---	---	---	5.60E+00	351	---	---	---	---	Lb/Million Cubic Feet Burned
30390024	Process Gas: Flares	---	---	---	---	---	---	---	---	5.60E+00	351	---	---	---	---	Lb/Million Cubic Feet Burned
<b><u>3-04 SECONDARY METAL PRODUCTION</u></b>																
<b><u>3-04-001 Aluminum</u></b>																
30400101	Sweating Furnace	1.45E+01 * 1393	1.33E+01	552	2.00E-02	528	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
	lb/ton metal processed															
30400102	Smelting Furnace/Crucible	1.90E+00 * 1393	1.70E+00	352	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons of Metal Produced
	lb/ton metal processed															
30400103	Smelting Furnace/Reverberatory	4.30E+00 * 1393	2.60E+00	252	---	---	---	---	---	2.00E-01	394	---	---	---	---	Lb/Tons of Metal Produced
	lb/ton metal processed															
30400104	Fluxing: Chlorination	1.00E+03	1393	5.32E+02	252	0.00E+00	551	---	---	---	---	0.00E+00	553	---	---	Lb/Tons of Chlorine Used
30400105	Fluxing: Fluoridation	---	---	---	---	0.00E+00	498	---	---	---	---	---	---	---	---	Lb/Tons of Metal Produced
30400106	Degassing	---	---	---	---	0.00E+00	561	---	---	---	---	---	---	---	---	Lb/Tons of Metal Produced
30400108	Crushing/Screening	---	---	---	---	0.00E+00	252	0.00E+00	252	---	---	0.00E+00	252	---	---	Lb/Tons of Metal Produced
30400109	Burning/Drying	---	---	---	---	2.90E+00	579	9.00E-01	555	---	---	---	---	---	---	Lb/Tons of Metal Produced
30400110	Foil Rolling	---	---	---	---	---	---	---	---	---	---	0.00E+00	551	---	---	Lb/Tons Product

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>3-04-001 Aluminum</b>																
30400111	Foil Converting	---		---		---		---		2.40E+00	456	0.00E+00	553	---		Lb/Tons Produced
30400114	Pouring/Casting	---		---		2.00E-02	252	1.00E-02	252	1.40E-01	252	---		---		Lb/Tons of Metal Charged
30400120	Can Manufacture	---		---		---		7.00E-01	252	---		---		---		Lb/Tons Produced
<b>3-04-002 Copper</b>																
30400204	Electric Induction Furnace **	2.00E+01		---		---		---		---		---		---		Lb/Tons of Charge
30400207	Scrap Dryer (Rotary)	---		2.53E+02	252	---		---		---		---		---		Lb/Tons of Charge
30400208	Wire Burning: Incinerator	---		2.53E+02	252	1.28E+01	252	---		6.00E-01	252	---		---		Lb/Tons of Charge
30400210	Charge with Scrap Copper: Cupolas	3.00E-04	252	2.70E-04	252	---		---		1.80E-01	252	---		---		Lb/Tons of Charge
30400211	Charge with Insulated Copper Wire: Cupolas	2.30E+02	* 1394	2.11E+02	* 1394	---		---		6.00E-01	335	---		---		Lb/Tons of Coke-Free Charge
		lb/ton ore processed		lb/ton ore processed												
30400212	Charge with Scrap Copper And Brass: Cupolas	7.00E+01	1394	6.44E+01	1394	---		---		1.80E-01	252	---		---		Lb/Tons of Charge
30400213	Charge with Scrap Iron: Cupolas	3.00E-03	1394	---		---		---		---		---		---		Lb/Tons Ore Processed
30400214	Charge with Copper: Reverberatory Furnace	5.10E+00	1394	5.10E+00	1394	---		---		2.00E-01	499	---		---		Lb/Tons of Charge
30400215	Charge with Brass and Bronze: Reverberatory Furnace	3.60E+01	1394	2.12E+01	1394	---		---		2.00E-01	499	---		---		Lb/Tons of Charge
30400217	Charge with Brass and Bronze: Rotary Furnace	3.00E+02	1394	1.77E+02	1394	---		---		2.40E+00	252	---		---		Lb/Tons of Charge
30400219	Charge with Brass and Bronze: Crucible and Pot Furnace	2.10E+01	1394	1.24E+01	1394	5.00E-01	252	---		---		---		---		Lb/Tons of Charge
30400220	Charge with Copper: Electric Arc Furnace	5.00E+00	1394	5.00E+00	1394	---		---		---		---		---		Lb/Tons of Charge
30400221	Charge with Brass and Bronze: Electric Arc Furnace	1.10E+01	1394	6.50E+00	1394	---		---		---		---		---		Lb/Tons of Charge
30400223	Charge with Copper: Electric Induction	7.00E+00	1394	7.00E+00	1394	---		---		---		---		---		Lb/Tons of Charge
30400224	Charge with Brass and Bronze: Electric Induction	2.00E+01	1394	2.00E+01	1394	---		---		---		---		---		Lb/Tons of Charge
30400230	Scrap Metal Pretreatment	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge
30400231	Scrap Dryer	---		8.20E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge
30400232	Wire Incinerator	---		8.20E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge
30400233	Sweating Furnace	---		4.50E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge
30400234	Cupola Furnace	---		2.20E+00	1394	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge
30400235	Reverberatory Furnace	---		3.10E+00	1394	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge
30400236	Rotary Furnace	---		2.60E+00	1394	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge
30400237	Crucible Furnace	---		2.90E-01	1394	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge
30400238	Electric Induction Furnace	---		4.00E-02	1394	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Charge



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-04-002 Copper</u></b>																
30400239	Casting Operations	---		1.50E-02	252	---		---		---		---		---		Lb/Tons of Castings Produced
30400242	Charge with Other Alloy (7%): Reverberatory Furnace	---		---		---		---		---		---		5.00E+00 *	1394	Lb/Tons Ore Processed
														lb/ton product produced		
30400243	Charge with High Lead Alloy (58%): Reverberatory Furnace	---		---		---		---		---		---		5.00E+01 *	1394	Lb/Tons Ore Processed
														lb/ton product produced		
30400244	Charge with Red/Yellow Brass: Reverberatory Furnace	---		---		---		---		---		---		1.32E+01 *	1394	Lb/Tons Ore Processed
														lb/ton product produced		
<b><u>3-04-003 Grey Iron Foundries</u></b>																
30400301	Cupola	1.38E+01 *	1395	1.24E+01 *	1395	1.25E+00	252	1.00E-01		1.80E-01	252	1.45E+02 *	1395	5.00E-01 *	1395	Lb/Tons of Metal Charged
		lb/ton gray iron produced		lb/ton metal produced								lb/ton gray iron produced		lb/ton gray iron		
30400302	Reverberatory Furnace	2.10E+00 *	1395	1.70E+00	252	1.80E+02		5.80E+00		1.50E-01		0.00E+00		6.40E-02 *	1395	Lb/Tons of Metal Charged
		lb/ton gray iron produced												lb/ton gray iron		
30400303	Electric Induction Furnace	9.00E-01 *	1395	8.60E-01	252	---		0.00E+00		0.00E+00	252	0.00E+00	252	4.55E-02 *	1395	Lb/Tons of Metal Charged
		lb/ton gray iron produced												lb/ton gray iron		
30400304	Electric Arc Furnace	1.27E+01 *	1395	1.16E+01 *	1395	2.40E-01	556	2.80E-01 *	1395	1.20E-01 *	1395	1.80E+01 *	1395	7.00E+00 *	184	Lb/Tons of Metal Charged
		lb/ton gray iron produced		lb/ton metal produced				lb/ton gray iron produced		lb/ton gray iron produced		lb/ton gray iron produced		lb/ton iron produced		
30400305	Annealing Operation	---		---		---		1.00E+00	252	1.00E-01	252	---		---		Lb/Tons Processed
30400310	Inoculation	4.00E+00	252	---		---		---		5.00E-03	252	---		---		Lb/Tons of Metal Inoculated
30400315	Charge Handling	6.00E-01 *	1395	3.60E-01	252	---		---		---		---		---		Lb/Tons of Metal Charged
		lb/ton gray iron produced														
30400318	Pouring, Cooling	4.20E+00	1395	2.06E+00	1395	---		---		---		---		---		Lb/Tons Gray Iron Produced
30400319	Core Making, Baking	1.10E+00	1395	---		---		---		---		---		---		Lb/Tons Gray Iron Produced
30400320	Pouring/Casting	4.20E+00	389	2.06E+00	252	2.00E-02	699	1.00E-02	252	1.40E-01	252	---		---		Lb/Tons of Metal Charged
30400321	Magnesium Treatment	1.80E+00	1395	---		---		---		---		---		---		Lb/Tons Gray Iron Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-04-003 Grey Iron Foundries</u></b>																
30400322	Refining	1.00E+00	1395	---		---		---		---		---		---		Lb/Tons Gray Iron Produced
30400325	Castings Cooling	---		1.40E+00	252	---		---		---		---		---		Lb/Tons of Metal Charged
30400331	Casting Shakeout	3.20E+00 *	1395	2.24E+00 *	1395	---		0.00E+00		1.20E+00	252	---		---		Lb/Tons of Metal Charged
		lb/ton gray iron produced		lb/ton metal produced												
30400332	Casting Knock Out	---		---		---		0.00E+00		1.20E+00	252	---		---		Lb/Tons Sand Handled
30400333	Shakeout Machine	---		---		---		---		1.20E+00	252	---		---		Lb/Tons Sand Handled
30400340	Grinding/Cleaning	1.70E+01 *	1395	1.70E+00	252	---		---		---		---		---		Lb/Tons of Metal Charged
		lb/ton gray iron produced														
30400341	Casting Cleaning/Tumblers	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Castings Cleaned
30400342	Casting Cleaning/Chippers	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Castings Cleaned
30400350	Sand Grinding/Handling	3.60E+00	1395	5.40E-01	252	0.00E+00	252	---		0.00E+00	252	---		---		Lb/Tons Sand Handled
30400351	Core Ovens	---		2.22E+00	252	3.80E-02	999	5.00E-01	252	---		---		---		Lb/Tons Sand Handled
30400352	Sand Grinding/Handling	---		6.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Metal Charged
30400353	Core Ovens	---		9.00E-01	252	---		5.00E-01	252	---		---		---		Lb/Tons of Metal Charged
30400354	Core Ovens	---		---		---		5.00E-01	252	---		---		---		Lb/Gallons of Core Oil Used
30400356	Sand Silo	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Sand Handled
30400357	Conveyors/Elevators	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Sand Handled
30400358	Sand Screens	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Sand Handled
30400360	Castings Finishing	---		4.50E-03	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Metal Charged
30400370	Shell Core Machine	---		---		3.20E-01	252	5.00E-01	252	---		---		---		Lb/Tons of Cores Produced
30400371	Core Machines/Other	---		---		---		5.00E-01	252	---		---		---		Lb/Tons of Cores Produced
30400398	Other Not Classified	1.49E+00 *	1166	---		6.30E-02 *	1166	---		---		---		---		Lb/Gallons
		lb/ton raw material processed		lb/ton raw material processed												
<b><u>3-04-004 Lead</u></b>																
30400401	Pot Furnace	---		2.00E-01	252	---		---		---		---		---		Lb/Tons of Metal Charged
30400402	Reverberatory Furnace	3.23E+02 *	1396	1.93E+02	252	8.00E+01	252	3.00E-01	252	---		---		6.50E+01 *	1396	Lb/Tons of Metal Charged
		lb/ton metal produced		lb/ton metal produced										lb/ton metal produced		
30400403	Blast Furnace (Cupola)	3.07E+02 *	1396	1.29E+02	252	5.30E+01	252	1.00E-01	252	---		1.80E+01 *	1165	1.04E+02 *	1396	Lb/Tons of Metal Charged
		lb/ton metal produced		lb/ton metal produced								lb/ton lead produced		lb/ton metal produced		

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-04-004 Lead</u></b>																
30400404	Rotary Sweating Furnace	1.90E+01	1396	6.40E+01	252	---		---		---		---		4.50E+00	* 1396	Lb/Tons of Metal Charged
														4.50E+00		lb/ton metal produced
30400405	Reverberatory Sweating Furnace	5.10E+01	252	3.10E+01	252	---		---		---		---		---		Lb/Tons of Metal Charged
30400406	Pot Furnace Heater: Distillate Oil	---		---		1.43E+02	252	2.00E+01	252	2.00E-01	252	---		---		Lb/1000 Gallons Burned
30400407	Pot Furnace Heater: Natural Gas	---		---		6.00E-01	252	1.00E+02	252	2.80E+00	252	---		---		Lb/Million Cubic Feet Burned
30400408	Barton Process Reactor (Oxidation Kettle)	4.00E+01	1396	4.00E+01	252	---		---		---		---		4.40E-01		Lb/Tons Lead Oxide Produced
30400409	Casting	4.00E-02	1396	8.70E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.00E-02	1396	Lb/Tons of Lead Cast
30400410	Battery Breaking	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons of Metal Charged
30400411	Scrap Crushing	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons of Metal Charged
30400412	Sweating Furnace: Fugitive Emissions	9.50E-01	1396	2.35E+00	252	---		---		0.00E+00	252	---		7.00E-01	1396	Lb/Tons of Metal Charged
30400413	Smelting Furnace: Fugitive Emissions	7.80E+00	* 1396	1.00E+01	252	---		---		0.00E+00	252	---		2.00E-01	* 1396	Lb/Tons of Metal Charged
														2.00E-01		lb/ton lead produced
30400414	Kettle Refining: Fugitive Emissions	2.00E-03	* 1396	2.00E-03	252	---		---		0.00E+00	252	---		6.00E-04	* 1396	Lb/Tons of Metal Charged
														6.00E-04		lb/ton lead produced
30400425	Casting: Fugitive Emissions	2.00E-03	1396	---		---		---		---		---		7.00E-04	1396	Lb/Tons Lead Produced
30400426	Kettle Refining	3.00E-02	1396	---		---		---		---		---		1.00E-02	1396	Lb/Tons Lead Produced
<b><u>3-04-005 Lead Battery Manufacture</u></b>																
30400501	Overall Process **	9.00E-01		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		1.17E+00		Lb/Tons of Batteries Produced
30400502	Casting Furnace **	4.00E-02		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		5.90E-02		Lb/Tons of Batteries Produced
30400503	Paste Mixer **	2.10E-01		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		1.92E-01		Lb/Tons of Batteries Produced
30400504	Three Process Operation **	6.40E-01		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		8.15E-01		Lb/Tons of Batteries Produced
30400505	Overall Process	7.00E+00	1400	1.25E+02	252	---		---		---		---		1.20E+00	1400	Lb/1000 Batteries Produced
30400506	Grid Casting	6.65E-01	1400	2.84E+00	252	---		---		---		---		6.50E-02	1400	Lb/1000 Batteries Produced
30400507	Paste Mixing	1.06E+00	1400	4.32E+00	252	---		---		---		---		6.95E-01	1400	Lb/1000 Batteries Produced
30400508	Lead Oxide Mill (Baghouse Outlet)	1.10E-01	252	8.00E-02		---		---		---		---		1.10E-01	252	Lb/1000 Batteries Produced
30400509	Three Process Operation	3.17E+01	1400	8.40E+01		---		---		---		---		2.00E+00	1400	Lb/1000 Batteries Produced
30400510	Lead Reclaiming Furnace	2.57E+00	1400	1.67E+00	252	---		---		---		---		3.05E-01	1400	Lb/1000 Batteries Produced
30400511	Small Parts Casting	1.90E-01	1400	1.90E-01	252	---		---		---		---		1.00E-01	1400	Lb/1000 Batteries Produced
30400512	Formation	1.50E-01	1400	3.24E+01	252	---		---		---		---		---		Lb/1000 Batteries Produced
30400522	Grid Casting	---		---		---		---		---		---		1.39E-01	193	Lb/Tons Processed
30400523	Paste Mixing	---		---		---		---		---		---		1.72E+00	206	Lb/Tons Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<u>3-04-005 Lead Battery Manufacture</u>																
30400526	Lead Reclaiming Furnace	---		---		---		---		---		---		5.90E+00	193	Lb/Tons Processed
<u>3-04-006 Magnesium</u>																
30400601	Pot Furnace	4.00E+00	1397	3.70E+00	252	---		2.50E+00	252	2.40E+00	252	---		---		Lb/Tons Processed
<u>3-04-007 Steel Foundries</u>																
30400701	Electric Arc Furnace	1.30E+01	252	---		2.40E-01	556	2.00E-01	252	3.50E-01	252	---		---		Lb/Tons Metal Processed
30400702	Open Hearth Furnace	1.10E+01	252	---		---		1.00E-02	252	1.70E-01	252	---		---		Lb/Tons Metal Processed
30400703	Open Hearth Furnace with Oxygen Lance	1.00E+01	252	8.50E+00	252	---		0.00E+00	252	1.70E-01	252	---		---		Lb/Tons Metal Processed
30400704	Heat Treating Furnace	---		---		2.77E+02	699	8.07E+01	699	6.00E-01	399	---		---		Lb/Tons Metal Processed
30400705	Electric Induction Furnace	1.00E-02	1398	9.00E-02	1398	---		0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Metal Processed
30400706	Sand Grinding/Handling	---		5.40E-01	1398	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Sand Processed
30400707	Core Ovens	---		2.22E+00	1398	---		---		---		---		---		Lb/Tons Sand Processed
30400708	Pouring/Casting	2.80E+00	651	2.80E+00	1398	2.00E-02	252	1.00E-02	252	1.40E-01	252	---		---		Lb/Tons Metal Processed
30400709	Casting Shakeout	---		2.62E+01	252	---		---		1.20E+00	252	---		---		Lb/Tons Metal Processed
30400710	Casting Knock Out	---		---		---		---		1.20E+00	252	---		---		Lb/Tons Sand Handled
30400711	Cleaning	---		1.70E+00	1398	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Metal Processed
30400712	Charge Handling	---		3.60E-01	1398	---		---		0.00E+00	252	---		---		Lb/Tons Metal Processed
30400713	Castings Cooling	1.40E+00	111	1.40E+00	1398	---		---		0.00E+00		---		---		Lb/Tons Metal Processed
30400714	Shakeout Machine	---		---		---		---		1.20E+00	252	---		---		Lb/Tons Sand Handled
30400715	Finishing	---		4.50E-03	252	4.76E+01	699	---		1.10E+00	252	---		---		Lb/Tons Metal Processed
30400716	Sand Grinding/Handling	---		6.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Metal Processed
30400717	Core Ovens	---		9.00E-01	252	---		5.00E-01	332	---		---		---		Lb/Tons Metal Processed
30400718	Core Ovens	---		---		---		5.00E-01	332	---		---		---		Lb/Gallons of Core Oil Used
30400721	Sand Silo	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Sand Handled
30400723	Conveyors/Elevators	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Sand Handled
30400724	Sand Screens	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Sand Handled
30400725	Casting Cleaning/Tumblers	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Castings Cleaned
30400726	Casting Cleaning/Chippers	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Castings Cleaned
30400730	Shell Core Machine	---		---		---		5.00E-01	252	---		---		---		Lb/Tons of Cores Produced
30400731	Core Machines/Other	---		---		---		5.00E-01	252	---		---		---		Lb/Tons of Cores Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>3-04-008 Zinc</b>																
30400801	Retort Furnace	4.70E+01	* 1399	4.70E+01	252	---		---		0.00E+00	252	---		---		Lb/Tons Produced
		lb/ton zinc used														
30400802	Horizontal Muffle Furnace	4.50E+01	1399	---		---		---		2.40E+00	252	---		---		Lb/Tons Produced
30400803	Pot Furnace	1.00E-01	1399	9.00E-02	252	---		---		2.40E+00	252	---		---		Lb/Tons Produced
30400805	Galvanizing Kettle	5.00E+00	1399	5.00E+00	252	---		---		0.00E+00	252	---		---		Lb/Tons Zinc Used
30400806	Calcining Kiln	8.90E+01	* 1399	---		1.83E+01	373	---		---		---		---		Lb/Tons Produced
		lb/ton zinc used														
30400809	Rotary Sweat Furnace	7.00E+00	* 1399	1.66E+01	252	---		---		2.40E+00	252	---		---		Lb/Tons Produced
		lb/ton zinc used														
30400810	Muffle Sweat Furnace	1.06E+01	* 1399	1.97E+01	252	---		---		2.40E+00	252	---		---		Lb/Tons Produced
		lb/ton zinc used														
30400811	Electric Resistance Sweat Furnace	1.00E+01	* 1399	1.00E+01	252	---		---		2.40E+00	252	---		---		Lb/Tons Produced
		lb/ton zinc used														
30400812	Crushing/Screening of Zinc Residues	4.25E+00	1399	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Residues/Skimnings Processed
30400814	Kettle-Sweat Furnace: Clean Metallic Scrap	---		0.00E+00	252	---		---		0.00E+00	252	---		---		Lb/Tons Produced
30400818	Reverberatory Sweat Furnace: Clean Metallic Scrap	---		0.00E+00	252	---		---		0.00E+00	252	---		---		Lb/Tons Produced
30400824	Kettle-Sweat Furnace: General Metallic Scrap	1.10E+01	* 1399	1.10E+01	252	---		---		2.40E+00	252	---		---		Lb/Tons Produced
		lb/ton zinc used														
30400828	Reverberatory Sweat Furnace: General Metallic Scrap	1.30E+01	* 1399	1.30E+01	252	---		---		2.40E+00	252	---		---		Lb/Tons Produced
		lb/ton feed material														
30400834	Kettle-Sweat Furnace: Residual Metallic Scrap	2.50E+01	* 1399	1.50E+01	252	---		---		2.40E+00	252	---		---		Lb/Tons Produced
		lb/ton zinc used														
30400838	Reverberatory Sweat Furnace: Residual Metallic Scrap	3.20E+01	* 1399	1.90E+01	252	---		---		2.40E+00	370	---		---		Lb/Tons Produced
		lb/ton feed material														
30400840	Alloying	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Produced
30400841	Scrap Melting: Crucible	---		---		---		---		2.50E+00	252	---		---		Lb/Tons Produced
30400842	Scrap Melting: Reverberatory Furnace	---		---		---		---		2.00E-01	499	---		---		Lb/Tons Produced
30400843	Scrap Melting: Electric Induction Furnace	---		---		---		---		1.80E-01	252	---		---		Lb/Tons Produced
30400851	Retort and Muffle Distillation: Pouring	2.00E-01	1399	6.00E-01	252	---		---		---		---		---		Lb/Tons Produced
30400852	Retort and Muffle Distillation: Casting	1.00E-01	1399	3.00E-01	252	---		---		---		---		---		Lb/Tons Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-04-008 Zinc</u></b>																
30400854	Retort Distillation/Oxidation	1.00E+01	1399	3.00E+01	252	2.09E+01	699	---	---	0.00E+00	252	---	---	---	---	Lb/Tons of Zinc Oxide Produced
30400855	Muffle Distillation/Oxidation	1.00E+01	1399	3.00E+01	252	4.02E+01	699	---	---	0.00E+00	252	---	---	---	---	Lb/Tons of Zinc Oxide Produced
30400861	Reverberatory Sweating	1.30E+00	1399	7.80E-01	252	---	---	---	---	2.40E+00	252	---	---	---	---	Lb/Tons Produced
30400862	Rotary Sweating	9.00E-01	1399	5.40E-01	252	---	---	---	---	2.40E+00	252	---	---	---	---	Lb/Tons Produced
30400863	Muffle Sweating	1.07E+00	1399	6.40E-01	252	---	---	---	---	2.40E+00	252	---	---	---	---	Lb/Tons Produced
30400864	Kettle (Pot) Sweating	5.60E-01	1399	3.40E-01	252	---	---	---	---	2.40E+00	252	---	---	---	---	Lb/Tons Produced
30400865	Electric Resistance Sweating	5.00E-01	1399	5.00E-01	252	---	---	---	---	2.40E+00	252	---	---	---	---	Lb/Tons Scrap Processed
		lb/ton product														
30400866	Sodium Carbonate Leaching	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---	---	Lb/Tons Produced
30400867	Kettle (Pot) Melting Furnace	5.00E-03	1399	5.00E-03	252	---	---	---	---	2.40E+00	252	---	---	---	---	Lb/Tons Produced
30400868	Crucible Melting Furnace	5.00E-03	1399	5.00E-03	252	---	---	---	---	2.50E+00	252	---	---	---	---	Lb/Tons Produced
30400869	Reverberatory Melting Furnace	5.00E-03	1399	5.00E-03	252	---	---	---	---	2.00E-01	499	---	---	---	---	Lb/Tons Produced
30400870	Electric Induction Melting Furnace	5.00E-03	1399	5.00E-03	252	---	---	---	---	1.80E-01	252	---	---	---	---	Lb/Tons Produced
30400871	Alloying Retort Distillation	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons Produced
30400872	Retort and Muffle Distillation	2.36E+00	1399	2.36E+00	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
30400873	Casting	1.50E-02	1399	1.50E-02	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Produced
30400874	Graphite Rod Distillation	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons Produced
30400875	Retort Distillation/Oxidation	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons Produced
30400876	Muffle Distillation/Oxidation	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons Produced
30400877	Retort Reduction	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons Produced
<b><u>3-04-009 Malleable Iron</u></b>																
30400901	Annealing	---	---	---	---	---	---	---	---	1.00E-01	252	---	---	---	---	Lb/Tons of Metal Charged
<b><u>3-04-010 Nickel</u></b>																
30401002	Mixing/Blending/Grinding/Screening	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---	---	Lb/Tons Processed
30401005	Induction Furnace (Inlet Air)	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons Processed
30401006	Induction Furnace (Under Vacuum)	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons Processed
30401007	Electric Arc Furnace with Carbon Electrode	---	---	---	---	6.00E+01	616	3.00E-03	252	1.00E-01	252	---	---	---	---	Lb/Tons Processed
30401008	Electric Arc Furnace	---	---	---	---	2.40E-01	604	3.20E-01	252	1.80E-01	252	---	---	---	---	Lb/Tons Processed
30401010	Finishing: Pickling/Neutralizing	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---	---	Lb/Tons Processed
30401011	Finishing: Grinding	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---	---	Lb/Tons Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-04-020 Furnace Electrode Manufacture</u></b>																
30402001	Calcination	---		---		---		---		6.00E-02	415	---		---		Lb/Tons Processed
30402002	Mixing	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Processed
30402003	Pitch Treating	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Processed
30402004	Bake Furnaces	---		---		1.60E+00	252	---		1.00E+00	252	---		---		Lb/Tons Processed
<b><u>3-04-022 Metal Heat Treating</u></b>																
30402201	Furnace: General	---		---		---		---		1.00E-01	252	---		---		Lb/Tons Processed
30402210	Quench Bath	---		---		---		---		2.80E+02	252	---		---		Lb/Tons Processed
<b><u>3-04-040 Lead Cable Coating</u></b>																
30404001	General	6.00E-01	1402	3.60E-01	252	---		---		---		---		5.00E-01	1402	Lb/Tons Processed
<b><u>3-04-049 Miscellaneous Casting and Fabricating</u></b>																
30404901	Wax Burnout Oven	---		---		---		---		0.00E+00	252	---		---		Lb/Tons of Wax Burned
<b><u>3-04-051 Metallic Lead Products</u></b>																
30405101	Ammunition	---		---		---		---		---		---		1.00E+00	1402	Lb/Tons Lead Processed
30405103	Other Sources of Lead	---		---		---		---		---		---		1.50E+00	1402	Lb/Tons Lead Processed
<b><u>3-04-900 Fuel Fired Equipment</u></b>																
30490001	Distillate Oil (No. 2): Process Heaters	---		---		1.43E+02	252	2.00E+01	252	2.00E-01	252	---		---		Lb/1000 Gallons Burned
30490002	Residual Oil: Process Heaters	---		---		1.58E+02	252	5.50E+01	252	2.80E-01	252	---		---		Lb/1000 Gallons Burned
30490003	Natural Gas	---		---		6.00E-01	252	1.40E+02	252	2.80E+00	252	---		---		Lb/Million Cubic Feet Burned
30490004	Process Gas: Process Heaters	---		---		9.50E+02	252	1.40E+02	252	2.80E+00	252	---		---		Lb/Million Cubic Feet Burned
30490011	Distillate Oil (No. 2): Incinerators	---		---		---		---		4.00E-01	252	---		---		Lb/1000 Gallons Burned
30490012	Residual Oil: Incinerators	---		---		---		---		5.60E-01	353	---		---		Lb/1000 Gallons Burned
30490013	Natural Gas: Incinerators	---		---		---		---		5.60E+00	353	---		---		Lb/Million Cubic Feet Burned
30490014	Process Gas: Incinerators	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
30490023	Natural Gas	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
30490024	Process Gas: Flares	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
<b><u>3-05 MINERAL PRODUCTS</u></b>																
<b><u>3-05-001 Asphalt Roofing Manufacture</u></b>																
30500101	Asphalt Blowing: Saturant (Use 3-05-050-10 for MACT)	6.60E+00	1376	6.80E+00	252	---		0.00E+00	252	1.46E+00	251	2.70E-01	252	---		Lb/Tons Asphalt Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>3-05-001 Asphalt Roofing Manufacture</b>																
30500102	Asphalt Blowing: Coating (Use 3-05-050-10 for MACT)	2.40E+01	1376	2.50E+01	252	---		0.00E+00	252	1.86E+00	252	2.70E-01	252	---		Lb/Tons Asphalt Processed
30500103	Felt Saturation: Dipping Only	5.00E-01	252	5.00E-01	252	---		0.00E+00	252	2.00E-02	252	2.00E-02	252	---		Lb/Tons Asphalt Shingle
30500104	Felt Saturation: Dipping/Spraying	3.14E+00	252	2.26E+00	252	---		0.00E+00	252	3.00E-02	252	2.50E-01	252	---		Lb/Tons Asphalt Shingle
30500105	General **	6.30E+00		---		---		0.00E+00	252	4.80E-01		2.90E+00		---		Lb/Tons Saturated Felt
30500110	Blowing (Use 3-05-050-01 for MACT)	---		---		---		0.00E+00	252	---		2.70E-01	1376	---		Lb/Tons Saturated Felt
30500111	Dipping Only	---		---		---		0.00E+00	252	2.00E-02	252	---		---		Lb/Tons Saturated Felt
30500112	Spraying Only	---		---		---		0.00E+00	252	1.00E-02	252	---		---		Lb/Tons Saturated Felt
30500113	Dipping/Spraying	---		---		---		0.00E+00	252	3.00E-02	252	---		---		Lb/Tons Shingles Produced
30500116	Shingle Saturation: Dip Saturator, Drying-in Drum, Hot Looper & Coater	1.20E+00	1376	---		---		---		---		---		---		Lb/Tons Shingles Produced
30500117	Shingle Saturation: Dip Saturator, Drying-in Drum and Coater	---		---		---		---		---		1.90E-03	1376	---		Lb/Tons Shingles Produced
30500119	Shingle Sat'ion: Spray/Dip Satur, Drying-in Dm, Hot Loopr, Coatr & Str Tk	3.20E+00	1376	---		---		---		---		---		---		Lb/Tons Shingles Produced
<b>3-05-002 Asphalt Concrete</b>																
30500201	Rotary Dryer: Conventional Plant	3.20E+01	1408	4.50E+00	1408	7.30E-02	252	2.50E-02	1408	2.80E-02	252	3.40E-01	1408	4.00E+00	241	Lb/Tons Produced
30500202	Hot Elevators, Screens, Bins and Mixer	---		3.00E-02	252	7.00E-02	099	---		0.00E+00	252	---		---		Lb/Tons Produced
30500203	Storage Piles	---		1.20E-01	252	---		---		---		---		---		Lb/Tons Processed
30500204	Cold Aggregate Handling	---		4.00E-02	252	1.20E-01	252	0.00E+00	252	1.30E-01	252	---		---		Lb/Tons Processed
30500205	Drum Dryer: Hot Asphalt Plants	1.90E+01	1408	4.40E+00	1408	3.30E-03	1408	3.00E-02	1408	---		5.60E-02	1408	---		Lb/Tons of Asphalt
30500206	Asphalt Heater: Natural Gas (Use 3-05-050-20 for MACT)	---		---		6.00E-01	252	1.40E+02	252	2.80E+00	252	---		---		Lb/Million Cubic Feet Burned
30500207	Asphalt Heater: Residual Oil (Use 3-05-050-21 for MACT)	---		---		1.59E+02	252	5.50E+01	252	2.80E-01	252	---		---		Lb/1000 Gallons Burned
30500211	Rotary Dryer Conventional Plant with Cyclone	---		3.60E-01	252	---		---		---		---		---		Lb/Tons Produced
<b>3-05-003 Brick Manufacture</b>																
30500301	Raw Material Drying	7.00E+01	252	4.10E+01	252	---		0.00E+00	252	---		---		---		Lb/Tons of Raw Material
30500302	Raw Material Grinding	7.60E+01	252	5.32E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons of Raw Material
30500303	Storage of Raw Materials	3.40E+01	252	1.20E+01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons of Raw Material Stored
30500304	Curing **	7.00E-02		---		2.00E-02		2.90E-01		3.00E-02		7.00E-02		---		Lb/Tons Produced



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-003 Brick Manufacture</u></b>																
30500308	Screening	---		1.40E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons of Raw Material
30500309	Blending and Mixing	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons of Raw Material
30500310	Curing and Firing: Sawdust Fired Tunnel Kilns	---		2.00E-01	252	---		---		---		---		---		Lb/Tons Produced
30500311	Curing and Firing: Gas-fired Tunnel Kilns	2.00E-02	252	1.00E-02	252	0.00E+00	252	1.80E-01	252	3.00E-03	252	6.00E-02	252	---		Lb/Tons Produced
30500312	Curing and Firing: Oil-fired Tunnel Kilns	5.90E-01	252	3.20E-01	252	3.95E+00	252	1.05E+00	252	7.00E-03	252	1.20E-01	252	---		Lb/Tons Brick Produced
30500313	Curing and Firing: Coal-fired Tunnel Kilns	6.70E-01	A 252	4.80E-01	A 252	7.31E+00	252	1.45E+00	252	1.00E-02	252	1.43E+00	252	---		Lb/Tons Produced
30500314	Curing and Firing: Gas-fired Periodic Kilns	6.50E-02	252	3.40E-02	252	0.00E+00	252	5.00E-01	252	1.00E-02	252	1.50E-01	252	---		Lb/Tons Produced
30500315	Curing and Firing: Oil-fired Periodic Kilns	8.80E-01	252	4.70E-01	252	5.90E+00	252	1.62E+00	252	1.00E-02	252	1.90E-01	252	---		Lb/Tons Produced
30500316	Curing and Firing: Coal-fired Periodic Kilns	1.88E+01	252	1.00E+01	252	1.21E+01	252	2.35E+00	252	2.00E-02	252	2.39E+00	252	---		Lb/Tons Produced
30500321	General	---		1.00E+00	653	---		---		---		---		---		Lb/Tons Coal Handled
<b><u>3-05-004 Calcium Carbide</u></b>																
30500401	Electric Furnace: Hoods and Main Stack	2.60E+01	* 1409	2.20E+01	252	3.00E+00	* 1409	---		0.00E+00	252	---		---		Lb/Tons Produced
		lb/ton feed				lb/ton feed										
30500402	Coke Dryer	2.00E+00	* 1409	1.00E+00	252	3.00E+00	* 1409	2.00E-01	252	---		---		---		Lb/Tons Produced
		lb/ton feed				lb/ton feed										
30500403	Furnace Room Vents	2.60E+01	* 1409	2.40E+01	252	0.00E+00	252	---		0.00E+00	252	---		---		Lb/Tons Produced
		lb/ton feed														
30500404	Tap Fume Vents	---		---		0.00E+00	252	---		0.00E+00	252	---		---		Lb/Tons Produced
30500405	Primary/Secondary Crushing	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Produced
30500406	Circular Charging: Conveyor	---		---		0.00E+00	252	---		0.00E+00	252	---		---		Lb/Tons Produced
<b><u>3-05-005 Castable Refractory</u></b>																
30500501	Raw Material Dryer	6.50E+01	1377	1.60E+01	1377	---		---		---		---		---		Lb/Tons Feed Material
30500502	Raw Material Crushing/Processing	1.20E+02	252	6.12E+01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Feed Material
30500503	Electric Arc Melt Furnace	5.00E+01	252	4.60E+01	359	---		---		---		---		---		Lb/Tons Feed Material
30500504	Curing Oven	2.00E-01	252	1.00E-01	252	0.00E+00	252	1.60E-01	252	1.00E+00	252	---		---		Lb/Tons Feed Material
30500505	Molding and Shakeout	2.50E+01	252	2.00E+01	252	0.00E+00	252	0.00E+00	252	---		---		---		Lb/Tons Feed Material
30500506	Rotary Calciner	1.20E+02	1377	3.00E+01	1377	---		---		---		---		---		Lb/Tons Feed Material
<b><u>3-05-006 Cement Manufacturing (Dry Process)</u></b>																
30500606	Kilns	2.56E+02	252	1.08E+02	252	1.08E+01	252	6.00E+00	1378	---		2.10E-01	1378	1.20E-01	252	Lb/Tons Cement Produced
30500607	Raw Material Unloading	---		1.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons of Material Unloaded

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-006 Cement Manufacturing (Dry Process)</u></b>																
30500608	Raw Material Piles	---		1.40E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons in Pile
30500609	Primary Crushing	---		2.60E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30500610	Secondary Crushing	---		1.13E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30500611	Screening	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Handled
30500612	Raw Material Transfer	---		1.50E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500613	Raw Material Grinding and Drying	6.40E+01	252	5.40E+01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	4.00E-02	252	Lb/Tons Cement Produced
30500614	Clinker Cooler	9.20E+00	252	8.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500615	Clinker Piles	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500616	Clinker Transfer	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500617	Clinker Grinding	9.60E+01	252	8.20E+01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	4.00E-02	252	Lb/Tons Cement Produced
30500618	Cement Silos	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500619	Cement Load Out	---		2.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500622	Preheater Kiln	2.50E+02	1176	---		5.50E-01	1176	4.80E+00	1176	---		9.80E-01	1176	---		Lb/Tons Clinker Produced
30500623	Preheater/Precalciner Kiln	---		---		1.10E+00	1176	4.20E+00	1176	---		3.70E+00	1176	---		Lb/Tons Clinker Produced
<b><u>3-05-007 Cement Manufacturing (Wet Process)</u></b>																
30500706	Kilns	1.30E+02	1176	3.10E+01	1176	1.08E+01	252	7.40E+00	1176	---		1.20E-01	1176	1.00E-01	252	Lb/Tons Cement Produced
30500707	Raw Material Unloading	---		1.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons of Material Unloaded
30500708	Raw Material Piles	---		1.40E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons in Pile
30500709	Primary Crushing	---		2.60E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30500710	Secondary Crushing	---		1.13E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30500711	Screening	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Handled
30500712	Raw Material Transfer	---		1.50E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500714	Clinker Cooler	---		8.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500715	Clinker Piles	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500716	Clinker Transfer	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500717	Clinker Grinding	3.20E+01	252	2.70E+01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	2.00E-02	252	Lb/Tons Cement Produced
30500718	Cement Silos	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
30500719	Cement Load Out	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Cement Produced
<b><u>3-05-008 Ceramic Clay/Tile Manufacture</u></b>																
30500801	Drying	7.00E+01	252	3.57E+01	252	2.40E+00	252	---		---		---		---		Lb/Tons Input to Process

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-008 Ceramic Clay/Tile Manufacture</u></b>																
30500802	Grinding	7.60E+01	252	6.46E+01	252	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/Tons Input to Process
30500803	Storage	3.40E+01	252	2.90E+01	252	---	---	0.00E+00	252	0.00E+00	392	---	---	---	---	Lb/Tons Input to Process
<b><u>3-05-009 Clay and Fly Ash Sintering</u></b>																
30500901	Fly Ash Sintering	1.10E+02 *	1410	6.80E+01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Finished Product
		lb/ton material														
30500902	Clay/Coke Sintering	4.00E+01 *	1410	2.04E+01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Finished Product
		lb/ton material														
30500903	Natural Clay/Shale Sintering	1.20E+01 *	1410	6.36E+00	654	---	---	---	---	---	---	---	---	---	---	Lb/Tons Finished Product
		lb/ton material														
30500904	Raw Clay/Shale Crushing/Screening	1.20E+01	1410	2.50E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Raw Material
30500905	Raw Clay/Shale Transfer/Conveying	---	---	4.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Raw Material
30500906	Raw Clay/Shale Storage Piles	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Raw Material
30500907	Sintered Clay/Coke Product Crushing/Screening	1.50E+01 *	1410	1.28E+01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Finished Product
		lb/ton material														
30500908	Sintered Clay/Shale Product Crushing/Screening	1.20E+01	252	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Finished Product
30500909	Expanded Shale Clinker Cooling	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Finished Product
30500910	Expanded Shale Storage	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Finished Product
30500916	Dryer	7.00E+01	339	6.26E+01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Clay Dried
30500917	Clay Reciprocating Grate Clinker Cooler	3.14E-01	339	1.80E-01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Clay Processed
<b><u>3-05-010 Coal Mining, Cleaning, and Material Handling (See 305310)</u></b>																
30501001	Fluidized Bed	1.20E+01	271	---	---	4.30E+01	252	1.70E-01	252	1.00E-01	252	---	---	---	---	Lb/Tons Coal Dried
30501002	Flash or Suspension	1.00E+01	267	---	---	5.20E+01	---	---	---	---	---	---	---	---	---	Lb/Tons Coal Dried
30501003	Multilouvered	8.00E+00	---	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Coal Dried
30501008	Unloading	2.00E-02	252	6.00E-03	339	---	---	---	---	---	---	---	---	---	---	Lb/Tons Coal Shipped
30501010	Crushing	2.00E-02	252	6.00E-03	139	---	---	---	---	---	---	---	---	---	---	Lb/Tons Coal Shipped
30501021	Overburden Removal	---	---	---	---	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons Coal Mined
30501022	Drilling/Blasting	---	---	---	---	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons Coal Mined
30501023	Loading	---	---	5.00E-02	252	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons Coal Mined
30501024	Hauling	---	---	2.10E+00	655	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Vehicle-Miles Travelled
30501030	Topsoil Removal	6.00E-02	252	---	---	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Tons of Topsoil Removed
30501031	Scrapers: Travel Mode	1.46E+01	252	---	---	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---	---	Lb/Vehicle-Miles by Scrapers

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-010 Coal Mining, Cleaning, and Material Handling (See 305310)</u></b>																
30501032	Topsoil Unloading	4.00E-02	341	---		0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Topsoil
30501033	Overburden	1.30E+00	252	1.60E-01	252	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Holes Drilled
30501034	Coal Seam: Drilling	2.20E-01	341	2.80E-02	252	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Holes Drilled
30501035	Blasting: Coal Overburden	---		---		0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Blasts
30501036	Dragline: Overburden Removal	6.00E-02	252	9.00E-03	659	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Cubic Yards Overburden Removed
30501037	Truck Loading: Overburden	---		1.50E-02	252	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Overburden Loaded
30501038	Truck Loading: Coal	4.00E-02	252	5.00E-03	660	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Coal Loaded
30501039	Hauling: Haul Trucks	1.72E+01	252	2.10E+00	661	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Vehicle-Miles by Haul Trucks
30501040	Truck Unloading: End Dump - Coal	7.00E-03	345	1.00E-03	662	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Coal
30501041	Truck Unloading: Bottom Dump - Coal	6.60E-02	252	1.00E-02	663	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Coal
30501042	Truck Unloading: Bottom Dump - Overburden	2.00E-03	345	1.00E-03	252	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Overburden
30501043	Open Storage Pile: Coal	---		1.70E+04	252	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Acres of Coal Storage Area
30501044	Train Loading: Coal	---		5.90E-03	664	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Coal Loaded
30501045	Bulldozing: Overburden	---		---		0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Bulldozer- Hours of Operation
30501046	Bulldozing: Coal	4.94E+01	252	---		0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Bulldozer- Hours of Operation
30501047	Grading	5.37E+00	252	3.33E+00	667	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Vehicle-Miles by Graders
30501048	Overburden Replacement	1.20E-02	252	6.00E-03	252	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Overburden
30501049	Wind Erosion: Exposed Areas	7.60E+02	252	3.80E+02	252	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Acres of Exposed Area
30501050	Vehicle Traffic: Light/Medium Vehicles	2.79E+00	252	1.56E+00	668	0.00E+00	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Vehicle-Miles by Light/Medium Vehicles
<b><u>3-05-011 Concrete Batching</u></b>																
30501101	General (Non-fugitive)	2.00E-01	252	1.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---		Lb/Cubic Yards of Concrete Produced
30501106	Transfer: Sand/Aggregate to Elevated Bins	2.90E-02	1411	3.00E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30501107	Cement Unloading: Storage Bins	2.40E-01	1411	1.40E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30501108	Weight Hopper Loading of Cement/Sand/Aggregate	2.00E-02	1411	1.00E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30501109	Mixer Loading of Cement/Sand/Aggregate	4.00E-02	1411	2.00E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30501110	Loading of Transit Mix Truck	2.00E-02	1411	1.00E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30501111	Loading of Dry-batch Truck	4.00E-02	252	2.00E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30501112	Mixing: Wet	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---		Lb/Cubic Yards of Concrete Produced
30501113	Mixing: Dry	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---		Lb/Cubic Yards of Concrete Produced
30501114	Transferring: Conveyors/Elevators	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---		Lb/Cubic Yards of Concrete Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units	
<b><u>3-05-011 Concrete Batching</u></b>																	
30501115	Storage: Bins/Hoppers	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Cubic Yards of Concrete Produced	
30501120	Asbestos/Cement Products	---		1.00E-01	252	---		---		---		---		---		Lb/Tons Produced	
<b><u>3-05-012 Fiberglass Manufacturing</u></b>																	
30501201	Regenerative Furnace (Wool-type Fiber)	2.50E+00	1412	2.09E+01	669	1.00E+01	1412	5.00E+00	1412	2.00E-01		2.50E-01	1412	---		Lb/Tons Material Processed	
30501202	Recuperative Furnace (Wool-type Fiber)	2.20E+01	1412	2.61E+01	670	1.00E+01	1412	1.70E+00	1412	2.00E-01		2.50E-01	1412	---		Lb/Tons Material Processed	
30501203	Electric Furnace (Wool-type Fiber)	5.00E-01	1412	4.80E-01	671	4.00E-02	1412	2.70E-01	1412	2.00E-01		5.00E-02	1412	---		Lb/Tons Material Processed	
30501204	Forming: Rotary Spun (Wool-type Fiber)	3.92E+01 *	1412	5.40E+01	672	---		---		---		---		---		Lb/Tons Material Processed	
				lb/ton finished product													
30501205	Curing Oven: Rotary Spun (Wool-type Fiber)	---		9.00E+00	252	---		---		---		---		---		Lb/Tons Material Processed	
30501206	Cooling (Wool-type Fiber)	---		1.30E+00	252	---		---		---		---		---		Lb/Tons Material Processed	
30501207	Unit Melter Furnace (Wool-type Fiber)	9.00E+00	1412	8.60E+00	252	6.00E-01	1412	3.00E-01	1412	0.00E+00		2.50E-01	1412	---		Lb/Tons Material Processed	
30501208	Forming: Flame Attenuation (Wool-type Fiber)	2.00E+00	1412	1.90E+00	673	---		---		3.00E-01	1412	---		---		Lb/Tons Material Processed	
30501209	Curing: Flame Attenuation (Wool-type Fiber)	6.00E+00	1412	6.00E+00	252	---		2.00E+00	1412	7.00E+00	1412	3.50E+00	1412	---		Lb/Tons Material Processed	
30501211	Regenerative Furnace (Textile-type Fiber)	1.60E+01	1412	1.50E+01	252	3.00E+01	1412	2.00E+01	1412	2.00E-01		1.00E+00	1412	---		Lb/Tons Material Processed	
30501212	Recuperative Furnace (Textile-type Fiber)	2.00E+00	1412	1.90E+00	252	3.00E+00	1412	2.00E+01	1412	2.00E-01		5.00E-01	1412	---		Lb/Tons Material Processed	
30501213	Unit Melter Furnace (Textile-type Fiber)	6.00E+00	1412	5.70E+00	252	---		2.00E+01	1412	0.00E+00		9.00E-01	1412	---		Lb/Tons Material Processed	
30501214	Forming Process (Textile-type Fiber)	1.00E+00	1412	5.00E-01	674	---		---		0.00E+00	252	---		---		Lb/Tons Material Processed	
30501215	Curing Oven (Textile-type Fiber)	1.20E+00	1412	1.20E+00	252	---		2.60E+00	1412	0.00E+00	252	1.50E+00	1412	---		Lb/Tons Material Processed	
30501221	Raw Material: Unloading/Conveying	3.00E+00	1412	1.50E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Raw Material Processed	
30501222	Raw Material: Storage Bins	2.00E-01	1412	1.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Raw Material Processed	
30501223	Raw Material: Mixing/Weighing	6.00E-01	1412	3.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Raw Material Processed	
30501224	Raw Material: Crushing/Charging	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Raw Material Processed	
<b><u>3-05-013 Frit Manufacture</u></b>																	
30501301	General	1.60E+01	252	1.50E+01	252	---		---		---		---		---		Lb/Tons Charged	
<b><u>3-05-014 Glass Manufacture</u></b>																	
30501401	Furnace/General**	2.00E+00		---		---		---		---		---		---		Lb/Tons of Glass Produced	
30501402	Container Glass: Melting Furnace	1.40E+00	252	1.32E+00	252	3.40E+00	252	6.20E+00	252	2.00E-01	252	2.00E-01	252	---		Lb/Tons of Glass Produced	
30501403	Flat Glass: Melting Furnace	2.00E+00	252	1.90E+00	252	3.00E+00	252	8.00E+00	252	1.00E-01	252	1.00E-01	252	---		Lb/Tons of Glass Produced	
30501404	Pressed and Blown Glass: Melting Furnace	1.74E+01	252	1.65E+01	252	5.60E+00	252	8.50E+00	252	3.00E-01	252	2.00E-01	252	---		Lb/Tons of Glass Produced	
30501406	Container Glass: Forming/Finishing	0.00E+00	252	---		0.00E+00	252	0.00E+00	252	8.70E+00	252	0.00E+00	252	---		Lb/Tons of Glass Produced	

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-014 Glass Manufacture</u></b>																
30501407	Flat Glass: Forming/Finishing	0.00E+00	252	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Glass Produced
30501408	Pressed and Blown Glass: Forming/Finishing	0.00E+00	252	---	---	0.00E+00	252	0.00E+00	252	9.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Glass Produced
30501411	General **	---	---	---	---	---	---	0.00E+00	---	0.00E+00	---	0.00E+00	---	---	---	Lb/Tons Processed
30501412	Hold Tanks **	---	---	---	---	0.00E+00	---	---	---	---	---	---	---	---	---	Lb/Tons Processed
30501413	Cullet: Crushing/Grinding	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Cullet Processed
30501414	Ground Cullet Beading Furnace	---	---	---	---	5.60E+00	252	8.50E+00	252	3.00E-01	252	---	---	---	---	Lb/Tons Beaded Glass Produced
30501415	Glass Etching with Hydrofluoric Acid Solution	---	---	5.00E-01	675	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---	---	Lb/Gallons Etching Solution Consumed
<b><u>3-05-015 Gypsum Manufacture</u></b>																
30501501	Rotary Ore Dryer	1.60E-01	* 1379	1.30E-02	* 1379	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
		lb/hr - sq ft gas flow		lb/hr - sq ft gas flow												
30501502	Primary Grinder/Roller Mills	2.60E+00	252	2.20E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---	---	Lb/Tons Product
30501503	Not Classified **	9.00E+01	---	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Throughput
30501504	Conveying	---	---	1.50E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Throughput
30501505	Primary Crushing: Gypsum Ore	---	---	2.60E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Crude Gypsum Processed
30501506	Secondary Crushing: Gypsum Ore	---	---	1.13E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Crude Gypsum Processed
30501507	Screening: Gypsum Ore	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Crude Gypsum Processed
30501508	Stockpile: Gypsum Ore	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Crude Gypsum Processed
30501509	Storage Bins: Gypsum Ore	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Crude Gypsum Processed
30501510	Storage Bins: Landplaster	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Product
30501511	Continuous Kettle: Calciner	4.10E+01	1379	2.60E+01	1379	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30501512	Flash Calciner	3.70E+01	1379	1.40E+01	1379	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30501513	Impact Mill	1.00E+02	252	8.50E+01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Product
30501514	Storage Bins: Stucco	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Product
30501516	Mixers	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Product
30501517	Bagging	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Product
30501518	Mixers/Conveyors	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Product
30501519	Forming Line	---	---	---	---	0.00E+00	252	0.00E+00	252	---	---	0.00E+00	252	---	---	Lb/Tons Product
30501521	End Sawing (8 Ft.)	8.00E+00	1379	6.80E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/1000 Sq. Ft. Board Sawed
30501522	End Sawing (12 Ft.)	5.00E+00	1379	4.25E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/1000 Sq. Ft. Board Sawed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-016 Lime Manufacture</u></b>																
30501601	Primary Crushing	1.70E-02	1380	2.60E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Limestone Processed
30501602	Secondary Crushing/Screening	6.20E-01	1380	1.13E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Limestone Processed
30501603	Calcining: Vertical Kiln	8.00E+00	252	5.00E+00	252	8.20E+00	252	2.80E+00	---	2.00E-02	---	---	---	---	---	Lb/Tons Lime Produced
30501604	Calcining: Rotary Kiln ** (See SCC Codes 3-05-016-18,-19,-20,-21)	3.50E+02	252	4.20E+01	252	6.71E+00	699	2.80E+00	252	---	---	2.00E+00	252	---	---	Lb/Tons Lime Produced
30501605	Calcining: Gas-fired Calcimatic Kiln	9.70E+01	1380	3.15E+01	252	---	---	1.50E-01	1380	---	---	---	---	---	---	Lb/Tons Lime Produced
30501607	Raw Material Transfer and Conveying	---	---	1.80E-01	252	0.00E+00	252	---	---	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Limestone Processed
30501608	Raw Material Unloading	---	---	1.00E-01	252	0.00E+00	252	---	---	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Limestone Processed
30501609	Hydrator: Atmospheric	1.00E-01	252	7.00E-02	252	0.00E+00	252	---	---	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Hydrated Lime Produced
30501610	Raw Material Storage Piles	---	---	1.40E+00	676	---	---	---	---	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Limestone Processed
30501611	Product Cooler	6.80E+00	1380	2.52E+01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Lime Produced
30501612	Pressure Hydrator	1.00E-01	252	7.00E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Hydrated Lime Produced
30501613	Lime Silos	---	---	---	---	0.00E+00	252	---	---	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Lime Produced
30501614	Packing/Shipping	---	---	---	---	0.00E+00	252	---	---	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Lime Produced
30501615	Product Transfer and Conveying	2.20E+00 *	1380	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Lime Produced
																<i>lb/ton product loaded</i>
30501616	Primary Screening	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Limestone Processed
30501618	Calcining: Coal-fired Rotary Kiln	3.50E+02	1380	4.20E+01	1380	5.40E+00	1380	3.10E+00	1380	---	---	1.50E+00	1380	---	---	Lb/Tons Lime Manufactured
30501619	Calcining: Gas-fired Rotary Kiln	---	---	---	---	---	---	3.50E+00	1380	---	---	2.20E+00	1380	---	---	Lb/Tons Lime Manufactured
30501620	Calcining: Coal- and Gas-fired Rotary Kiln	8.00E+01	1380	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Lime Manufactured
30501626	Product Loading, Enclosed Truck	6.10E-01	1380	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Lime Processed
30501627	Product Loading, Open Truck	1.50E+00	1380	---	---	---	---	---	---	---	---	---	---	---	---	Lb/Tons Lime Processed
<b><u>3-05-017 Mineral Wool</u></b>																
30501701	Cupola	1.60E+01 *	1381	2.02E+01	252	2.00E-02	252	1.60E+00	252	---	---	2.50E+02	1381	---	---	Lb/Tons Charged
																<i>lb/ton product</i>
30501702	Reverberatory Furnace	4.80E+00 *	1381	4.60E+00	252	0.00E+00	252	---	---	---	---	---	---	---	---	Lb/Tons Charged
																<i>lb/ton product</i>
30501703	Blow Chamber	1.20E+01 *	1381	1.56E+01	252	0.00E+00	252	0.00E+00	---	9.00E-01	252	---	---	---	---	Lb/Tons Charged
																<i>lb/ton product</i>
30501704	Curing Oven	3.60E+00 *	1381	3.80E+00	252	0.00E+00	252	1.60E-01	252	1.00E+00	252	---	---	---	---	Lb/Tons Charged
																<i>lb/ton product</i>
30501705	Cooler	2.40E+00 *	1381	1.90E+00	252	0.00E+00	252	---	---	4.00E-02	252	---	---	---	---	Lb/Tons Charged
																<i>lb/ton product</i>

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-018 Perlite Manufacturing</u></b>																
30501801	Vertical Furnace	2.10E+01	252	1.90E+01	677	---		0.00E+00	252	---		---		---		Lb/Tons Charged
<b><u>3-05-019 Phosphate Rock</u></b>																
30501901	Drying	5.70E+00	1184	4.80E+00	1384	---		---		---		3.40E-01	1184	---		Lb/Tons Phosphate Rock
30501902	Grinding	1.50E+00	1184	9.30E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Phosphate Rock
30501903	Transfer/Storage	2.00E+00	252	1.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Phosphate Rock
30501904	Open Storage	4.00E+01	252	1.44E+01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Phosphate Rock
30501905	Calcining	1.50E+01	1184	1.50E+01	1384	---		---		---		---		---		Lb/Tons Phosphate Rock
30501907	Ball Mill	1.46E+00	539	4.50E-01	252	---		---		---		---		---		Lb/Tons Phosphate Rock Milled
<b><u>3-05-020 Stone Quarrying - Processing (See also 305320)</u></b>																
30502001	Primary Crushing	7.00E-04	1382	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Raw Material
30502002	Secondary Crushing/Screening	---		1.50E-02	1382	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Raw Material
30502003	Tertiary Crushing/Screening	---		2.40E-03	1382	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Raw Material
30502004	Recrushing/Screening	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30502005	Fines Mill	---		1.50E-02	1382	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30502006	Miscellaneous Operations: Screen/Convey/Handling	---		1.40E-03	1382	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Raw Material
30502007	Open Storage	---		1.20E-01	252	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Product Stored
30502008	Cut Stone: General	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30502009	Blasting: General	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Raw Material
30502010	Drilling	---		8.00E-05	1382	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Raw Material
30502011	Hauling	---		6.20E+00	679	0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Vehicle-Miles Travelled
30502012	Drying	---		5.00E+00	252	---		---		---		---		---		Lb/Tons Stone Dried
30502013	Bar Grizzlies	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30502014	Shaker Screens	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30502015	Vibrating Screens	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30502016	Revolving Screens	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30502020	Drilling	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Feet Drilled
30502021	Fines Screening	---		7.10E-02	1382	---		---		---		---		---		Lb/Tons Material Processed
30502031	Truck Unloading	---		1.60E-05	1382	---		---		---		---		---		Lb/Tons Raw Material
30502032	Truck Loading, Conveyor	---		1.00E-04	1382	---		---		---		---		---		Lb/Tons Product Loaded



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-021 Salt Mining</u></b>																
30502103	Filtration: Vacuum Filter	---		---		---		---		0.00E+00	252	---		---		Lb/Tons of Salt Produced
30502104	Crushing	---		---		0.00E+00	443	0.00E+00	443	0.00E+00	443	---		---		Lb/Tons of Salt Handled
30502105	Screening	---		---		0.00E+00	443	0.00E+00	443	0.00E+00	443	---		---		Lb/Tons of Salt Handled
30502106	Conveying	---		---		0.00E+00	443	0.00E+00	443	0.00E+00	443	---		---		Lb/Tons of Salt Handled
<b><u>3-05-022 Potash Production</u></b>																
30502201	Mine: Grinding/Drying	---		1.35E+01	680	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	340	---		Lb/Tons Ore
<b><u>3-05-024 Magnesium Carbonate</u></b>																
30502401	Mine/Process	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Product
<b><u>3-05-025 Construction Sand and Gravel</u></b>																
30502501	Total Plant: General **	1.00E-01		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		Lb/Tons Product
30502502	Aggregate Storage	---		1.20E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Product
30502503	Material Transfer and Conveying	2.90E-02	252	6.40E-03	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Product
30502504	Hauling	---		6.20E+00	680	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Vehicle-Miles Travelled
30502505	Pile Forming: Stacker	---		6.00E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Product
30502506	Bulk Loading	2.00E-02		2.40E-03	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Product
30502507	Storage Piles	---		1.32E+03	682	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Acres of Storage Area
30502509	Cooler ** (See 3-05-027-30 for Industrial Sand Coolers)	---		---		0.00E+00	252	0.00E+00	555	0.00E+00	555	---		---		Lb/Tons Product
30502510	Crushing	---		---		0.00E+00	252	0.00E+00	443	0.00E+00	443	---		---		Lb/Tons Product
30502511	Screening	---		1.20E-01	252	0.00E+00	252	0.00E+00	443	0.00E+00	443	---		---		Lb/Tons Product
<b><u>3-05-031 Asbestos Mining</u></b>																
30503101	Surface Blasting	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore
30503102	Surface Drilling	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore
30503103	Cobbing	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore
30503104	Loading	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore
30503105	Convey/Haul Asbestos	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore
30503106	Convey/Haul Waste	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore
30503107	Unloading	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore
30503108	Overburden Stripping	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Removed
30503109	Ventilation of Process Operations	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-031 Asbestos Mining</u></b>																
30503110	Stockpiling	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Ore
30503111	Tailing Piles	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons of Material
<b><u>3-05-032 Asbestos Milling</u></b>																
30503201	Crushing	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30503203	Recrushing	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30503204	Screening	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30503205	Fiberizing	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30503206	Bagging	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
<b><u>3-05-033 Vermiculite</u></b>																
30503301	General	---		---		4.70E-01	252	8.00E-02	252	---		---		---		Lb/Tons Product
<b><u>3-05-034 Feldspar</u></b>																
30503401	Ball Mill	2.58E+01	339	8.40E+00	252	---		---		---		---		---		Lb/Tons Rock Milled
<b><u>3-05-040 Mining and Quarrying of Nonmetallic Minerals</u></b>																
30504001	Open Pit Blasting	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504002	Open Pit Drilling	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504003	Open Pit Cobbing	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504010	Underground Ventilation	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504020	Loading	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504021	Convey/Haul Material	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504022	Convey/Haul Waste	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504023	Unloading	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504024	Overburden Stripping	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504025	Stockpiling	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504030	Primary Crusher	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504031	Secondary Crusher	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504032	Ore Concentrator	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504034	Screening	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material
30504036	Tailing Piles	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/100 Tons of Material

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-100 Bulk Materials Elevators</u></b>																
30510001	Unloading	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510002	Loading	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510003	Removal from Bins	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510005	Cleaning	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510006	Elevator Legs (Headhouse)	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510007	Tripper (Gallery Belt)	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
<b><u>3-05-101 Bulk Materials Conveyors</u></b>																
30510101	Ammonium Sulfate	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510102	Cement	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510103	Coal	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510104	Coke	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510105	Limestone	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510106	Phosphate Rock	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510107	Scrap Metal	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510108	Sulfur	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510196	Chemical: Specify in Comments	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510197	Fertilizer: Specify in Comments	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510198	Mineral: Specify in Comments	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510199	Other Not Classified	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
<b><u>3-05-102 Bulk Materials Storage Bins</u></b>																
30510201	Ammonium Sulfate	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510202	Cement	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Processed
30510203	Coal	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510204	Coke	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510205	Limestone	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510206	Phosphate Rock	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510207	Scrap Metal	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510208	Sulfur	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510296	Chemical: Specify in Comments	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510297	Fertilizer: Specify in Comments	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-102 Bulk Materials Storage Bins</u></b>																
30510298	Mineral: Specify in Comments	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510299	Other Not Classified	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
<b><u>3-05-103 Bulk Materials Open Stockpiles</u></b>																
30510301	Ammonium Sulfate	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510302	Cement	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510303	Coal	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510304	Coke	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510305	Limestone	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510306	Phosphate Rock	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510307	Scrap Metal	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510308	Sulfur	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510396	Chemical: Specify in Comments	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510397	Fertilizer: Specify in Comments	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510398	Mineral: Specify in Comments	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510399	Other Not Classified	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
<b><u>3-05-104 Bulk Materials Unloading Operation</u></b>																
30510401	Ammonium Sulfate	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510402	Cement	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510403	Coal	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510404	Coke	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510405	Limestone	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510406	Phosphate Rock	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510407	Scrap Metal	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510408	Sulfur	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510496	Chemical: Specify in Comments	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510497	Fertilizer: Specify in Comments	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510498	Mineral: Specify in Comments	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
30510499	Other Not Classified	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed
<b><u>3-05-105 Bulk Materials Loading Operation</u></b>																
30510501	Ammonium Sulfate	---		---		0.00E+00	140	0.00E+00	140	0.00E+00	140	0.00E+00	140	---		Lb/Tons Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-05-105 Bulk Materials Loading Operation</u></b>																
30510502	Cement	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510503	Coal	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510504	Coke	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510505	Limestone	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510506	Phosphate Rock	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510507	Scrap Metal	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510508	Sulfur	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510596	Chemical: Specify in Comments	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510597	Fertilizer: Specify in Comments	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510598	Mineral: Specify in Comments	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
30510599	Other Not Classified	---		---		0.00E+00	340	0.00E+00	340	0.00E+00	340	0.00E+00	340	---		Lb/Tons Processed
<b><u>3-05-150 Calcining</u></b>																
30515001	Raw Material Handling	---		---		---		---		0.00E+00	341	---		---		Lb/Tons Throughput
30515002	General	---		---		---		---		0.00E+00	341	---		---		Lb/Tons Throughput
30515003	Grinding/Milling	---		---		---		---		0.00E+00	341	---		---		Lb/Tons Throughput
30515004	Finished Product Handling	---		---		---		---		0.00E+00	341	---		---		Lb/Tons Throughput
30515005	Mixing	---		---		---		---		0.00E+00	341	---		---		Lb/Tons Throughput
<b><u>3-05-900 Fuel Fired Equipment</u></b>																
30590001	Distillate Oil (No. 2): Process Heaters	---		---		1.43E+02	252	2.00E+01	252	2.00E-01	252	---		---		Lb/1000 Gallons Burned
30590002	Residual Oil: Process Heaters	---		---		1.58E+02	252	5.50E+01	252	2.80E-01	252	---		---		Lb/1000 Gallons Burned
30590003	Natural Gas: Process Heaters	---		---		6.00E-01	252	1.40E+02	252	2.80E+00	252	---		---		Lb/Million Cubic Feet Burned
30590011	Distillate Oil (No. 2): Incinerators	---		---		---		---		4.00E-01	252	---		---		Lb/1000 Gallons Burned
30590012	Residual Oil: Incinerators	---		---		---		---		5.60E-01	252	---		---		Lb/1000 Gallons Burned
30590013	Natural Gas: Incinerators	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
30590023	Natural Gas: Flares	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
<b><u>3-06 PETROLEUM INDUSTRY</u></b>																
<b><u>3-06-001 Process Heaters</u></b>																
30600101	Oil-fired **	5.04E+02		---		6.67E+03		2.31E+03		1.26E+01		0.00E+00		2.10E-06 * 250		Lb/1000 Barrels Burned
														(b)MMBtu heat input		
30600102	Gas-fired **	0.00E+00		---		9.50E-01		1.40E-01		0.00E+00		3.00E-02		---		Lb/1000 Cubic Feet Gas Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-06-001 Process Heaters</u></b>																
30600103	Oil-fired	1.20E+01	252	7.40E+00	252	1.58E+02	252	5.50E+01	252	3.00E-01	252	5.00E+00	252	---	---	Lb/1000 Gallons Burned
30600104	Gas-fired	3.00E+00	252	3.00E+00	252	9.50E+02	---	1.40E+02	252	2.80E+00	252	3.50E+01	252	---	---	Lb/Million Cubic Feet Burned
30600105	Natural Gas-fired	3.00E+00	252	3.00E+00	252	6.00E-01	252	1.40E+02	252	2.80E+00	252	3.50E+01	252	---	---	Lb/Million Cubic Feet Burned
30600106	Process Gas-fired	3.00E+00	252	3.00E+00	252	---	---	1.40E+02	252	2.80E+00	252	3.50E+01	252	---	---	Lb/Million Cubic Feet Burned
30600107	LPG-fired	2.70E-01	252	2.70E-01	252	---	---	1.28E+01	252	2.60E-01	252	3.20E+00	252	---	---	Lb/1000 Gallons Burned
30600108	Landfill Gas-fired	---	---	---	---	---	---	---	---	2.80E+00	252	---	---	---	---	Lb/Million Cubic Feet Burned
30600111	Oil-fired (No. 6 Oil) > 100 Million Btu Capacity	1.30E+01	252	---	---	1.59E+02	252	6.70E+01	252	---	---	5.00E+00	252	---	---	Lb/1000 Gallons Burned
<b><u>3-06-002 Catalytic Cracking Units</u></b>																
30600201	Fluid Catalytic Cracking Unit	2.42E+02	252	1.69E+02	252	4.68E+02	699	7.10E+01	252	2.20E+02	252	1.37E+04	252	---	---	Lb/1000 Barrels Fresh Feed
30600202	Catalyst Handling System	---	---	---	---	---	---	---	---	0.00E+00	252	---	---	---	---	Lb/1000 Barrels Fresh Feed
<b><u>3-06-003 Catalytic Cracking Units</u></b>																
30600301	Thermal Catalytic Cracking Unit	1.70E+01	252	1.19E+01	252	6.00E+01	252	5.00E+00	252	8.70E+01	252	3.80E+03	252	---	---	Lb/1000 Barrels Fresh Feed
<b><u>3-06-004 Blowdown Systems</u></b>																
30600401	Blowdown System with Vapor Recovery System with Flaring	0.00E+00	252	0.00E+00	252	2.69E+01	252	1.89E+01	252	8.00E-01	252	4.30E+00	252	---	---	Lb/1000 Barrels Refinery Feed
30600402	Blowdown System w/o Controls	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	5.80E+02	252	0.00E+00	252	---	---	Lb/1000 Barrels Refinery Capacity
<b><u>3-06-005 Wastewater Treatment</u></b>																
30600503	Process Drains and Wastewater Separators	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	5.00E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Wastewater
30600504	Process Drains and Wastewater Separators	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	2.00E+02	252	0.00E+00	252	---	---	Lb/1000 Barrels Refinery Feed
30600505	Wastewater Treatment w/o Separator	---	---	---	---	---	---	---	---	3.00E-02	150	---	---	---	---	Lb/1000 Gallons Wastewater
30600506	Wastewater Treatment w/o Separator	---	---	---	---	---	---	---	---	7.00E-01	150	---	---	---	---	Lb/1000 Barrels Refinery Feed
<b><u>3-06-006 Vacuum Distillate Column Condensers</u></b>																
30600602	Vacuum Distillation Column Condenser	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	5.00E+01	252	0.00E+00	252	---	---	Lb/1000 Barrels Vacuum Feed
30600603	Vacuum Distillation Column Condenser	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.80E+01	252	0.00E+00	252	---	---	Lb/1000 Barrels Refinery Feed
<b><u>3-06-007 Cooling Towers</u></b>																
30600701	Cooling Towers	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	6.00E+00	252	0.00E+00	252	---	---	Lb/Million Gallons Cooling Water
30600702	Cooling Towers	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.00E+01	252	0.00E+00	252	---	---	Lb/1000 Barrels Refinery Feed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<u>3-06-008 Fugitive Emissions</u>																
30600811	Pipeline Valves: Gas Streams	---		---		---		---		5.16E+02	252	---		---		Lb/Valves in Operation (Annual Basis)
30600812	Pipeline Valves: Light Liquid/Gas Streams	---		---		---		---		2.10E+02	252	---		---		Lb/Valves in Operation (Annual Basis)
30600813	Pipeline Valves: Heavy Liquid Streams	---		---		---		---		4.38E+00	252	---		---		Lb/Valves in Operation (Annual Basis)
30600814	Pipeline Valves: Hydrogen Streams	---		---		---		---		1.57E+02	252	---		---		Lb/Valves in Operation (Annual Basis)
30600815	Open-ended Valves: All Streams	---		---		---		---		4.38E+01	252	---		---		Lb/Valves in Operation (Annual Basis)
30600816	Flanges: All Streams	---		---		---		---		4.90E+00	252	---		---		Lb/Flanges in Operation (Annual Basis)
30600817	Pump Seals: Light Liquid/Gas Streams	---		---		---		---		2.19E+03	252	---		---		Lb/Seals in Operation (Annual Basis)
30600818	Pump Seals: Heavy Liquid Streams	---		---		---		---		4.02E+02	252	---		---		Lb/Seals in Operation (Annual Basis)
30600819	Compressor Seals: Gas Streams	---		---		---		---		1.22E+04	252	---		---		Lb/Seals in Operation (Annual Basis)
30600820	Compressor Seals: Heavy Liquid Streams	---		---		---		---		9.63E+02	252	---		---		Lb/Seals in Operation (Annual Basis)
30600821	Drains: All Streams	---		---		---		---		6.13E+02	252	---		---		Lb/Drains in Operation (Annual Basis)
30600822	Vessel Relief Valves: All Streams	---		---		---		---		3.15E+03	252	---		---		Lb/Valves in Operation (Annual Basis)
<u>3-06-009 Flares</u>																
30600903	Natural Gas	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
30600904	Process Gas	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
<u>3-06-010 Sludge Converter</u>																
30601001	General	---		---		---		---		3.56E+01	395	---		---		Lb/Tons Processed
<u>3-06-011 Asphalt Blowing</u>																
30601101	General	---		---		---		---		6.00E+01	252	---		---		Lb/Tons of Asphalt Produced
<u>3-06-012 Fluid Coking Units</u>																
30601201	General	---		3.66E+02	252	0.00E+00	252	0.00E+00	252	1.60E+01	252	---		---		Lb/1000 Barrels Fresh Feed
<u>3-06-014 Petroleum Coke Calcining</u>																
30601401	Coke Calciner	---		---		1.60E+01	252	1.10E+00	252	7.00E-01	252	---		---		Lb/Tons Raw Coke Processed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-06-099 Incinerators</u></b>																
30609901	Distillate Oil (No. 2)	---		---		---		---		4.00E-01	252	---		---		Lb/1000 Gallons Burned
30609902	Residual Oil	---		---		---		---		5.60E-01	252	---		---		Lb/1000 Gallons Burned
30609903	Natural Gas	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
30609904	Process Gas	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
<b><u>3-07 PULP AND PAPER AND WOOD PRODUCTS</u></b>																
<b><u>3-07-001 Sulfate (Kraft) Pulping</u></b>																
30700101	Digester Relief and Blow Tank	---		0.00E+00		---		0.00E+00	252	0.00E+00	252	0.00E+00		---		Lb/Tons Air-dried Unbleached Pulp
30700102	Washer/Screens	0.00E+00	252	0.00E+00	252	1.00E-02	252	0.00E+00	252	2.00E-01	252	0.00E+00	252	---		Lb/Tons Air-dried Unbleached Pulp
30700103	Multi-effect Evaporator	0.00E+00	252	0.00E+00	252	---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Air-dried Unbleached Pulp
30700104	Recovery Furnace/Direct Contact Evaporator	1.80E+02	252	1.68E+02	252	7.00E+00	252	2.00E+00		1.95E+00	252	1.10E+01	252	---		Lb/Tons Air-dried Unbleached Pulp
30700105	Smelt Dissolving Tank	7.00E+00	252	6.20E+00	252	2.00E-01	252	1.00E+00	435	1.60E-01	252	0.00E+00	252	---		Lb/Tons Air-dried Unbleached Pulp
30700106	Lime Kiln	5.60E+01	252	9.40E+00		3.00E-01	252	2.80E+00	587	2.50E-01	252	1.00E-01	252	1.08E-04	725	Lb/Tons Air-dried Unbleached Pulp
30700107	Turpentine Condenser	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	7.00E-02	252	0.00E+00	252	---		Lb/Tons Air-dried Unbleached Pulp
30700108	Fluid Bed Calciner	---		5.04E+01	252	3.00E-01	252	2.80E+00	416	2.50E-01	252	---		---		Lb/Tons Air-dried Unbleached Pulp
30700109	Liquor Oxidation Tower	---		---		2.00E-02	252	0.00E+00	252	4.50E-01	252	---		---		Lb/Tons Air-dried Unbleached Pulp
30700110	Recovery Furnace/Indirect Contact Evaporator	2.30E+02	252	2.30E+02	252	---		1.90E+00	431	8.00E-01	252	1.10E+01	252	---		Lb/Tons Air-dried Unbleached Pulp
<b><u>3-07-002 Sulfite Pulping</u></b>																
30700203	Digester/Blow Pit/Dump Tank: All Bases except Calcium	0.00E+00	252	0.00E+00	252	4.00E+01	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Air-dried Unbleached Pulp
30700211	Digester/Blow Pit/Dump Tank: Calcium	0.00E+00	252	0.00E+00	252	6.70E+01	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Air-dried Unbleached Pulp
30700212	Digester/Blow Pit/Dump Tank: MgO with Recovery System	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Air-dried Unbleached Pulp
30700213	Digester/Blow Pit/Dump Tank: MgO with Process Change	0.00E+00	252	0.00E+00	252	2.00E-01	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Air-dried Unbleached Pulp
30700214	Digester/Blow Pit/Dump Tank: NH3 with Process Change	0.00E+00	252	0.00E+00	252	4.00E-01	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Air-dried Unbleached Pulp
30700215	Digester/Blow Pit/Dump Tank: Na with Process Change	0.00E+00	252	0.00E+00	252	2.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Air-dried Unbleached Pulp
30700221	Recovery System: MgO	2.00E+00	252	---		9.00E+00	252	0.00E+00	252	---		---		---		Lb/Tons Air-dried Unbleached Pulp
30700222	Recovery System: NH3	7.00E-01	252	---		7.00E+00	252	0.00E+00	252	---		---		---		Lb/Tons Air-dried Unbleached Pulp
30700223	Recovery System: Na	4.00E+00	252	---		2.00E+00	252	0.00E+00	252	---		---		---		Lb/Tons Air-dried Unbleached Pulp



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-07-002 Sulfite Pulping</u></b>																
30700231	Acid Plant: NH3	0.00E+00	252	---	---	3.00E-01	252	0.00E+00	252	3.50E+00	402	---	---	---	---	Lb/Tons Air-dried Unbleached Pulp
30700232	Acid Plant: Na	0.00E+00	252	---	---	2.00E-01	252	0.00E+00	252	3.50E+00	402	---	---	---	---	Lb/Tons Air-dried Unbleached Pulp
30700233	Acid Plant: Ca	0.00E+00	252	---	---	8.00E+00	252	0.00E+00	252	3.50E+00	402	---	---	---	---	Lb/Tons Air-dried Unbleached Pulp
30700234	Knotters/Washers/Screens/etc.	0.00E+00	252	0.00E+00	252	1.20E+01	252	0.00E+00	252	---	---	---	---	---	---	Lb/Tons Air-dried Unbleached Pulp
<b><u>3-07-003 Neutral Sulfite Semichemical Pulping</u></b>																
30700301	Digester/Blow Pit/Dump Tank	---	---	---	---	4.00E+00	591	---	---	---	---	---	---	---	---	Lb/Tons Air-dried Unbleached Pulp
30700303	Fluid Bed Reactor	---	---	2.82E+02	683	---	---	1.60E+00	592	2.50E-01	252	---	---	---	---	Lb/Tons Air-dried Unbleached Pulp
30700304	Sulfur Burner/Absorbers	---	---	---	---	2.00E+01	252	---	---	---	---	---	---	---	---	Lb/Tons Air-dried Unbleached Pulp
<b><u>3-07-004 Pulpboard Manufacture</u></b>																
30700401	Paperboard: General	0.00E+00	252	0.00E+00	252	---	---	---	---	2.00E-01	252	---	---	---	---	Lb/Tons Finished Product
30700402	Fiberboard: General	6.00E-01	252	3.50E-01	252	---	---	---	---	2.50E+00	252	---	---	---	---	Lb/Tons Finished Product
<b><u>3-07-007 Plywood/Particleboard Operations</u></b>																
30700702	Sanding Operations	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons Processed
30700703	Particleboard Drying	6.00E-01	252	3.50E-01	252	---	---	---	---	---	---	---	---	---	---	Lb/Tons Processed
30700704	Waferboard Dryer	---	---	---	---	1.71E+00	429	1.14E+01	252	4.09E+01	252	---	---	---	---	Lb/1000 Lbs Wafers/Chips Dried
30700705	Hardboard: Coe Dryer	---	---	---	---	0.00E+00	252	3.00E-01	252	---	---	---	---	---	---	Lb/Tons of Dry Product
30700706	Hardboard: Predryer	---	---	---	---	0.00E+00	252	7.00E-02	410	---	---	---	---	---	---	Lb/Tons of Dry Product
30700707	Hardboard: Pressing	---	---	---	---	0.00E+00	252	---	---	---	---	---	---	---	---	Lb/Tons of Dry Product
30700708	Hardboard: Tempering	---	---	---	---	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---	---	Lb/Tons of Dry Product
30700709	Hardboard: Bake Oven	---	---	---	---	0.00E+00	252	1.00E-01	252	3.00E-03	252	---	---	---	---	Lb/Tons Product
30700711	Fir: Sapwood: Steam-fired Dryer	---	---	---	---	0.00E+00	252	---	---	4.50E-01	252	---	---	---	---	Lb/10*4 Sq. Ft. of 3/8 In. Plywood Produced
30700712	Fir: Sapwood: Gas-fired Dryer	---	---	---	---	0.00E+00	417	---	---	7.53E+00	252	---	---	---	---	Lb/10*4 Sq. Ft. of 3/8 In. Plywood Produced
30700713	Fir: Heartwood Plywood Veneer Dryer	---	---	---	---	0.00E+00	252	---	---	1.30E+00	252	---	---	---	---	Lb/10*4 Sq. Ft. of 3/8 In. Plywood Produced
30700714	Larch Plywood Veneer Dryer	---	---	---	---	0.00E+00	252	---	---	1.90E-01	252	---	---	---	---	Lb/10*4 Sq. Ft. of 3/8 In. Plywood Produced
30700715	Southern Pine Plywood Veneer Dryer	---	---	---	---	0.00E+00	252	---	---	2.94E+00	252	---	---	---	---	Lb/10*4 Sq. Ft. of 3/8 In. Plywood Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-07-008 Sawmill Operations</u></b>																
30700801	Log Debarking	2.00E-02	252	1.10E-02	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	---	---	Lb/Tons of Logs Processed
30700802	Log Sawing	3.50E-01	252	2.00E-01	252	0.00E+00	252	---	---	0.00E+00	252	---	---	---	---	Lb/Tons of Logs Processed
30700803	Sawdust Pile Handling	1.00E+00	252	3.60E-01	252	0.00E+00	252	---	---	0.00E+00	252	---	---	---	---	Lb/Tons of Sawdust
30700804	Sawing: Cyclone Exhaust	2.25E+00	252	9.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/SCFM Average Airflow
30700805	Planning/Trimming: Cyclone Exhaust	2.25E+00	252	9.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/SCFM Average Airflow
30700806	Sanding: Cyclone Exhaust	4.10E+00	376	2.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/SCFM Average Airflow
30700807	Sanderdust: Cyclone Exhaust	5.00E+00	252	2.50E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Hours of Operation
30700808	Other Cyclones: Exhaust	2.00E+00	252	8.00E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Hours of Operation
<b><u>3-07-030 Miscellaneous Wood Working Operations</u></b>																
30703001	Wood Waste Storage Bin Vent	1.00E+00	252	5.80E-01	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Wood Waste
30703002	Wood Waste Storage Bin Loadout	2.00E+00	252	1.20E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	Lb/Tons of Wood Waste
<b><u>3-07-900 Fuel Fired Equipment</u></b>																
30790001	Distillate Oil (No. 2): Process Heaters	---	---	---	---	1.43E+02	252	2.00E+01	252	2.00E-01	252	---	---	---	---	Lb/1000 Gallons Burned
30790002	Residual Oil: Process Heaters	---	---	---	---	1.58E+02	252	5.50E+01	252	2.80E-01	252	---	---	---	---	Lb/1000 Gallons Burned
30790003	Natural Gas: Process Heaters	---	---	---	---	6.00E-01	252	1.40E+02	252	2.80E+00	252	---	---	---	---	Lb/Million Cubic Feet Burned
30790011	Distillate Oil (No. 2): Incinerators	---	---	---	---	---	---	---	---	4.00E-01	252	---	---	---	---	Lb/1000 Gallons Burned
30790012	Residual Oil: Incinerators	---	---	---	---	---	---	---	---	5.60E-01	252	---	---	---	---	Lb/1000 Gallons Burned
30790013	Natural Gas: Incinerators	---	---	---	---	---	---	---	---	5.60E+00	---	---	---	---	---	Lb/Million Cubic Feet Burned
30790023	Natural Gas: Flares	---	---	---	---	---	---	---	---	5.60E+00	252	---	---	---	---	Lb/Million Cubic Feet Burned
<b><u>3-08 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</u></b>																
<b><u>3-08-001 Tire Manufacture</u></b>																
30800101	Undertread and Sidewall Cementing	---	---	---	---	---	---	---	---	2.29E+02	411	---	---	---	---	Lb/1000 Tires Produced
30800102	Bead Dipping	---	---	---	---	---	---	---	---	1.33E+01	411	---	---	---	---	Lb/1000 Tires Produced
30800103	Bead Swabbing	---	---	---	---	---	---	---	---	1.83E+01	411	---	---	---	---	Lb/1000 Tires Produced
30800104	Tire Building	---	---	---	---	---	---	---	---	7.26E+01	411	---	---	---	---	Lb/1000 Tires Produced
30800105	Tread End Cementing	---	---	---	---	---	---	---	---	3.32E+01	411	---	---	---	---	Lb/1000 Tires Produced
30800106	Green Tire Spraying	---	---	---	---	---	---	---	---	3.01E+02	411	---	---	---	---	Lb/1000 Tires Produced
30800107	Tire Curing	---	---	---	---	---	---	---	---	4.40E+00	411	---	---	---	---	Lb/1000 Tires Produced
30800108	Solvent Mixing	---	---	---	---	---	---	---	---	1.08E+01	252	---	---	---	---	Lb/Tons Solvent

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-08-001 Tire Manufacture</u></b>																
30800109	Solvent Storage ** (Use 4-07-004-01 thru 4-07-999-98 if possible)	---		---		0.00E+00		---		0.00E+00	252	---		---		Lb/Tons Solvent
30800110	Solvent Storage (Use 4-07-004-01 thru 4-07-999-98 if possible)	---		---		---		---		0.00E+00	252	---		---		Lb/1000 Gallons Throughput
30800120	Undertread and Sidewall Cementing	---		---		---		---		1.80E+03	252	---		---		Lb/Tons Solvent Used
30800121	Tread End Cementing	---		---		---		---		1.80E+03	252	---		---		Lb/Tons Solvent Used
30800122	Bead Dipping	---		---		---		---		1.80E+03	252	---		---		Lb/Tons Solvent Used
30800123	Green Tire Spraying	---		---		---		---		1.84E+03	252	---		---		Lb/Tons Solvent Used
<b><u>3-08-005 Tire Retreading</u></b>																
30800501	Tire Buffing Machines	---		---		0.00E+00	252	0.00E+00	252	6.00E+02	252	---		---		Lb/1000 Tires Processed
<b><u>3-08-007 Fiberglass Resin Products</u></b>																
30800701	Plastics Machining: Drilling/Sanding/Sawing/etc.	---		---		0.00E+00	252	0.00E+00	252	1.30E+01	252	---		---		Lb/Tons Processed
30800702	Mould Release	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Product
30800703	Solvent Consumption	---		---		---		---		6.49E+02	355	---		---		Lb/Tons Solvent
30800704	Adhesive Consumption	---		---		---		---		6.49E+02	355	---		---		Lb/Tons Adhesive
30800705	Wax Burnout Oven	---		---		---		---		0.00E+00	252	---		---		Lb/Tons of Wax Burned
<b><u>3-08-900 Process Heaters</u></b>																
30890001	Distillate Oil (No. 2)	---		---		1.43E+02	252	2.00E+01	252	2.00E-01	252	---		---		Lb/1000 Gallons Burned
30890002	Residual Oil	---		---		1.58E+02	252	5.50E+01	252	2.80E-01	252	---		---		Lb/1000 Gallons Burned
30890003	Natural Gas	---		---		6.00E-01	252	1.40E+02	252	2.80E+00	252	---		---		Lb/Million Cubic Feet Burned
30890011	Distillate Oil (No. 2): Incinerators	---		---		---		---		4.00E-01	252	---		---		Lb/1000 Gallons Burned
30890012	Residual Oil: Incinerators	---		---		---		---		5.60E-01	252	---		---		Lb/1000 Gallons Burned
30890013	Natural Gas: Incinerators	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
30890023	Natural Gas: Flares	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
<b><u>3-09 FABRICATED METAL PRODUCTS</u></b>																
<b><u>3-09-002 Abrasive Blasting of Metal Parts</u></b>																
30900201	General	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Tons Abrasive Consumed
30900202	Sand Abrasive	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		Lb/Tons Abrasive Consumed
30900203	Slag Abrasive	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		Lb/Tons Abrasive Consumed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<u>3-09-002 Abrasive Blasting of Metal Parts</u>																
30900204	Garnet Abrasive	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		Lb/Tons Abrasive Consumed
30900205	Steel Grit Abrasive	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		Lb/Tons Abrasive Consumed
30900206	Walnut Shell Abrasive	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		Lb/Tons Abrasive Consumed
30900207	Shotblast with Air	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		Lb/Tons Shot Consumed
30900208	Shotblast w/o Air	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		Lb/Tons Shot Consumed
30900299	General	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	---		---		Lb/Each
<u>3-09-003 Abrasive Cleaning of Metal Parts</u>																
30900301	Brush Cleaning	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	---		---		Lb/Tons Abrasive Consumed
30900302	Tumble Cleaning	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	---		---		Lb/Tons Abrasive Consumed
30900303	Polishing	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	---		---		Lb/Tons Abrasive Consumed
30900304	Buffing	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	357	---		---		Lb/Tons Abrasive Consumed
<u>3-09-010 Electroplating Operations</u>																
30901001	Entire Process: General	---		---		0.00E+00	252	9.00E-03	252	2.60E-02	252	---		---		Lb/Square Feet of Product Plated
<u>3-09-011 Conversion Coating of Metal Products</u>																
30901101	Alkaline Cleaning Bath	---		---		0.00E+00	252	---		---		---		---		Lb/Tons Processed
30901103	Anodizing Kettle	---		---		0.00E+00	252	---		---		---		---		Lb/Tons Processed
30901104	Rinsing/Finishing	---		---		0.00E+00	252	---		---		---		---		Lb/Tons Processed
<u>3-09-016 Metal Pipe Coating of Metal Parts</u>																
30901601	Asphalt Dipping	---		---		---		---		1.00E+03		---		---		Lb/Tons Pipe Processed
30901605	Asphalt Dipping	---		---		---		---		2.33E+01	442	---		---		Lb/1000 Sq. Ft. Pipe Processed
30901606	Pipe Spinning	---		---		---		---		2.33E+01	442	---		---		Lb/1000 Sq. Ft. Pipe Processed
30901607	Pipe Wrapping	---		---		---		---		2.33E+01	442	---		---		Lb/1000 Sq. Ft. Pipe Processed
<u>3-09-025 Drum Cleaning/Reclamation</u>																
30902501	Drum Burning Furnace	3.50E-02	252	2.00E-02	252	---		2.00E-03	252	0.00E+00	252	---		---		Lb/Drums Burned
<u>3-09-030 Machining Operations</u>																
30903004	Specify Material**	---		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		Lb/Tons Processed
<u>3-09-040 Metal Deposition Processes</u>																
30904001	Metallizing: Wire Atomization and Spraying	---		---		0.00E+00	252	0.00E+00	252	---		---		5.00E-01		Lb/Tons Sprayed Metal Consumed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-09-040 Metal Deposition Processes</u></b>																
30904010	Thermal Spraying of Powdered Metal	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons Sprayed Metal Consumed
30904020	Plasma Arc Spraying of Powdered Metal	---		---		0.00E+00	252	0.00E+00	252	---		---		---		Lb/Tons Sprayed Metal Consumed
<b><u>3-09-051 Shielded Metal Arc Welding (SMAW)</u></b>																
30905104	14Mn-4Cr Electrode	---		8.16E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905108	E11018 Electrode	---		1.64E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905112	E308 Electrode	---		1.08E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905116	E310 Electrode	---		1.51E+01	1404	---		---		---		---		2.40E-02	1404	Lb/1000 Lbs Electrode
30905120	E316 Electrode	---		1.00E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905124	E410 Electrode	---		1.32E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905128	E6010 Electrode	---		2.56E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905132	E6011 Electrode	---		3.84E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905136	E6012 Electrode	---		8.00E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905140	E6013 Electrode	---		1.97E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905144	E7018 Electrode	---		1.84E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905148	E7024 Electrode	---		9.20E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905152	E7028 Electrode	---		1.80E+01	1404	---		---		---		---		1.62E-01	1404	Lb/1000 Lbs Electrode
30905156	E8018 Electrode	---		1.71E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905160	E9015 Electrode	---		1.70E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905164	E9018 Electrode	---		1.69E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905168	ECoCr-A Electrode	---		2.79E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905172	ENi-CI Electrode	---		1.82E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905176	ENiCrMo Electrode	---		1.17E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905180	ENi-Cu Electrode	---		1.01E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
<b><u>3-09-052 Gas Metal Arc Welding (GMAW)</u></b>																
30905210	ER1260 Electrode	---		2.05E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905212	E3081 Electrode	---		5.40E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905220	ER316 Electrode	---		3.20E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905226	ER5154 Electrode	---		2.41E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905254	E70S Electrode	---		5.20E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905276	ERNiCrMo Electrode	---		3.90E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-09-052 Gas Metal Arc Welding (GMAW)</u></b>																
30905280	ERNiCu Electrode	---		2.00E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
<b><u>3-09-053 Flux Cored Arc Welding (FCAW)</u></b>																
30905306	E110 T5-K3 Electrode	---		2.08E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905308	E11018 Electrode	---		5.70E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905312	E308LT Electrode	---		9.10E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905320	E316LT Electrode	---		8.50E+00	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905354	E70T Electrode	---		1.51E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
30905355	E71T Electrode	---		1.22E+01	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
<b><u>3-09-054 Submerged Arc Welding (SAW)</u></b>																
30905410	EM12K Electrode	---		5.00E-02	1404	---		---		---		---		---		Lb/1000 Lbs Electrode
<b><u>3-09-900 Fuel Fired Equipment</u></b>																
30990001	Distillate Oil (No. 2): Process Heaters	---		---		1.43E+02	252	2.00E+01	252	2.00E-01	252	---		---		Lb/1000 Gallons Burned
30990002	Residual Oil: Process Heaters	---		---		1.58E+02	252	5.50E+01	252	2.80E-01	252	---		---		Lb/1000 Gallons Burned
30990003	Natural Gas: Process Heaters	---		---		6.00E-01	252	1.40E+02	252	2.80E+00	252	---		---		Lb/Million Cubic Feet Burned
30990011	Distillate Oil (No. 2): Incinerators	---		---		---		---		4.00E-01	252	---		---		Lb/1000 Gallons Burned
30990012	Residual Oil: Incinerators	---		---		---		---		5.60E-01	252	---		---		Lb/1000 Gallons Burned
30990013	Natural Gas: Incinerators	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
30990023	Natural Gas: Flares	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
<b><u>3-10 OIL AND GAS PRODUCTION</u></b>																
<b><u>3-10-001 Crude Oil Production</u></b>																
31000101	Complete Well: Fugitive Emissions	---		---		---		---		3.96E+02	252	---		---		Lb/Wells/Year in Operation
31000102	Miscellaneous Well: General	---		---		---		---		2.80E+02	252	---		---		Lb/Wells/Year in Operation
31000103	Wells: Rod Pumps	---		---		---		---		4.56E+02	252	---		---		Lb/Wells/Year in Operation
31000104	Crude Oil Sumps	---		---		---		---		9.00E+00	252	---		---		Lb/Square Feet Sump Area/Year
31000105	Crude Oil Pits	---		---		---		---		9.00E+00	252	---		---		Lb/Square Feet Sump Area/Year
<b><u>3-10-002 Natural Gas Production</u></b>																
31000201	Gas Sweetening: Amine Process	0.00E+00	252	0.00E+00	252	1.68E+03	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		Lb/Million Cubic Feet Sour Gas Processed
31000202	Gas Stripping Operations	---		---		3.12E+02	297	---		---		---		---		Lb/Million Cubic Feet Gas Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-10-002 Natural Gas Production</u></b>																
31000203	Compressors	---		---		---		---		6.00E+00	114	---		---		Lb/Million Cubic Feet Gas Produced
31000204	Wells	---		---		---		---		3.53E+01	258	---		---		Lb/Million Cubic Feet Gas Produced
31000205	Flares	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Gas Produced
31000206	Gas Lift	---		---		---		---		6.00E+00	252	---		---		Lb/Million Cubic Feet Gas Produced
<b><u>3-10-004 Process Heaters</u></b>																
31000401	Distillate Oil (No. 2)	2.00E+00	252	1.00E+00	252	1.43E+02	252	2.00E+01	252	2.00E-01	252	5.00E+00	252	---		Lb/1000 Gallons Burned
31000402	Residual Oil	1.20E+01	252	1.03E+01	252	1.58E+02	252	5.50E+01	252	2.80E-01	252	5.00E+00	252	2.23E-03	710	Lb/1000 Gallons Burned
31000403	Crude Oil	1.20E+01	252	1.03E+01	252	1.58E+02	252	5.50E+01	252	2.80E-01	252	5.00E+00	252	---		Lb/1000 Gallons Burned
31000404	Natural Gas	3.00E+00	252	3.00E+00	252	6.00E-01	252	1.40E+02	252	2.80E+00	252	3.50E+01	252	---		Lb/Million Cubic Feet Burned
31000405	Process Gas	3.00E+00	252	3.00E+00	252	9.50E+02		1.40E+02	252	2.80E+00	252	3.50E+01	252	---		Lb/Million Cubic Feet Burned
31000411	Distillate Oil (No. 2): Steam Generators	2.00E+00	252	1.00E+00	252	1.43E+02	252	2.00E+01	252	2.00E-01	252	5.00E+00	252	---		Lb/1000 Gallons Burned
31000412	Residual Oil: Steam Generators	1.20E+01	252	1.03E+01	252	1.58E+02	252	5.50E+01	252	2.80E-01	252	5.00E+00	252	---		Lb/1000 Gallons Burned
31000413	Crude Oil: Steam Generators	1.20E+01	252	1.03E+01	252	1.58E+02	252	5.50E+01	252	2.80E-01	252	5.00E+00	252	---		Lb/1000 Gallons Burned
31000414	Natural Gas: Steam Generators	3.00E+00	252	3.00E+00	252	6.00E-01	252	1.40E+02	252	2.80E+00	252	3.50E+01	252	---		Lb/Million Cubic Feet Burned
31000415	Process Gas: Steam Generators	3.00E+00	252	3.00E+00	252	---		1.40E+02	252	2.80E+00	252	3.50E+01	252	---		Lb/Million Cubic Feet Burned
<b><u>3-13 ELECTRICAL EQUIPMENT</u></b>																
<b><u>3-13-070 Electrical Windings Reclamation</u></b>																
31307001	Single Chamber Incinerator/Oven	---		---		2.50E+00	252	---		---		---		---		Lb/Tons Charged
31307002	Multiple Chamber Incinerator/Oven	---		---		2.50E+00	252	---		---		---		---		Lb/Tons Charged
<b><u>3-13-900 Process Heaters</u></b>																
31390001	Distillate Oil (No. 2)	---		---		1.43E+02	252	2.00E+01	252	2.00E-01	252	---		---		Lb/1000 Gallons Burned
31390002	Residual Oil	---		---		1.58E+02	252	5.50E+01	252	2.80E-01	252	---		---		Lb/1000 Gallons Burned
31390003	Natural Gas	---		---		6.00E-01	252	1.40E+02	252	2.80E+00	252	---		---		Lb/Million Cubic Feet Burned
<b><u>3-14 TRANSPORTATION EQUIPMENT</u></b>																
<b><u>3-14-009 Automobiles/Truck Assembly Operations</u></b>																
31400901	Solder Joint Grinding	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Number of Vehicles Processed
<b><u>3-14-010 Brake Shoe Debonding</u></b>																
31401001	Single Chamber Incinerator	---		---		2.50E+00	252	---		---		---		---		Lb/Tons Charged

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-14-010 Brake Shoe Debonding</u></b>																
31401002	Multiple Chamber Incinerator	---		---		2.50E+00	341	---		---		---		---		Lb/Tons Charged
<b><u>3-14-011 Auto Body Shredding</u></b>																
31401101	Primary Metal Recovery Line	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Scrap Processed
31401102	Secondary Metal Recovery Line	---		---		0.00E+00	252	0.00E+00	252	0.00E+00	252	---		---		Lb/Tons of Scrap Processed
<b><u>3-15 PHOTOGRAPHIC EQUIPMENT</u></b>																
<b><u>3-15-010 Photocopying Equipment Manufacturing</u></b>																
31501001	Resin Transfer/Storage	---		---		---		---		0.00E+00	252	---		---		Lb/1000 Lbs Resin
31501002	Toner Classification	---		---		---		---		6.30E+02	994	---		---		Lb/1000 Lbs Toner
31501003	Toner (Carbon Black) Grinding	---		---		---		---		0.00E+00	252	---		---		Lb/1000 Lbs Toner
<b><u>3-15-020 Health Care - Hospitals</u></b>																
31502001	Sterilization with Ethylene Oxide	---		---		---		---		2.00E+03	252	---		---		Lb/Tons Ethylene Oxide Consumed
<b><u>3-15-021 Health Care - Crematoriums</u></b>																
31502101	Crematory Stack	5.59E-05	1167	---		1.20E-01	1167	---		---		3.10E-01	1167	4.10E-08	1167	Lb/Bodies
<b><u>3-20 LEATHER AND LEATHER PRODUCTS</u></b>																
<b><u>3-20-999 Other Not Classified</u></b>																
32099998	Other Not Classified	---		---		---		---		1.90E+03	252	---		---		Lb/Gallons
<b><u>3-30 TEXTILE PRODUCTS</u></b>																
<b><u>3-30-001 Miscellaneous</u></b>																
33000101	Yarn Preparation/Bleaching	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Processed
33000102	Printing	---		---		---		---		2.84E+02	252	---		---		Lb/Tons Processed
33000103	Polyester Thread Production	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Processed
33000104	Tenter Frames: Heat Setting	---		---		---		---		4.70E-01	252	---		---		Lb/Tons Processed
33000105	Carding	---		---		---		---		0.00E+00	252	---		---		Lb/Tons Processed
<b><u>3-30-002 Rubberized Fabrics</u></b>																
33000212	Wet Coating	---		---		---		---		1.20E+03	252	---		---		Lb/Tons Coating Applied
33000214	Wet Coating Mixing	---		---		---		---		1.20E+02	252	---		---		Lb/Tons Coating Mixed



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-60 PRINTING AND PUBLISHING</u></b>																
<b><u>3-60-001 Typesetting (Lead Remelting)</u></b>																
36000101	Remelting (Lead Emissions Only)	7.00E-01	1402	1.80E-01	252	---		---		---		---		2.50E-01	1402	Lb/Tons Melted
<b><u>3-85 COOLING TOWER</u></b>																
<b><u>3-85-001 Process Cooling</u></b>																
38500101	Mechanical Draft	---		1.90E+01	1406	---		---		---		---		---		Lb/Million Gallons Throughput
38500120	Mechanical Draft	---		1.90E+01	1406	---		---		---		---		---		Lb/Million Gallons Throughput
<b><u>3-90 IN-PROCESS FUEL USE</u></b>																
<b><u>3-90-001 In-process Fuel Use</u></b>																
39000189	General	1.00E+01	A 601	2.30E+00	664	3.90E+01	S 252	1.80E+01	252	7.00E-02	252	6.00E-01	601	---		Lb/Tons Burned
<b><u>3-90-002 In-process Fuel Use</u></b>																
39000288	General (Subbituminous)	7.00E+00	A 601	1.60E+00	665	3.90E+01	S 252	3.40E+01	601	7.00E-02	252	6.00E-01	601	---		Lb/Tons Burned
39000289	General (Bituminous)	7.00E+00	A 601	1.40E+00	666	3.90E+01	S 252	3.40E+01	601	7.00E-02	252	6.00E-01	601	---		Lb/Tons Burned
<b><u>3-90-003 In-process Fuel Use</u></b>																
39000389	General	6.30E+00	A 601	1.30E+00	667	3.00E+01	S 252	1.40E+01	601	7.00E-02	252	6.00E-01	601	---		Lb/Tons Burned
<b><u>3-90-004 In-process Fuel Use</u></b>																
39000402	Cement Kiln/Dryer	---		---		0.00E+00	529	---		0.00E+00		---		---		Lb/1000 Gallons Burned
39000403	Lime Kiln	---		---		7.95E+01	529	---		---		---		---		Lb/1000 Gallons Burned
39000489	General	1.20E+01		1.03E+01	668	1.58E+02		5.50E+01	252	2.80E-01	252	5.00E+00	252	---		Lb/1000 Gallons Burned
<b><u>3-90-005 In-process Fuel Use</u></b>																
39000501	Asphalt Dryer **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		Lb/1000 Gallons Burned
39000502	Cement Kiln/Dryer	---		---		9.80E+01	252	---		---		---		---		Lb/1000 Gallons Burned
39000503	Lime Kiln	---		---		7.20E+01	252	---		---		---		---		Lb/1000 Gallons Burned
39000589	General	2.00E+00	252	1.00E+00	669	1.43E+02	252	2.00E+01	252	2.00E-01	252	5.00E+00	252	---		Lb/1000 Gallons Burned
<b><u>3-90-006 In-process Fuel Use</u></b>																
39000605	Metal Melting **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		Lb/Million Cubic Feet Burned
39000689	General	3.00E+00	526	3.00E+00	670	6.00E-01	601	---		---		---		---		Lb/Million Cubic Feet Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>3-90-007 In-process Fuel Use</u></b>																
39000788	General	---		3.00E+00	691	---		---		---		---		---		Lb/Million Cubic Feet Burned
39000789	Coke Oven Gas	---		4.30E+00	692	---		---		---		---		---		Lb/Million Cubic Feet Burned
<b><u>3-90-008 In-process Fuel Use</u></b>																
39000801	Mineral Wool Fuel **	0.00E+00		---		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		Lb/Tons Burned
39000889	General: Wood	---		6.30E+00	693	---		---		---		---		---		Lb/Tons Burned
<b><u>3-90-009 In-process Fuel Use</u></b>																
39000989	General: LPG	---		7.20E+00	694	---		---		---		---		---		Lb/Tons Burned
<b><u>3-90-010 In-process Fuel Use</u></b>																
39001089	General	2.60E-01	527	2.60E-01	695	---		8.80E+00	528	4.70E-01	528	1.80E+00	528	---		Lb/1000 Gallons Burned
<b><u>3-90-013 In-process Fuel Use</u></b>																
39001389	General	1.90E+01	601	1.63E+01	696	---		---		---		---		---		Lb/1000 Gallons Burned
39001399	General	---		0.00E+00		---		0.00E+00		0.00E+00		0.00E+00		---		Lb/1000 Gallons Burned
<b><u>3-99 MISCELLANEOUS MANUFACTURING INDUSTRIES</u></b>																
<b><u>3-99-900 Miscellaneous Manufacturing Industries</u></b>																
39990001	Distillate Oil (No. 2): Process Heaters	---		---		1.43E+02	180	2.00E+01	180	2.00E-01	180	---		---		Lb/1000 Gallons Burned
39990002	Residual Oil: Process Heaters	---		---		1.58E+02	180	5.50E+01	180	2.80E-01	180	---		---		Lb/1000 Gallons Burned
39990003	Natural Gas: Process Heaters	---		---		6.00E+01	180	1.40E+02	180	2.80E+00	180	---		---		Lb/Million Cubic Feet Burned
39990004	Process Gas: Process Heaters	---		---		9.50E+02	180	1.40E+02	180	2.80E+00	180	---		---		Lb/Million Cubic Feet Burned
39990011	Distillate Oil (No. 2): Incinerators	---		---		---		---		4.00E-01	181	---		---		Lb/1000 Gallons Burned
39990012	Residual Oil: Incinerators	---		---		---		---		5.60E-01	181	---		---		Lb/1000 Gallons Burned
39990013	Natural Gas: Incinerators	---		---		---		---		5.60E+00	181	---		---		Lb/Million Cubic Feet Burned
39990014	Process Gas: Incinerators	---		---		---		---		5.60E+00	181	---		---		Lb/Million Cubic Feet Burned
39990023	Natural Gas: Flares	---		---		---		---		5.60E+00	181	---		---		Lb/Million Cubic Feet Burned
39990024	Process Gas: Flares	---		---		---		---		5.60E+00	181	---		---		Lb/Million Cubic Feet Burned

## **4 PETROLEUM AND SOLVENT EVAPORATION**

### **4-01 ORGANIC SOLVENT EVAPORATION**

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-01-001 Dry Cleaning</u></b>																
40100101	Perchloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.50E+02	357	0.00E+00	357	0.00E+00	357	Lb/Tons Clothes Cleaned
40100102	Stoddard (Petroleum Solvent) ** (Use 4-10-001-01 or 4-10-002-01)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.60E+02	357	0.00E+00	357	0.00E+00	357	Lb/Tons Clothes Cleaned
40100103	Perchloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	368	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100104	Stoddard (Petroleum Solvent) ** (Use 4-10-001-02 or 4-10-002-02)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	357	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100105	Trichlorotrifluoroethane (Freon)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	369	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100106	Trichlorotrifluoroethane (Freon)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	369	0.00E+00	357	0.00E+00	357	Lb/Tons Clothes Cleaned
40100198	Other Not Classified	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
<b><u>4-01-002 Degreasing</u></b>																
40100201	Stoddard (Petroleum Solvent): Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100202	1,1,1-Trichloroethane (Methyl Chloroform): Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	369	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100203	Perchloroethylene: Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100204	Methylene Chloride: Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	372	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100205	Trichloroethylene: Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100206	Toluene: Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100207	Trichlorotrifluoroethane (Freon): Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	369	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100208	Chlorosolve: Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100209	Butyl Acetate	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100215	Entire Unit: Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.10E+04	252	0.00E+00	357	0.00E+00	357	Lb/Degreasing Units in Operation
40100216	Degreaser: Entire Unit	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.50E+02	370	0.00E+00	357	0.00E+00	357	Lb/1000 Sq. Ft. Product Surface Area
40100217	Entire Unit	0.00E+00 *	357	0.00E+00 *	357	0.00E+00 *	357	0.00E+00 *	357	1.50E-01 *	252	0.00E+00 *	357	0.00E+00 *	357	Lb/Sq. Feet Surface Area X Hours Operated
		lb/sq ft surface area		lb/sq ft surface area		lb/sq ft surface area		lb/sq ft surface area		lb/sq ft surface area		lb/sq ft surface area		lb/sq ft surface area		
40100221	Stoddard (Petroleum Solvent): Conveyorized Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100222	1,1,1-Trichloroethane (Methyl Chloroform): Conveyorized Vapor Degreaser	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.03E+03	357	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100223	Perchloroethylene: Conveyorized Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-01-002 Degreasing</u></b>																
40100224	Methylene Chloride: Conveyorized Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	372	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100225	Trichloroethylene: Conveyorized Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Make-up Solvent Used
40100235	Entire Unit: with Vaporized Solvent: Conveyorized Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.20E+04	252	0.00E+00	357	0.00E+00	357	Lb/Degreasing Units in Operation
40100236	Entire Unit: with Non-boiling Solvent: Conveyorized Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.04E+05	252	0.00E+00	357	0.00E+00	357	Lb/Degreasing Units in Operation
40100251	Stoddard (Petroleum Solvent): General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.00E+00	572	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100252	1,1,1-Trichloroethane (Methyl Chloroform): General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	569	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100253	Perchloroethylene: General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.36E+01	571	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100254	Methylene Chloride: General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	569	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100255	Trichloroethylene: General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.22E+01	571	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100256	Toluene: General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.20E+00	571	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100257	Trichlorotrifluoroethane (Freon): General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100258	Trichlorofluoromethane: General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100259	1,1,1-Trichloroethane (Methyl Chloroform): General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100295	Other Not Classified: General Degreasing Units	---	---	---	---	---	---	---	---	---	---	---	---	0.00E+00	357	Lb/Gallons Solvent Consumed
40100296	Other Not Classified: General Degreasing Units	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	0.00E+00	357	Lb/Gallons Solvent Consumed
40100297	Other Not Classified: Open-top Vapor Degreasing	0.00E+00	357	0.00E+00	357	0.00E+00	---	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/Gallons Solvent Consumed
40100298	Other Not Classified: Conveyorized Vapor Degreasing	0.00E+00	---	0.00E+00	357	0.00E+00	---	0.00E+00	357	2.00E+03	252	0.00E+00	357	---	---	Lb/Tons Make-up Solvent Used
40100299	Other Not Classified: Open-top Vapor Degreasing	0.00E+00	---	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/Tons Make-up Solvent Used
<b><u>4-01-003 Cold Solvent Cleaning/Stripping</u></b>																
40100301	Methanol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100302	Methylene Chloride	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	372	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100303	Stoddard (Petroleum Solvent)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100304	Perchloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100305	1,1,1-Trichloroethane (Methyl Chloroform)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	568	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-01-003 Cold Solvent Cleaning/Stripping</u></b>																
40100306	Trichloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100307	Isopropyl Alcohol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100308	Methyl Ethyl Ketone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100309	Freon	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100310	Acetone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100335	Entire Unit	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.60E+02	257	0.00E+00	357	0.00E+00	357	Lb/Cold Cleaners in Operation
40100336	Degreaser: Entire Unit	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.00E+01	570	0.00E+00	357	0.00E+00	357	Lb/1000 Sq. Ft. Product Surface Area
40100399	Other Not Classified	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
<b><u>4-01-004 Knit Fabric Scouring with Chlorinated Solvent</u></b>																
40100401	Perchloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
40100499	Other Not Classified	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
<b><u>4-02 SURFACE COATING OPERATIONS</u></b>																
<b><u>4-02-001 Surface Coating Application - General</u></b>																
40200101	Paint: Solvent-base	---		---		0.00E+00	357	0.00E+00	357	1.12E+03	357	0.00E+00	357	---		Lb/Tons Coating Mix Applied
40200110	Paint: Solvent-base	---		---		0.00E+00	357	0.00E+00	357	5.60E+00	571	0.00E+00	357	---		Lb/Gallons of Coating
<b><u>4-02-002 Surface Coating Application - General</u></b>																
40200201	Paint: Water-base	---		---		0.00E+00	357	0.00E+00	357	2.46E+02	574	0.00E+00	357	---		Lb/Tons Coating Mix Applied
40200210	Paint: Water-base	---		---		0.00E+00	357	0.00E+00	357	1.30E+00	575	0.00E+00	357	---		Lb/Gallons of Coating
<b><u>4-02-003 Surface Coating Application - General</u></b>																
40200301	Varnish/Shellac	---		---		0.00E+00	357	0.00E+00	357	1.00E+03	252	0.00E+00	357	---		Lb/Tons Coating Mix Applied
40200310	Varnish/Shellac	---		---		0.00E+00	357	0.00E+00	357	3.30E+00	252	0.00E+00	357	---		Lb/Gallons of Coating
<b><u>4-02-004 Surface Coating Application - General</u></b>																
40200401	Lacquer	---		---		0.00E+00	357	0.00E+00	357	1.54E+03	252	0.00E+00	357	---		Lb/Tons Coating Mix Applied
40200410	Lacquer	---		---		0.00E+00	357	0.00E+00	357	6.10E+00	252	0.00E+00	357	---		Lb/Gallons of Coating
<b><u>4-02-005 Surface Coating Application - General</u></b>																
40200501	Enamel	---		---		0.00E+00	357	0.00E+00	357	8.40E+02	252	0.00E+00	357	---		Lb/Tons Coating Mix Applied
40200510	Enamel	---		---		0.00E+00	357	0.00E+00	357	3.50E+00	252	0.00E+00	357	---		Lb/Gallons of Coating

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-02-006 Surface Coating Application - General</u></b>																
40200601	Primer	---		---		0.00E+00	357	0.00E+00	357	1.32E+03	252	0.00E+00	357	---		Lb/Tons Coating Mix Applied
40200610	Primer	---		---		0.00E+00	357	0.00E+00	357	6.60E+00	252	0.00E+00	357	---		Lb/Gallons of Coating
<b><u>4-02-007 Surface Coating Application - General</u></b>																
40200701	Adhesive Application	---		---		0.00E+00	357	0.00E+00	357	1.27E+03	256	0.00E+00	357	---		Lb/Tons Coating Mix Applied
40200706	Adhesive: Solvent Mixing	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Tons Solvent Mixed
40200707	Adhesive: Solvent Storage	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent Stored
40200710	Adhesive: General	---		---		0.00E+00	357	0.00E+00	357	4.40E+00	257	0.00E+00	357	---		Lb/Gallons of Coating
<b><u>4-02-008 Coating Oven - General</u></b>																
40200802	Dried < 175F **	---		---		---		0.00E+00		---		0.00E+00		---		Lb/Tons of Coating
40200803	Baked > 175F **	---		---		---		0.00E+00		---		0.00E+00		---		Lb/Tons of Coating
40200899	See Comment **	---		---		---		0.00E+00		---		0.00E+00		---		Lb/Tons of Coating
<b><u>4-02-009 Thinning Solvents - General</u></b>																
40200901	General: Specify in Comments	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200902	Acetone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200903	Butyl Acetate	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200904	Butyl Alcohol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200905	Carbitol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200906	Cellosolve	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200907	Cellosolve Acetate	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200908	Dimethyl Formamide	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200909	Ethyl Acetate	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200910	Ethyl Alcohol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200911	Gasoline	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200912	Isopropyl Alcohol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200913	Isopropyl Acetate	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200914	Kerosene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200915	Lactol Spirits	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200916	Methyl Acetate	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200917	Methyl Alcohol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200918	Methyl Ethyl Ketone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-02-009 Thinning Solvents - General</u></b>																
40200919	Methyl Isobutyl Ketone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200920	Mineral Spirits	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200921	Naphtha	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200922	Toluene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200923	Varsol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200924	Xylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200925	Benzene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200926	Turpentine	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200927	Hexylene Glycol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200928	Ethylene Oxide	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200929	1,1,1-Trichloroethane (Methyl Chloroform)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	569	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200930	Methylene Chloride	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	569	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200931	Perchloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent
40200998	General: Specify in Comments	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Gallons Solvent
<b><u>4-02-010 Coating Oven Heater</u></b>																
40201001	Natural Gas	3.00E+00	579	3.00E+00	579	6.00E-01	579	---		---		---		---		Lb/Million Cubic Feet Burned
40201002	Distillate Oil	2.00E+00	579	---		1.43E+02	252	---		---		---		---		Lb/1000 Gallons Burned
40201003	Residual Oil	1.20E+01	579	---		1.58E+02	579	---		---		---		---		Lb/1000 Gallons Burned
40201004	Liquified Petroleum Gas (LPG)	2.80E-01	579	---		9.00E-02	579	---		---		---		---		Lb/1000 Gallons Burned
<b><u>4-02-011 Fabric Coating/Printing</u></b>																
40201101	Coating Operation (Also See Specific Coating Method Codes 4-02-04X)	---		---		0.00E+00	357	0.00E+00	357	1.60E+03	580	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201103	Coating Mixing (Also See Specific Coating Method Codes 4-02-04X)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+02	580	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201104	Coating Storage (Also See Specific Coating Method Codes 4-02-04X)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	580	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201105	Equipment Cleanup: Fabric Coating (Also Spec Coat Method Codes 4-02-04X)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+02	580	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201111	Fabric Printing: Roller (Also See New Codes Under 4-02-040-XX)	---		---		---		---		2.84E+02	252	---		---		Lb/Tons of Fabric
40201112	Fabric Printing: Roller (Also See New Codes Under 4-02-040-XX)	---		---		---		---		2.78E+05	252	---		---		Lb/Printing Lines

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>4-02-011 Fabric Coating/Printing</i></b>																
40201113	Fabric Printing: Rotary Screen (Also See New Codes Under 4-02-040-XX)	---		---		---		---		4.60E+01	252	---		---		Lb/Tons of Fabric
40201114	Fabric Printing: Rotary Screen (Also See New Codes Under 4-02-040-XX)	---		---		---		---		6.20E+04	252	---		---		Lb/Printing Lines
40201115	Fabric Printing: Flat Screen (Also See New Codes Under 4-02-040-XX)	---		---		---		---		1.58E+02	252	---		---		Lb/Tons of Fabric
40201116	Fabric Printing: Flat Screen (Also See New Codes Under 4-02-040-XX)	---		---		---		---		6.20E+04	252	---		---		Lb/Printing Lines
40201199	Other Not Classified (Also See New Codes Under 4-02-040-XX)	---		---		---		---		2.00E+03	568	---		---		Lb/Tons Solvent in Coating
<b><i>4-02-012 Fabric Dyeing</i></b>																
40201201	Dye Application: General (Also See New Codes Under 4-02-060-XX)	---		---		0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Tons Dye Consumed
40201210	Dye Application: General (Also See New Codes Under 4-02-060-XX)	---		---		0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Gallons Dye Consumed
<b><i>4-02-013 Paper Coating</i></b>																
40201301	Coating Operation	---		---		0.00E+00	357	0.00E+00	357	1.40E+03	581	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201303	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	3.00E+02	581	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201304	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	581	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201305	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	3.00E+02	581	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201399	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><i>4-02-014 Large Appliances</i></b>																
40201401	Prime Coating Operation	---		---		0.00E+00	357	0.00E+00	357	9.00E+02	541	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201402	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	541	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201403	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	541	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201404	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	541	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201405	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	541	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201406	Topcoat Spray	---		---		0.00E+00	357	0.00E+00	357	7.00E+02	541	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201431	Coating Line: General	---		---		0.00E+00	357	0.00E+00	357	9.00E+01	541	0.00E+00	357	---		Lb/Appliances Produced
40201432	Prime Air Spray	---		---		0.00E+00	357	0.00E+00	357	3.10E+00	541	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-02-014 Large Appliances</u></b>																
40201433	Prime Electrostatic Spray	---		---		0.00E+00	357	0.00E+00	357	1.79E+00	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40201434	Prime Flow Coat	---		---		0.00E+00	357	0.00E+00	357	1.65E+00	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40201435	Prime Dip Coat	---		---		0.00E+00	357	0.00E+00	357	1.65E+00	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40201436	Prime Electro-deposition	---		---		0.00E+00	357	0.00E+00	357	1.50E+00	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40201437	Top Air Spray	---		---		0.00E+00	357	0.00E+00	357	6.30E+00	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40201438	Top Electrostatic Spray	---		---		0.00E+00	357	0.00E+00	357	3.20E+00	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40201499	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	368	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><u>4-02-015 Magnet Wire Surface Coating</u></b>																
40201501	Coating/Application/Curing	---		---		0.00E+00	357	0.00E+00	357	1.60E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201502	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201503	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201504	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201505	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201531	Coating Line: General	---		---		0.00E+00	357	0.00E+00	357	1.86E+05	252	0.00E+00	357	---		Lb/Coating Lines
40201599	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><u>4-02-016 Automobiles and Light Trucks</u></b>																
40201601	Prime Application/Electro-deposition/Dip/Spray	9.68E+00		6.40E+00	252	0.00E+00	357	0.00E+00	357	5.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201602	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201603	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201604	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201605	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201606	Topcoat Operation	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201619	Prime Surfacing Operation	---		---		0.00E+00	357	0.00E+00	357	1.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201620	Repair Topcoat Application Area	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201621	Prime Coating: Solvent-borne - Automobiles	---		---		0.00E+00	357	0.00E+00	357	1.45E+01	252	0.00E+00	357	---		Lb/Vehicles Produced

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-02-016 Automobiles and Light Trucks</u></b>																
40201622	Prime Coating: Electro-deposition - Automobiles	---		---		0.00E+00	357	0.00E+00	357	4.50E-01	252	0.00E+00	357	---		Lb/Vehicles Produced
40201623	Guide Coating: Solvent-borne - Automobiles	---		---		0.00E+00	357	0.00E+00	357	4.16E+00	252	0.00E+00	357	---		Lb/Vehicles Produced
40201624	Guide Coating: Water-borne - Automobiles	---		---		0.00E+00	357	0.00E+00	357	1.50E+00	252	0.00E+00	357	---		Lb/Vehicles Produced
40201625	Topcoat: Solvent-borne - Automobiles	---		---		0.00E+00	357	0.00E+00	357	2.73E+01	583	0.00E+00	357	---		Lb/Vehicles Produced
40201626	Topcoat: Water-borne - Automobiles	---		---		0.00E+00	357	0.00E+00	357	4.95E+00	252	0.00E+00	357	---		Lb/Vehicles Produced
40201627	Prime Coating: Solvent-borne - Light Trucks	---		---		0.00E+00	357	0.00E+00	357	4.23E+01	252	0.00E+00	357	---		Lb/Vehicles Produced
40201628	Prime Coating: Electro-deposition - Light Trucks	---		---		0.00E+00	357	0.00E+00	357	5.80E-01	252	0.00E+00	357	---		Lb/Vehicles Produced
40201629	Guide Coating: Solvent-borne - Light Trucks	---		---		0.00E+00	357	0.00E+00	357	1.40E+01	252	0.00E+00	357	---		Lb/Vehicles Produced
40201630	Guide Coating: Water-borne - Light Trucks	---		---		0.00E+00	357	0.00E+00	357	5.06E+00	252	0.00E+00	357	---		Lb/Vehicles Produced
40201631	Topcoat: Solvent-borne - Light Trucks	---		---		0.00E+00	357	0.00E+00	357	4.03E+01	583	0.00E+00	357	---		Lb/Vehicles Produced
40201632	Topcoat: Water-borne - Light Trucks	---		---		0.00E+00	357	0.00E+00	357	1.54E+01	252	0.00E+00	357	---		Lb/Vehicles Produced
40201699	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><u>4-02-017 Metal Can Coating</u></b>																
40201702	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201703	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201704	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201705	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201721	Two Piece Exterior Base Coating	---		---		0.00E+00	357	0.00E+00	357	9.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201722	Interior Spray Coating	---		---		0.00E+00	357	0.00E+00	357	4.00E+02	584	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201723	Sheet Base Coating (Interior)	---		---		0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Tons Solvent in Coating
40201724	Sheet Base Coating (Exterior)	---		---		0.00E+00	357	0.00E+00	357	7.00E+02	584	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201725	Side Seam Spray Coating	---		---		0.00E+00	357	0.00E+00	357	1.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201726	End Sealing Compound (Also See 4-02-017-36 & -37)	---		---		0.00E+00	357	0.00E+00	357	1.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201727	Lithography	---		---		0.00E+00	357	0.00E+00	357	4.00E+02	584	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201728	Over Varnish	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	583	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201731	Three-piece Can Sheet Base Coating	---		---		0.00E+00	357	0.00E+00	357	3.52E+05	252	0.00E+00	357	---		Lb/Coating Lines
40201732	Three-piece Can Sheet Lithographic Coating Line	---		---		0.00E+00	357	0.00E+00	357	1.10E+05	252	0.00E+00	357	---		Lb/Coating Lines
40201733	Three-piece Can-side Seam Spray Coating	---		---		0.00E+00	357	0.00E+00	357	4.00E+04	252	0.00E+00	357	---		Lb/Coating Lines
40201734	Three-piece Can Interior Body Spray Coat	---		---		0.00E+00	357	0.00E+00	357	1.76E+05	252	0.00E+00	357	---		Lb/Coating Lines
40201735	Two-piece Can Coating Line	---		---		0.00E+00	357	0.00E+00	357	5.74E+05	252	0.00E+00	357	---		Lb/Coating Lines

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>4-02-017 Metal Can Coating</i></b>																
40201736	Two-piece Can End Sealing Compound	---		---		0.00E+00	357	0.00E+00	357	3.00E+04	252	0.00E+00	357	---		Lb/Coating Lines
40201799	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><i>4-02-018 Metal Coil Coating</i></b>																
40201801	Prime Coating Application	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201803	Solvent Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201804	Solvent Storage (Use 4-07-004-01 thru 4-07-999-98 if possible)	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201805	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201806	Finish Coating	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201899	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><i>4-02-019 Wood Furniture Surface Coating</i></b>																
40201901	Coating Operation	---		---		0.00E+00	357	0.00E+00	357	1.60E+03	580	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201903	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201904	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40201999	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><i>4-02-020 Metal Furniture Operations</i></b>																
40202001	Coating Operation	---		---		0.00E+00	357	0.00E+00	357	1.60E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202002	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202003	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202004	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202005	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202031	Single Spray Line: General	---		---		0.00E+00	357	0.00E+00	357	2.29E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202032	Spray Dip Line: General ** (Use 4-02-020-37)	---		---		0.00E+00	357	0.00E+00	357	1.53E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202033	Spray High Solids Coating ** (Use 4-02-020-35)	---		---		0.00E+00	357	0.00E+00	357	6.80E+00	357	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202034	Spray Water-borne Coating ** (Use 4-02-020-36)	---		---		0.00E+00	357	0.00E+00	357	4.30E+00	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202099	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-02-021 Flatwood Products</u></b>																
40202101	Base Coat	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	580	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202103	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202104	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202105	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202106	Topcoat	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	580	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202107	Filler	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202108	Sealer	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202109	Inks	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202131	Water-borne Coating	---		---		0.00E+00	357	0.00E+00	357	2.50E+00	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202132	Solvent-borne Coating	---		---		0.00E+00	357	0.00E+00	357	1.65E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202133	Ultraviolet Coating	---		---		0.00E+00	357	0.00E+00	357	8.00E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202199	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><u>4-02-022 Plastic Parts</u></b>																
40202201	Coating Operation	---		---		0.00E+00	357	0.00E+00	357	1.60E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202202	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202203	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202204	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202205	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202299	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><u>4-02-023 Large Ships</u></b>																
40202301	Prime Coating Operation	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202302	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202303	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202304	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202305	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202306	Topcoat Operation	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202399	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-02-024 Large Aircraft</u></b>																
40202401	Prime Coating Operation	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202402	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202403	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202404	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202405	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202406	Topcoat Operation	---		---		0.00E+00	357	0.00E+00	357	8.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202499	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><u>4-02-025 Miscellaneous Metal Parts</u></b>																
40202501	Coating Operation	---		---		0.00E+00	357	0.00E+00	357	1.60E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202502	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202503	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202504	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202505	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	---		Lb/Tons Solvent in Coating
40202531	Conveyor Single Flow	---		---		0.00E+00	357	0.00E+00	357	1.53E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202532	Conveyor Single Dip	---		---		0.00E+00	357	0.00E+00	357	1.53E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202533	Conveyor Single Spray	---		---		0.00E+00	357	0.00E+00	357	2.75E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202534	Conveyor Two Coat, Flow and Spray	---		---		0.00E+00	357	0.00E+00	357	4.28E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202535	Conveyor Two Coat, Dip and Spray	---		---		0.00E+00	357	0.00E+00	357	4.28E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202536	Conveyor Two Coat, Spray	---		---		0.00E+00	357	0.00E+00	357	5.50E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202537	Manual Two Coat, Spray and Air Dry	---		---		0.00E+00	357	0.00E+00	357	5.48E+01	252	0.00E+00	357	---		Lb/1000 Sq. Ft. Product Surface Area Coated
40202599	Other Not Classified	---		---		0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Tons Solvent in Coating
<b><u>4-02-026 Steel Drums</u></b>																
40202601	Coating Operation	---		---		0.00E+00	357	0.00E+00	357	4.30E+00	586	0.00E+00	357	---		Lb/Gallons Paint Consumed
40202602	Cleaning/Pretreatment	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Gallons Paint Consumed
40202603	Coating Mixing	---		---		0.00E+00	357	0.00E+00	357	5.00E-01	252	0.00E+00	357	---		Lb/Gallons Paint Consumed

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-02-026 Steel Drums</u></b>																
40202604	Coating Storage	---		---		0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/Gallons Paint Consumed
40202605	Equipment Cleanup	---		---		0.00E+00	357	0.00E+00	357	5.00E-01	252	0.00E+00	357	---		Lb/Gallons Paint Consumed
40202606	Interior Coating	---		---		0.00E+00	357	0.00E+00	357	2.20E+00	586	0.00E+00	357	---		Lb/Gallons Paint Consumed
40202607	Exterior Coating	---		---		0.00E+00	357	0.00E+00	357	2.20E+00	586	0.00E+00	357	---		Lb/Gallons Paint Consumed
<b><u>4-02-900 Fuel Fired Equipment</u></b>																
40290023	Natural Gas: Flares	---		---		---		---		5.60E+00	252	---		---		Lb/Million Cubic Feet Burned
<b><u>4-02-999 Miscellaneous</u></b>																
40299999	See Comment **	---		---		---		0.00E+00		---		0.00E+00		---		Lb/Tons Coating
<b><u>4-03 PETROLEUM PRODUCT STORAGE AT REFINERIES</u></b>																
<b><u>4-03-001 Deleted - Do Not Use (See 4-03-010 and 4-07)</u></b>																
40300101	Gasoline **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		3.05E+01		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300102	Crude **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		2.34E+01		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300103	Gasoline **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		1.65E+01		0.00E+00		---		Lb/1000 Gallons Throughput
40300104	Crude **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		2.47E+00		0.00E+00		---		Lb/1000 Gallons Throughput
40300105	Jet Fuel **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		8.80E+00		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300106	Kerosene **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		4.50E-01		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300107	Dist Fuel **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		3.90E-01		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300108	Benzene **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300109	Cyclohexane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300110	Cyclopentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300111	Heptane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300112	Hexane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300113	Isooctane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300114	Isopentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300115	Pentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300116	Toluene **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300150	Jet Fuel **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		2.50E+00		0.00E+00		---		Lb/1000 Gallons Throughput
40300151	Kerosene **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		3.00E-02		0.00E+00		---		Lb/1000 Gallons Throughput
40300152	Dist Fuel **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		2.00E-02		0.00E+00		---		Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<i>4-03-001 Deleted - Do Not Use (See 4-03-010 and 4-07)</i>																
40300153	Benzene **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300154	Cyclohexane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300155	Cyclopentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300156	Heptane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300157	Hexane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300158	Isooctane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300159	Isopentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300160	Pentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300161	Toluene **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
40300198	See Comment **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300199	See Comment **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
<i>4-03-002 Deleted - Do Not Use (See 4-03-011 and 4-07)</i>																
40300201	Gasoline **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		1.34E+01		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300202	Product **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		Lb/1000 Gallons Throughput
40300203	Crude **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		1.76E+00		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300204	Crude **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		Lb/1000 Gallons Throughput
40300205	Jet Fuel **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		3.50E+00		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300207	Dist Fuel **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		2.00E-02		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300208	Benzene **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300209	Cyclohexane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300210	Cyclopentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300211	Heptane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300212	Hexane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300213	Isooctane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300214	Isopentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300215	Pentane **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300216	Toluene **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
40300299	Specify Liquid **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Storage Capacity
<i>4-03-003 Deleted - Do Not Use (See 4-03-011 and 4-07)</i>																
40300302	Gasoline **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		7.70E+00		0.00E+00		---		Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<i>4-03-010 Fixed Roof Tanks (Varying Sizes)</i>																
40301001	Gasoline RVP 13: Breathing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.05E+01	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301002	Gasoline RVP 10: Breathing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.34E+01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301003	Gasoline RVP 7: Breathing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.65E+01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301004	Gasoline RVP 13: Breathing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.20E+01	359	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301005	Gasoline RVP 10: Breathing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.69E+01	359	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301006	Gasoline RVP 7: Breathing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.19E+01	359	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301007	Gasoline RVP 13: Working Loss (Tank Diameter Independent)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.00E+01	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301008	Gasoline RVP 10: Working Loss (Tank Diameter Independent)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.20E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301009	Gasoline RVP 7: Working Loss (Tank Diameter Independent)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.70E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301010	Crude Oil RVP 5: Breathing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.50E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301011	Crude Oil RVP 5: Breathing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.69E+00	359	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301012	Crude Oil RVP 5: Working Loss (Tank Diameter Independent)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.80E+00	360	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301013	Jet Naphtha (JP-4): Breathing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.80E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301014	Jet Naphtha (JP-4): Breathing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.30E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301015	Jet Naphtha (JP-4): Working Loss (Tank Diameter Independent)	0.00E+00	357	0.00E+00	360	0.00E+00	357	0.00E+00	357	2.50E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301016	Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.40E-01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301017	Jet Kerosene: Breathing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.00E-01	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>4-03-010 Fixed Roof Tanks (Varying Sizes)</i></b>																
40301018	Jet Kerosene: Working Loss (Tank Diameter Independent)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.00E-02	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40301019	Distillate Fuel #2: Breathing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301020	Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.90E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301021	Distillate Fuel #2: Working Loss (Tank Diameter Independent)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-02	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40301097	Specify Liquid: Breathing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301098	Specify Liquid: Breathing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301099	Specify Liquid: Working Loss (Tank Diameter Independent)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><i>4-03-011 Floating Roof Tanks (Varying Sizes)</i></b>																
40301101	Gasoline RVP 13: Standing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301102	Gasoline RVP 10: Standing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301103	Gasoline RVP 7: Standing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301104	Gasoline RVP 13: Standing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301105	Gasoline RVP 10: Standing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301106	Gasoline RVP 7: Standing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301107	Gasoline RVP 13/10/7: Withdrawal Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40301108	Gasoline RVP 13/10/7: Withdrawal Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40301109	Crude Oil RVP 5: Standing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40301110	Crude Oil RVP 5: Standing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>4-03-011 Floating Roof Tanks (Varying Sizes)</b>																
40301111	Jet Naphtha (JP-4): Standing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301112	Jet Naphtha (JP-4): Standing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301113	Jet Kerosene: Standing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301114	Jet Kerosene: Standing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301115	Distillate Fuel #2: Standing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301116	Distillate Fuel #2: Standing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301117	Crude Oil RVP 5: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40301118	Jet Naphtha (JP-4): Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40301119	Jet Kerosene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40301120	Distillate Fuel #2: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40301130	Specify Liquid: Standing Loss - External - Primary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301131	Gasoline: Standing Loss - External - Primary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301132	Crude Oil: Standing Loss - External - Primary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301133	Jet Naphtha (JP-4): Standing Loss - External - Primary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301134	Jet Kerosene: Standing Loss - External - Primary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301135	Distillate Fuel #2: Standing Loss - External - Primary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301140	Specify Liquid: Standing Loss - External - Secondary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301141	Gasoline: Standing Loss - External - Secondary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301142	Crude Oil: Standing Loss - External - Secondary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301143	Jet Naphtha (JP-4): Standing Loss - External - Secondary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301144	Jet Kerosene: Standing Loss - External - Secondary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-03-011 Floating Roof Tanks (Varying Sizes)</u></b>																
40301145	Distillate Fuel #2: Standing Loss - External - Secondary Seal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301150	Specify Liquid: Standing Loss - Internal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301151	Gasoline: Standing Loss - Internal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301152	Crude Oil: Standing Loss - Internal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301153	Jet Naphtha (JP-4): Standing Loss - Internal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301154	Jet Kerosene: Standing Loss - Internal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301155	Distillate Fuel #2: Standing Loss - Internal	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301197	Specify Liquid: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40301198	Specify Liquid: Standing Loss (67000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40301199	Specify Liquid: Standing Loss (250000 Bbl. Tank Size)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
<b><u>4-03-012 Variable Vapor Space</u></b>																
40301201	Gasoline RVP 13: Filling Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	9.60E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301202	Gasoline RVP 10: Filling Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.70E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301203	Gasoline RVP 7: Filling Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.40E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301204	Jet Naphtha (JP-4): Filling Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.30E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301205	Jet Kerosene: Filling Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.50E+02	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301206	Distillate Fuel #2: Filling Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.20E+02	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301207	Benzene: Filling Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.10E+00	358	0.00E+00	357	---		Lb/1000 Gallons Throughput
40301299	Specify Liquid: Filling Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<b><u>4-03-999 Other Not Classified</u></b>																
40399999	See Comment **	---		0.00E+00		---		0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Throughput
<b><u>4-04 BULK TERMINALS/PLANTS</u></b>																
<b><u>4-04-001 Bulk Terminals</u></b>																
40400101	Gasoline RVP 13: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.05E+01	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400102	Gasoline RVP 10: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.34E+01	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>4-04-001 Bulk Terminals</b>																
40400103	Gasoline RVP 7: Breathing Loss (67000 Bbl. Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.65E+01	358	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400104	Gasoline RVP 13: Breathing Loss (250000 Bbl Capacity)-Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.20E+01	359	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400105	Gasoline RVP 10: Breathing Loss (250000 Bbl Capacity)-Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.69E+01	358	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400106	Gasoline RVP 7: Breathing Loss (250000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.19E+01	359	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400107	Gasoline RVP 13: Working Loss (Diam. Independent) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.00E+01	252	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40400108	Gasoline RVP 10: Working Loss (Diameter Independent) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.20E+00	252	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40400109	Gasoline RVP 7: Working Loss (Diameter Independent) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.70E+00	252	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40400110	Gasoline RVP 13: Standing Loss (67000 Bbl Capacity)-Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400111	Gasoline RVP 10: Standing Loss (67000 Bbl Capacity)-Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400112	Gasoline RVP 7: Standing Loss (67000 Bbl Capacity)- Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400113	Gasoline RVP 13: Standing Loss (250000 Bbl Cap.) - Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400114	Gasoline RVP 10: Standing Loss (250000 Bbl Cap.) - Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400115	Gasoline RVP 7: Standing Loss (250000 Bbl Cap.) - Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40400116	Gasoline RVP 13/10/7: Withdrawal Loss (67000 Bbl Cap.) - Float Rf Tnk	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40400117	Gasoline RVP 13/10/7: Withdrawal Loss (250000 Bbl Cap.) - Float Rf Tnk	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40400118	Gasoline RVP 13: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	9.60E+00	252	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40400119	Gasoline RVP 10: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.70E+00	252	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b>4-04-001 Bulk Terminals</b>																
40400120	Gasoline RVP 7: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.40E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40400151	Valves, Flanges, and Pumps	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.50E+00	162	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40400152	Vapor Collection Losses	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.20E+00	163	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40400153	Vapor Control Unit Losses	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E+00	364	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40400154	Tank Truck Vapor Leaks	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40400199	See Comment **	---	---	0.00E+00	---	---	---	0.00E+00	---	---	---	0.00E+00	---	---	---	Lb/1000 Gallons Throughput
<b>4-04-002 Bulk Plants</b>																
40400201	Gasoline RVP 13: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.05E+01	252	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40400202	Gasoline RVP 10: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.34E+01	258	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40400203	Gasoline RVP 7: Breathing Loss (67000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.65E+01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40400204	Gasoline RVP 13: Working Loss (67000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.00E+01	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40400205	Gasoline RVP 10: Working Loss (67000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.20E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40400206	Gasoline RVP 7: Working Loss (67000 Bbl Capacity) - Fixed Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.70E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40400207	Gasoline RVP 13: Standing Loss (67000 Bbl Cap.) - Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40400208	Gasoline RVP 10: Standing Loss (67000 Bbl Cap.) - Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40400209	Gasoline RVP 7: Standing Loss (67000 Bbl Cap.) - Floating Roof Tank	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40400210	Gasoline RVP 13/10/7: Withdrawal Loss (67000 Bbl Cap.) - Float Rf Tnk	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40400211	Gasoline RVP 13: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	9.60E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40400212	Gasoline RVP 10: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.70E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40400213	Gasoline RVP 7: Filling Loss (10500 Bbl Cap.) - Variable Vapor Space	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.40E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-04-002 Bulk Plants</u></b>																
40400250	Loading Racks	0.00E+00	357	0.00E+00		0.00E+00	357	0.00E+00		4.80E+00	165	0.00E+00		---		Lb/1000 Gallons Transferred
40400251	Valves, Flanges, and Pumps	0.00E+00	357	0.00E+00		0.00E+00	357	0.00E+00		2.50E+00	166	0.00E+00		---		Lb/1000 Gallons Transferred
40400254	Tank Truck Vapor Losses	0.00E+00	357	0.00E+00		0.00E+00	357	0.00E+00		---		0.00E+00		---		Lb/1000 Gallons Transferred
<b><u>4-04-003 Oil Field Storage of Crude</u></b>																
40400301	Fixed Roof Tank: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.60E+01	169	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400302	Fixed Roof Tank: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.10E+00	170	0.00E+00	357	---		Lb/1000 Gallons Throughput
40400303	External Floating Roof Tank with Primary Seals: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400304	External Floating Roof Tank with Secondary Seals: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400305	Internal Floating Roof Tank: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
<b><u>4-04-004 Petroleum Products - Underground Tanks</u></b>																
40400401	Gasoline RVP 13: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400402	Gasoline RVP 13: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.49E+01	367	0.00E+00	357	---		Lb/1000 Gallons Throughput
40400403	Gasoline RVP 10: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400404	Gasoline RVP 10: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.19E+01	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40400405	Gasoline RVP 7: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400406	Gasoline RVP 7: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.30E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40400407	Crude Oil RVP 5: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400408	Crude Oil RVP 5: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.90E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40400409	Jet Naphtha (JP-4): Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400410	Jet Naphtha (JP-4): Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.60E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40400411	Jet Kerosene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400412	Jet Kerosene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-02	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40400413	Distillate Fuel #2: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400414	Distillate Fuel #2: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.00E-02	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40400497	Specify Liquid: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40400498	Specify Liquid: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput

**4-05 PRINTING/PUBLISHING**

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<i>4-05-001 Drying</i>																
40500101	Dryer	---		---		---		5.70E+01	566	2.00E+03	252	---		---		Lb/Tons Solvent in Ink
<i>4-05-002 General</i>																
40500201	Letter Press: 2751	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.38E+02	567	0.00E+00	357	---		Lb/Tons Ink
40500202	Ink Thinning Solvent (Kerosene)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500203	Ink Thinning Solvents (Mineral Solvents)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500211	Letter Press: 2751	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.20E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Ink
40500212	Printing: Letter Press	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.50E+00	252	0.00E+00	357	---		Lb/Gallons Ink
<i>4-05-003 General</i>																
40500301	Printing: Flexographic	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.11E+02	567	0.00E+00	357	---		Lb/Tons Ink
40500302	Ink Thinning Solvent (Carbitol)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500303	Ink Thinning Solvent (Cellosolve)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500304	Ink Thinning Solvent (Ethyl Alcohol)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500305	Ink Thinning Solvent (Isopropyl Alcohol)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500306	Ink Thinning Solvent (n-Propyl Alcohol)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500307	Ink Thinning Solvent (Naphtha)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500311	Printing: Flexographic	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.91E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Ink
40500312	Printing: Flexographic	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.40E+00	252	0.00E+00	357	---		Lb/Gallons Ink
40500314	Printing: Flexographic: Propyl Alcohol Cleanup	---		---		---		---		2.00E+03	568	---		---		Lb/Tons Solvent Consumed
<i>4-05-004 General</i>																
40500401	Lithographic: 2752	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.98E+02	567	0.00E+00	357	---		Lb/Tons Ink
40500411	Lithographic: 2752	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.00E+03	252	0.00E+00	357	---		Lb/Tons Solvent in Ink
40500412	Lithographic: 2752	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.24E+00	252	0.00E+00	357	---		Lb/Gallons Ink
<i>4-05-005 General</i>																
40500501	Gravure: 2754	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.11E+02	567	0.00E+00	357	---		Lb/Tons Ink
40500502	Ink Thinning Solvent: Dimethylformamide	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500503	Ink Thinning Solvent: Ethyl Acetate	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500506	Ink Thinning Solvent: Methyl Ethyl Ketone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500507	Ink Thinning Solvent: Methyl Isobutyl Ketone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added
40500510	Ink Thinning Solvent: Toluene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Added

SCC	SCC Description	PM	Ref	PMIO	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><i>4-05-005 General</i></b>																
40500511	Gravure: 2754	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.91E+03	252	0.00E+00	357	---	---	Lb/Tons Solvent in Ink
40500512	Gravure: 2754	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.40E+00	252	0.00E+00	357	---	---	Lb/Gallons Ink
40500513	Gravure: 2754	---	---	---	---	---	---	---	---	1.24E+01	252	---	---	---	---	Lb/Gallons Ink
40500598	Ink Thinning Solvent: Other Not Specified	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	0.00E+00	357	Lb/1000 Gallons Solvent
40500599	Ink Thinning Solvent: Other Not Specified	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	252	0.00E+00	357	---	---	Lb/Tons Solvent Added
<b><i>4-05-006 General</i></b>																
40500601	Ink Mixing	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/Tons Solvent in Ink
<b><i>4-05-007 General</i></b>																
40500701	Solvent Storage	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/Tons Solvent Stored
<b><i>4-06 TRANSPORTATION AND MARKETING OF PETROLEUM PRODUCTS</i></b>																
<b><i>4-06-001 Tank Cars and Trucks</i></b>																
40600101	Gasoline: Splash Loading **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		1.24E+01		0.00E+00		---	---	Lb/1000 Gallons Transferred
40600126	Gasoline: Submerged Loading **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		4.10E+00		0.00E+00		---	---	Lb/1000 Gallons Transferred
40600130	Distillate Oil: Submerged Loading **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		4.80E-01		0.00E+00		---	---	Lb/1000 Gallons Transferred
40600131	Gasoline: Submerged Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	5.00E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600132	Crude Oil: Submerged Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	2.00E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600133	Jet Naphtha: Submerged Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.50E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600134	Kerosene: Submerged Loading (Normal Services)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.60E-01	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600135	Distillate Oil: Submerged Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.40E-02	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600136	Gasoline: Splash Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.20E+01	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600137	Crude Oil: Splash Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	5.50E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600138	Jet Naphtha: Splash Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	4.00E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600139	Kerosene: Splash Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	4.00E-02	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600140	Distillate Oil: Splash Loading (Normal Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	3.00E-02	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600141	Gasoline: Submerged Loading (Balanced Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---	---	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600142	Crude Oil: Submerged Loading (Balanced Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	3.00E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600143	Jet Naphtha: Submerged Loading (Balanced Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	2.50E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600144	Gasoline: Splash Loading (Balanced Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	8.00E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600145	Crude Oil: Splash Loading (Balanced Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	3.00E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-06-001 Tank Cars and Trucks</u></b>																
40600146	Jet Naphtha: Splash Loading (Balanced Service)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	2.50E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600147	Gasoline: Submerged Loading (Clean Tanks)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	4.00E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600148	Crude Oil: Submerged Loading (Clean Tanks)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.70E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600149	Jet Naphtha: Submerged Loading (Clean Tanks)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.50E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600160	Kerosene: Submerged Loading (Clean Tanks)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.70E-02	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600161	Distillate Oil: Submerged Loading (Clean Tanks)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.30E-02	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600162	Gasoline: Loaded with Fuel (Transit Losses)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.00E-02	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600163	Gasoline: Return with Vapor (Transit Losses)	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.10E-01	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600197	Not Classified **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---	---	Lb/1000 Gallons Transferred
40600198	Not Classified **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---	---	Lb/1000 Gallons Transferred
40600199	Not Classified **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---		0.00E+00		---	---	Lb/1000 Gallons Transferred
<b><u>4-06-002 Marine Vessels</u></b>																
40600231	Gasoline: Ship Loading - Cleaned and Vapor Free Tanks	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	7.00E-01	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600232	Gasoline: Ocean Barges Loading	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	7.00E-01	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600233	Gasoline: Barge Loading - Cleaned and Vapor Free Tanks	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	---		0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600234	Gasoline: Ship Loading - Ballasted Tank	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.70E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600235	Gasoline: Ocean Barges Loading - Ballasted Tank	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	1.70E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600236	Gasoline: Ship Loading - Uncleaned Tanks	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	2.60E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600237	Gasoline: Ocean Barges Loading - Uncleaned Tanks	0.00E+00	252	0.00E+00	252	0.00E+00	252	0.00E+00	252	2.60E+00	252	0.00E+00	252	---	---	Lb/1000 Gallons Transferred
40600238	Gasoline: Barges Loading - Uncleaned Tanks	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.90E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600239	Gasoline: Tanker Ship - Ballasted Tank Condition	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.00E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600240	Gasoline: Barge Loading - Average Tank Condition	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.40E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Total Cargo Capacity
40600241	Gasoline: Tanker Ship - Ballasting	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.70E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Transported
40600242	Gasoline: Transit Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.40E+02	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600243	Crude Oil: Loading Tankers	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.10E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600244	Jet Fuel: Loading Tankers	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600245	Kerosene: Loading Tankers	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E-03	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600246	Distillate Oil: Loading Tankers	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E-03	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-06-002 Marine Vessels</u></b>																
40600248	Crude Oil: Loading Barges	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.00E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600249	Jet Fuel: Loading Barges	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.20E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600250	Kerosene: Loading Barges	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.30E-02	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600251	Distillate Oil: Loading Barges	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.20E-02	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600253	Crude Oil: Tanker Ballasting	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.10E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Total Cargo Capacity
40600254	Crude Oil: Transit Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.96E+01	252	0.00E+00	357	---	---	Lb/1000 Gallons Transported
40600255	Jet Fuel: Transit Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.70E+01	252	0.00E+00	357	---	---	Lb/1000 Gallons Transported
40600256	Kerosene: Transit Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.60E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Transported
40600257	Distillate Oil: Transit Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.60E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Transported
40600259	Tanker/Barge Cleaning	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Total Cargo Capacity
40600298	Not Classified **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---	---	0.00E+00		---	---	Lb/1000 Gallons Transferred
40600299	Not Classified **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---	---	0.00E+00		---	---	Lb/1000 Gallons Transferred
<b><u>4-06-003 Gasoline Retail Operations - Stage I</u></b>																
40600301	Splash Filling	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.15E+01	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600302	Submerged Filling w/o Controls	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.30E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600305	Unloading **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		1.00E+00		0.00E+00		---	---	Lb/1000 Gallons Transferred
40600306	Balanced Submerged Filling	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.00E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40600307	Underground Tank Breathing and Emptying	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.00E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40600399	Not Classified **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---	---	0.00E+00		---	---	Lb/1000 Gallons Transferred
<b><u>4-06-004 Filling Vehicle Gas Tanks - Stage II</u></b>																
40600401	Vapor Loss w/o Controls	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.10E+01	252	0.00E+00	357	---	---	Lb/1000 Gallons Pumped
40600402	Liquid Spill Loss w/o Controls	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.00E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Pumped
40600403	Vapor Loss w/o Controls	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Transferred
40600499	Not Classified **	0.00E+00		0.00E+00		0.00E+00		0.00E+00		---	---	0.00E+00		---	---	Lb/1000 Gallons Pumped
<b><u>4-07 ORGANIC CHEMICAL STORAGE</u></b>																
<b><u>4-07-004 Fixed Roof Tanks - Acid Anhydrides</u></b>																
40700401	Acetic Anhydrides: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.20E+00	252	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40700402	Acetic Anhydrides: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.30E-01	252	0.00E+00	357	---	---	Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<u>4-07-004 Fixed Roof Tanks - Acid Anhydrides</u>																
40700497	Specify Anhydride: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700498	Specify Anhydride: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<u>4-07-008 Fixed Roof Tanks - Alcohols</u>																
40700801	N-Butyl Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	9.00E-01	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700802	N-Butyl Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.00E-01	171	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700803	Sec-Butyl Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700804	Sec-Butyl Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.20E-01	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700805	Tert-Butyl Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.60E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700806	Tert-Butyl Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.60E-01	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700807	Cyclohexanol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.80E-01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700808	Cyclohexanol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.60E-02	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700809	Ethyl Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.90E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700810	Ethyl Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.60E-01	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700811	Isobutyl Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.30E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700812	Isobutyl Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.70E-01	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700813	Isopropyl Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.80E+00	158	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700814	Isopropyl Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.60E-01	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700815	Methyl Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.70E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700816	Methyl Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.07E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700817	N-Propyl Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.80E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700818	N-Propyl Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.00E-01	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40700897	Specify Alcohol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40700898	Specify Alcohol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<u>4-07-016 Fixed Roof Tanks - Alkanes (Paraffins)</u>																
40701601	N-Decane: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.10E-01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40701602	N-Decane: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-02	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40701603	N-Dodecane: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.30E-01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40701604	N-Dodecane: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-03	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40701605	N-Heptane: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.80E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40701606	N-Heptane: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.30E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-016 Fixed Roof Tanks - Alkanes (Paraffins)</u></b>																
40701607	Isopentane: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.72E+01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40701608	Isopentane: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.63E+01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40701609	Pentadecane: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E-02	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40701610	Pentadecane: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.00E-04	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40701611	Naphtha: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.70E-01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40701612	Naphtha: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.00E-03	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40701613	Petroleum Distillate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.70E-01	368	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40701614	Petroleum Distillate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.00E-03	368	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40701697	Specify Alkane: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40701698	Specify Alkane: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-020 Fixed Roof Tanks - Alkenes (Olefins)</u></b>																
40702001	Dodecene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.50E-01	358	0.00E+00	371	---	---	Lb/1000 Gallons Storage Capacity
40702002	Dodecene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E-03	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40702003	Heptenes - General: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40702004	Heptenes - General: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40702097	Specify Olefin: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40702098	Specify Olefin: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-032 Fixed Roof Tanks - Amines</u></b>																
40703201	Aniline: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.40E-01	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703202	Aniline: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.30E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703203	Ethanolamines: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.00E-01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703204	Ethanolamines: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-03	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703205	Ethylencamines: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.00E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703206	Ethylencamines: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.60E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703297	Specify Amine: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703298	Specify Amine: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-036 Fixed Roof Tanks - Aromatics</u></b>																
40703601	Benzene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.00E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703602	Benzene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.25E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703603	Cresol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.30E-01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-036 Fixed Roof Tanks - Aromatics</u></b>																
40703604	Cresol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E-03	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703605	Cumene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.40E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703606	Cumene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.60E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703607	Diisopropyl Benzene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703608	Diisopropyl Benzene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703609	Ethyl Benzene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703610	Ethyl Benzene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.60E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703611	Methyl Styrene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.40E-01	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703612	Methyl Styrene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E-02	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703613	Styrene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.40E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703614	Styrene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.70E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703615	Toluene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.50E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703616	Toluene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.60E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703617	m-Xylene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.80E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703618	m-Xylene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.30E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703619	o-Xylene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.50E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703620	o-Xylene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.80E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703621	p-Xylene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.90E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703622	p-Xylene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.40E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703623	Xylenes, Mixed: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703624	Xylenes, Mixed: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40703697	Specify Aromatic: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40703698	Specify Aromatic: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-040 Fixed Roof Tanks - Carboxylic Acids</u></b>																
40704001	Acetic Acid: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.50E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704002	Acetic Acid: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.40E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704003	Acrylic Acid: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.50E-01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704004	Acrylic Acid: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.40E-02	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704005	Adipic Acid (Soln): Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.00E-04	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704006	Adipic Acid (Soln): Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704007	Formic Acid: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.60E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-040 Fixed Roof Tanks - Carboxylic Acids</u></b>																
40704008	Formic Acid: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.70E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704009	Propionic Acid: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.30E-01	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704010	Propionic Acid: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.00E-02	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704097	Specify Acid: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704098	Specify Acid: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-044 Fixed Roof Tanks - Esters</u></b>																
40704401	Butyl Acetate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.40E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704402	Butyl Acetate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.40E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704403	Butyl Acrylate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.59E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704404	Butyl Acrylate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704405	Ethyl Acetate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.50E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704406	Ethyl Acetate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.30E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704407	Ethyl Acrylate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.20E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704408	Ethyl Acrylate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.10E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704409	Isobutyl Acrylate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704410	Isobutyl Acrylate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704411	Isopropyl Acetate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.30E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704412	Isopropyl Acetate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.80E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704413	Methyl Acetate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.44E+01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704414	Methyl Acetate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.80E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704415	Methyl Acrylate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.20E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704416	Methyl Acrylate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.20E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704417	Methyl Methacrylate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.80E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704418	Methyl Methacrylate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.00E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704419	Vinyl Acetate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	9.40E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704420	Vinyl Acetate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.70E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40704497	Specify Ester: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40704498	Specify Ester: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-048 Fixed Roof Tanks - Ethers</u></b>																
40704801	Methyl-tert-Butyl Ether: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-048 Fixed Roof Tanks - Ethers</u></b>																
40704802	Methyl-tert-Butyl Ether: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40704897	Specify Ether: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40704898	Specify Ether: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<b><u>4-07-052 Fixed Roof Tanks - Glycol Ethers</u></b>																
40705201	Butyl Carbitol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705202	Butyl Carbitol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705203	Butyl Cellosolve: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705204	Butyl Cellosolve: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705205	Carbitol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705206	Carbitol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705207	Cellosolve: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705208	Cellosolve: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705209	Diethylene Glycol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.00E-03	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705210	Diethylene Glycol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40705211	Methyl Carbitol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705212	Methyl Carbitol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705213	Methyl Cellosolve: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705214	Methyl Cellosolve: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705215	Polyethylene Glycol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705216	Polyethylene Glycol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705217	Triethylene Glycol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705218	Triethylene Glycol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705297	Specify Glycol Ether: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705298	Specify Glycol Ether: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<b><u>4-07-056 Fixed Roof Tanks - Glycols</u></b>																
40705601	1,4-Butanediol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705602	1,4-Butanediol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	252	0.00E+00	357	---		Lb/1000 Gallons Throughput
40705603	Ethylene Glycol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.20E-02	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705604	Ethylene Glycol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40705605	Dipropylene Glycol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<i>4-07-056 Fixed Roof Tanks - Glycols</i>																
40705606	Dipropylene Glycol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40705607	Glycerol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705608	Glycerol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40705609	Propylene Glycol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.00E-03	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705610	Propylene Glycol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40705697	Specify Glycol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40705698	Specify Glycol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<i>4-07-060 Fixed Roof Tanks - Halogenated Organics</i>																
40706001	Benzyl Chloride: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706002	Benzyl Chloride: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40706003	Caprolactum (Soln): Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	700	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706004	Caprolactum (Soln): Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	700	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706005	Carbon Tetrachloride: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.78E+01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706006	Carbon Tetrachloride: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.20E+00	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706007	Chlorobenzene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.50E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706008	Chlorobenzene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.60E-03	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706009	o-Dichlorobenzene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.90E-01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706010	o-Dichlorobenzene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E-02	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706011	p-Dichlorobenzene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.20E-01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706012	p-Dichlorobenzene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.00E-02	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706013	Epichlorohydrin: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.50E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706014	Epichlorohydrin: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-01	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706015	Ethylene Dibromide: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.90E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706016	Ethylene Dibromide: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.70E-01	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706017	Ethylene Dichloride: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.70E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706018	Ethylene Dichloride: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.30E+00	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706019	Methylene Chloride: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	372	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706020	Methylene Chloride: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	372	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706021	Perchloroethylene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.00E+00	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity
40706022	Perchloroethylene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.40E-01	371	0.00E+00	357	---		Lb/1000 Gallons Throughput
40706023	Trichloroethylene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.11E+01	358	0.00E+00	357	---		Lb/1000 Gallons Storage Capacity



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-060 Fixed Roof Tanks - Halogenated Organics</u></b>																
40706024	Trichloroethylene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.90E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40706097	Specify Halogenated Organic: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40706098	Specify Halogenated Organic: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-064 Fixed Roof Tanks - Isocyanates</u></b>																
40706401	MDI: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	700	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40706402	MDI: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	700	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40706403	TDI: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.40E-02	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40706404	TDI: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.00E-04	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40706497	Specify Isocyanate: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40706498	Specify Isocyanate: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-068 Fixed Roof Tanks - Ketones</u></b>																
40706801	Cyclohexanone: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.70E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40706802	Cyclohexanone: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-01	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40706897	Specify Ketone: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40706898	Specify Ketone: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-076 Fixed Roof Tanks - Nitriles</u></b>																
40707601	Acrylonitrile: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.10E+00	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40707602	Acrylonitrile: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.80E+00	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40707697	Specify Nitrile: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40707698	Specify Nitrile: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-080 Fixed Roof Tanks - Nitro Compounds</u></b>																
40708001	Nitrobenzene: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.30E-01	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40708002	Nitrobenzene: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.70E-02	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40708097	Specify in Comments: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40708098	Specify in Comments: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-084 Fixed Roof Tanks - Phenols</u></b>																
40708401	Nonylphenol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	700	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40708402	Nonylphenol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	700	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40708403	Phenol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.50E-01	358	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-084 Fixed Roof Tanks - Phenols</u></b>																
40708404	Phenol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.00E-03	371	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40708497	Specify Phenol: Breathing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40708498	Specify Phenol: Working Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
<b><u>4-07-172 Floating Roof Tanks - Aldehydes</u></b>																
40717205	n-Butyraldehyde: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.40E+00	357	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717206	n-Butyraldehyde: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40717207	Formalin: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717208	Formalin: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40717209	Isobutyraldehyde: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.40E+00	357	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717210	Isobutyraldehyde: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40717211	Propionaldehyde: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.90E+00	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717212	Propionaldehyde: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	352	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40717297	Specify Aldehyde: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717298	Specify Aldehyde: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
<b><u>4-07-176 Floating Roof Tanks - Alkanes (Paraffins)</u></b>																
40717601	Cyclohexane: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.47E+00	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717602	Cyclohexane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40717603	n-Hexane: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.50E+00	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717604	n-Hexane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40717605	n-Pentane: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	9.40E+00	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717606	n-Pentane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40717697	Specify Alkane: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40717698	Specify Alkane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
<b><u>4-07-180 Floating Roof Tanks - Alkenes (Olefins)</u></b>																
40718001	Isoprene: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	9.70E+00	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40718002	Isoprene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40718003	Methylallene: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40718004	Methylallene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	- - -	- - -	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput
40718005	1-Pentene: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.26E+01	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Storage Capacity
40718006	1-Pentene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	- - -	- - -	Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-180 Floating Roof Tanks - Alkenes (Olefins)</u></b>																
40718007	Piperylene: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.40E+00	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40718008	Piperylene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	357	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40718009	Cyclopentene: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.80E+00	373	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40718010	Cyclopentene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	357	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40718097	Specify Olefin: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40718098	Specify Olefin: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-208 Floating Roof Tanks - Ethers</u></b>																
40720801	Ethyl Ether: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	9.90E+00	373	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40720802	Ethyl Ether: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40720803	Propylene Oxide: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.80E+00	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40720804	Propylene Oxide: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40720897	Specify Ether: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40720898	Specify Ether: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-220 Floating Roof Tanks - Halogenated Organics</u></b>																
40722001	Carbon Tetrachloride: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.20E+00	373	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722002	Carbon Tetrachloride: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40722003	Chloroform: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.60E+00	373	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722004	Chloroform: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40722005	Ethylene Dichloride: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.40E+00	373	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722006	Ethylene Dichloride: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40722007	Methylene Chloride: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	372	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722008	Methylene Chloride: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	372	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40722009	1,1,1-Trichloroethylene: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.60E+01	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722010	1,1,1-Trichloroethylene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40722097	Specify Halogenated VOC: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722098	Specify Halogenated VOC: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-228 Floating Roof Tanks - Ketones</u></b>																
40722801	Acetone: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.60E+00	357	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722802	Acetone: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40722803	Methyl Ethyl Ketone: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.30E+00	373	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-228 Floating Roof Tanks - Ketones</u></b>																
40722804	Methyl Ethyl Ketone: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	371	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40722805	Methyl Isobutyl Ketone: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.10E-01	373	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722806	Methyl Isobutyl Ketone: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40722897	Specify Ketone: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40722898	Specify Ketone: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-232 Floating Roof Tanks - Mercaptans</u></b>																
40723201	Ethyl Mercaptan: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	8.20E+00	373	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40723202	Ethyl Mercaptan: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	373	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40723297	Specify Mercaptan: Standing Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Storage Capacity
40723298	Specify Mercaptan: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-812 Pressure Tanks - Aldehydes</u></b>																
40781201	Acetaldehyde: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40781202	Acrolein: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-816 Pressure Tanks - Alkanes (Paraffins)</u></b>																
40781601	Ethane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40781602	Butane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40781603	Methane: Withdrawal Loss	-0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40781604	Natural Gas: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40781605	Propane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40781606	Isopentane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40781607	n-Pentane: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40781699	Specify Gas: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
<b><u>4-07-820 Pressure Tanks - Alkenes (Olefins)</u></b>																
40782001	1,3-Butadiene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40782002	1-Butene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40782003	2-Butene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40782004	Ethylene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40782005	Isobutylene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput
40782006	Propylene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---	---	0.00E+00	357	---	---	Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<u>4-07-820 Pressure Tanks - Alkenes (Olefins)</u>																
40782007	Isoprene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40782008	Methylallene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40782009	1-Pentene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40782010	Piperylene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40782011	Cyclopentene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40782099	Specify Alkene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<u>4-07-824 Pressure Tanks - Alkynes (Acetylenes)</u>																
40782401	Acetylene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40782499	Specify Alkyne: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<u>4-07-832 Pressure Tanks - Amines</u>																
40783201	Methylamine: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40783202	Dimethylamine: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40783203	Trimethylamine: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40783299	Specify Amine: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<u>4-07-848 Pressure Tanks - Ethers</u>																
40784801	Ethylene Oxide: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40784899	Specify Ether: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<u>4-07-860 Pressure Tanks - Halogenated Organics</u>																
40786001	Ethyl Chloride: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40786002	Methyl Chloride: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40786003	Phosgene: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40786004	Vinyl Chloride: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40786099	Specify Halogenated VOC: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<u>4-07-864 Pressure Tanks - Isocyanates</u>																
40786401	Methyl Isocyanate: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40786499	Specify Isocyanate: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
<u>4-07-872 Pressure Tanks - Mercaptans (Thiols)</u>																
40787201	Methyl Mercaptan: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput
40787299	Specify Mercaptan: Withdrawal Loss	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Throughput

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-07-999 Miscellaneous</u></b>																
40799997	Specify in Comments	---		---		---		---		1.44E+00	* 1141	---		---		Lb/1000 Gallons Storage Capacity
										Heton carbon black produced						
<b><u>4-08 ORGANIC CHEMICAL TRANSPORTATION</u></b>																
<b><u>4-08-999 Specific Liquid</u></b>																
40899999	Loading Rack	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/1000 Gallons Transferred
<b><u>4-90 ORGANIC SOLVENT EVAPORATION</u></b>																
<b><u>4-90-001 Solvent Extraction Process</u></b>																
49000101	Petroleum Naphtha (Stoddard)	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
49000102	Methyl Ethyl Ketone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
49000103	Methyl Isobutyl Ketone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
49000104	Furfural	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
49000105	Trichloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
49000199	Other Not Classified	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	568	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Consumed
<b><u>4-90-002 Waste Solvent Recovery Operations</u></b>																
49000201	Storage Tank Vent	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+02	252	0.00E+00	357	0.00E+00	357	Lb/Tons Reclaimed Solvent
49000202	Condenser Vent	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.30E+00	252	0.00E+00	357	0.00E+00	357	Lb/Tons Reclaimed Solvent
49000203	Incinerator Stack	1.44E+00	252	8.90E-01	691	---		---		2.00E+02	252	---		0.00E+00	357	Lb/Tons Reclaimed Solvent
49000204	Solvent Spillage	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+01	252	0.00E+00	357	0.00E+00	357	Lb/Tons Reclaimed Solvent
49000205	Solvent Loading	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.20E+01	252	0.00E+00	357	0.00E+00	357	Lb/Tons Reclaimed Solvent
49000206	Fugitive Leaks	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	0.00E+00	357	Lb/Process Unit-Year
49000299	Other Not Classified	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Tons Reclaimed Solvent
<b><u>4-90-003 Rail Car Cleaning</u></b>																
49000301	Ethylene Glycol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.00E-04	252	0.00E+00	357	0.00E+00	357	Lb/Tank Cars Cleaned
49000302	Chlorobenzene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	3.50E-02	252	0.00E+00	357	0.00E+00	357	Lb/Tank Cars Cleaned
49000303	o-Dichlorobenzene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.66E-01	252	0.00E+00	357	0.00E+00	357	Lb/Tank Cars Cleaned
49000304	Cresnole	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	5.18E+00	252	0.00E+00	357	0.00E+00	357	Lb/Tank Cars Cleaned
49000399	Other Not Classified	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Tank Cars Cleaned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>4-90-004 Tank Truck Cleaning</u></b>																
49000401	Acetone	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	6.90E-01	252	0.00E+00	357	0.00E+00	357	Lb/Tank Trucks Cleaned
49000402	Perchloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	4.74E-01	357	0.00E+00	357	0.00E+00	357	Lb/Tank Trucks Cleaned
49000403	Methyl Methacrylate	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	7.10E-02	252	0.00E+00	357	0.00E+00	357	Lb/Tank Trucks Cleaned
49000404	Phenol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	1.20E-02	252	0.00E+00	357	0.00E+00	357	Lb/Tank Trucks Cleaned
49000405	Propylene Glycol	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E-03	252	0.00E+00	357	0.00E+00	357	Lb/Tank Trucks Cleaned
49000499	Other Not Classified	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	---		0.00E+00	357	---		Lb/Tank Trucks Cleaned
<b><u>4-90-005 Air Stripping Tower</u></b>																
49000501	Trichloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	308	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Stripped
49000502	Perchloroethylene	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	308	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Stripped
49000503	1,1,1-Trichloroethane	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	309	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Stripped
49000504	Chloroform	0.00E+00	357	0.00E+00	357	0.00E+00	357	0.00E+00	357	2.00E+03	308	0.00E+00	357	0.00E+00	357	Lb/Tons Solvent Stripped
<b><u>4-90-900 Fuel Fired Equipment</u></b>																
49090011	Distillate Oil (No. 2): Incinerators	---		---		---		---		4.00E-01	351	---		---		Lb/1000 Gallons Burned
49090012	Residual Oil: Incinerators	---		---		---		---		5.60E-01	351	---		---		Lb/1000 Gallons Burned
49090013	Natural Gas: Incinerators	---		---		---		---		5.60E+00	351	---		---		Lb/Million Cubic Feet Burned
49090023	Natural Gas: Flares	---		---		---		---		5.60E+00	351	---		---		Lb/Million Cubic Feet Burned
<b><u>4-90-999 Miscellaneous Volatile Organic Compound Evaporation</u></b>																
49099998	Identify the Process and Solvent in Comments	0.00E+00	357	0.00E+00	252	0.00E+00	357	0.00E+00	252	---		0.00E+00	252	---		Lb/Gallons Solvent Consumed
49099999	Identify the Process and Solvent in Comments	0.00E+00	357	0.00E+00	252	0.00E+00	357	0.00E+00	252	---		0.00E+00	252	---		Lb/Tons Solvent Consumed

## 5 WASTE DISPOSAL

### 5-01 SOLID WASTE DISPOSAL - GOVERNMENT

#### 5-01-001 Municipal Incineration

50100101	Starved Air: Multiple Chamber	3.43E+00	031	1.40E+00	252	1.70E+00	252	3.16E+00	031	1.50E+00	252	2.99E-01	031	1.20E-01	252	Lb/Tons Burned
50100102	Mass Burn: Single Chamber	3.80E+01	252	1.40E+01	252	1.70E+00	252	3.60E+00	252	1.00E-01	252	2.20E+00	252	1.80E-01	252	Lb/Tons Burned
50100103	Refuse Derived Fuel	6.96E+01	031	4.40E+01	252	1.70E+00	252	5.02E+00	031	---		1.92E+00	031	2.01E-01	031	Lb/Tons Burned
50100104	Mass Burn Refractory Wall Combustor	2.51E+01	031	---		3.46E+00	031	2.46E+00	031	---		1.37E+00	031	2.13E-01	031	Lb/Tons Burned
50100105	Mass Burn Waterwall Combustor	2.51E+01	031	---		3.46E+00	031	3.56E+00	031	---		4.63E-01	031	2.13E-01	031	Lb/Tons Burned
50100106	Mass Burn Rotary Waterwall Combustor	2.51E+01	031	---		3.46E+00	031	2.25E+00	031	---		7.66E-01	031	2.13E-01	031	Lb/Tons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>5-01-001 Municipal Incineration</u></b>																
50100107	Modular Excess Air Combustor	2.51E+01	1331	---	---	3.46E+00	1331	2.47E+00	1331	---	---	---	---	2.13E-01	1331	Lb/Tons Burned
<b><u>5-01-002 Open Burning Dump</u></b>																
50100201	General Refuse	1.60E+01	252	1.60E+01	252	1.00E+00	252	6.00E+00	252	3.00E+01	252	8.50E+01	252	---	---	Lb/Tons Burned
50100202	Vegetation Only	1.70E+01	252	---	---	---	---	4.00E+00	252	1.90E+01	252	1.40E+02	252	---	---	Lb/Tons Burned
<b><u>5-01-005 Other Incineration</u></b>																
50100505	Pathological	4.67E+00	1333	5.92E+00	253	0.00E+00	252	3.56E+00	1333	---	---	2.95E+00	1333	7.28E-02	1333	Lb/Tons Burned
50100507	Conical Design (Tee Pee) Municipal Refuse	2.00E+01	1337	1.10E+01	252	2.00E+00	1337	5.00E+00	1337	2.00E+01	1337	6.00E+01	1337	---	---	Lb/Tons Burned
50100508	Conical Design (Tee Pee) Wood Refuse	1.00E+00	1332	3.85E+00	252	0.10E+00	1332	1.00E+00	1332	1.10E+01	1332	1.30E+02	1332	---	---	Lb/Tons Burned
50100510	Trench Burner: Wood	1.30E+01	1331	4.94E+00	252	1.00E-01	252	4.00E+00	1331	1.90E+01	252	---	---	---	---	Lb/Tons Burned
50100511	Trench Burner: Tires	1.38E+02	1331	5.24E+01	253	---	---	---	---	6.00E+00	446	---	---	---	---	Lb/Tons Burned
50100512	Trench Burner: Refuse	3.70E+01	1331	1.41E+01	251	2.50E+00	1332	---	---	1.30E+01	446	---	---	---	---	Lb/Tons Burned
50100515	Sludge: Multiple Hearth	1.00E+02	1332	0.82E+01	1332	2.00E+01	252	5.00E+00	1332	1.70E+00	1332	3.10E+01	1332	0.10E+00	1332	Lb/Tons Dried Sludge
50100516	Sludge: Fluidized Bed	4.60E+02	1332	---	---	0.30E+00	1332	1.70E+00	1332	---	---	2.10E+00	1332	4.00E-02	1332	Lb/Tons Dried Sludge
50100517	Sludge: Electric Infrared	7.40E+00	1332	0.60E+01	1332	2.00E+01	252	0.86E+01	1332	---	---	---	---	---	---	Lb/Tons Dried Sludge
<b><u>5-01-007 Sewage Treatment</u></b>																
50100701	Entire Plant	---	---	---	---	---	---	---	---	8.90E+00	421	---	---	---	---	Lb/Million Gallons Wastewater
<b><u>5-02 SOLID WASTE DISPOSAL - COMMERCIAL/INSTITUTIONAL</u></b>																
<b><u>5-02-001 Incineration</u></b>																
50200101	Multiple Chamber	7.00E+00	1331	4.70E+00	253	2.50E+00	252	3.00E+00	1331	3.00E+00	252	1.00E+01	1331	---	---	Lb/Tons Burned
50200102	Single Chamber	1.50E+01	1331	5.70E+00	253	2.50E+00	252	2.00E+00	1331	1.50E+01	252	2.00E+01	1331	---	---	Lb/Tons Burned
50200103	Controlled Air	---	---	1.04E+00	253	---	---	---	---	---	---	---	---	---	---	Lb/Tons Burned
50200104	Conical Design (Tee Pee) Municipal Refuse	2.00E+01	252	1.10E+01	252	2.00E+00	252	5.00E+00	252	2.00E+01	252	6.00E+01	252	---	---	Lb/Tons Burned
50200105	Conical Design (Tee Pee) Wood Refuse	7.00E+00	252	3.85E+00	253	1.00E-01	252	1.00E+00	252	1.10E+01	252	1.30E+02	252	---	---	Lb/Tons Burned
<b><u>5-02-002 Open Burning</u></b>																
50200201	Wood	1.70E+01	252	---	---	---	---	4.00E+00	252	1.90E+01	252	1.40E+02	252	---	---	Lb/Tons Burned
50200202	Refuse	1.60E+01	252	1.60E+01	399	1.00E+00	399	6.00E+00	252	3.00E+01	252	8.50E+01	252	---	---	Lb/Tons Burned
50200203	Field Crops	---	---	---	---	---	---	---	---	1.80E+01	252	---	---	---	---	Lb/Tons Burned
50200204	Vine Crops	---	---	---	---	---	---	---	---	5.00E+00	252	---	---	---	---	Lb/Tons Burned



SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>5-02-002 Open Burning</u></b>																
50200205	Weeds	---		---		---		---		9.00E+00	252	---		---		Lb/Tons Burned
50200206	Orchard Crops	---		---		---		---		8.00E+00	252	---		---		Lb/Tons Burned
50200207	Forest Residues	---		---		---		---		1.90E+01	252	---		---		Lb/Tons Burned
<b><u>5-02-003 Apartment Incineration</u></b>																
50200301	Flue Fed	3.00E+01	1331	1.14E+01	253	5.00E-01	252	3.00E+00	1331	1.50E+01	252	2.00E+01	1331	---		Lb/Tons Burned
50200302	Flue Fed with Afterburner and Draft Controls	6.00E+00	1331	4.02E+00	253	5.00E-01	252	1.00E+01	1331	3.00E+00	252	1.00E+01	1331	---		Lb/Tons Burned
<b><u>5-02-005 Incineration: Special Purpose</u></b>																
50200505	Pathological	4.67E+00	1333	5.92E+00	253	7.50E+00	699	3.56E+00	1333	1.02E+01	447	2.95E+00	1333	7.28E-02	1333	Lb/Tons Burned
<b><u>5-02-006 Landfill Dump</u></b>																
50200601	Waste Gas Flares ** (Use 5-01-004-10)	---		---		2.00E-03 *	1334	---		5.60E+00	252	5.00E-02 *	1334	---		Lb/Million Cubic Feet Burned
						<small>lb/hr/dscfm uncontrolled methane</small>						<small>lb/hr/dscfm uncontrolled methane</small>				
50200602	Municipal: Fugitive Emissions ** (Use 5-01-004-02)	---		---		---		---		EQ7 *	1334	EQ8 *	1334	---		Lb/Acres of Landfill
										<small>lb/yr</small>		<small>lb/yr</small>				
<b><u>5-02-009 Asbestos Removal</u></b>																
50200901	General	---		---		---		---		0.00E+00	152	---		---		Lb/Tons of Waste Removed
<b><u>5-03 SOLID WASTE DISPOSAL - INDUSTRIAL</u></b>																
<b><u>5-03-001 Incineration</u></b>																
50300101	Multiple Chamber	7.00E+00	1331	4.70E+00	253	2.50E+00	252	3.00E+00	1331	3.00E+00	252	1.00E+01	1331	---		Lb/Tons Burned
50300102	Single Chamber	5.28E+00	1141	5.70E+00	253	2.50E+00	252	2.00E+00	1331	1.50E+01	252	2.00E+01	1331	1.80E-03	1141	Lb/Tons Burned
50300103	Controlled Air	---		1.04E+00	253	---		---		---		---		---		Lb/Tons Burned
50300104	Conical Design (Tee Pee) Municipal Refuse	2.00E+01	252	1.10E+01	252	2.00E+00	252	5.00E+00	252	2.00E+01	252	6.00E+01	252	---		Lb/Tons Burned
50300105	Conical Design (Tee Pee) Wood Refuse	7.00E+00	252	3.85E+00	253	1.00E-01	252	1.00E+00	252	1.10E+01	252	1.30E+02	252	---		Lb/Tons Burned
50300106	Trench Burner: Wood	1.30E+01	1331	4.94E+00	253	1.00E-01	252	4.00E+00	1331	0.00E+00	252	0.00E+00	252	---		Lb/Tons Burned
50300107	Trench Burner: Tires	1.38E+02	1331	5.24E+01	253	---		---		6.00E+00	446	---		---		Lb/Tons Burned
50300108	Auto Body Components	2.00E+00	252	1.20E+00	253	---		1.00E-01	252	---		2.50E+00	252	---		Lb/Cars Burned
50300109	Trench Burner: Refuse	3.70E+01	1331	1.41E+01	253	2.50E+00	252	---		1.30E+01	446	---		---		Lb/Tons Burned
50300111	Mass burn Refractory Wall Combustor	2.51E+01	1331	---		3.46E+00	1331	2.46E+00	1331	---		1.37E+00	1331	2.13E-01	1331	Lb/Tons Burned
50300112	Mass Burn Waterwall Combustor	2.51E+01	1331	---		3.46E+00	1331	3.56E+00	1331	---		4.63E-01	1331	2.13E-01	1331	Lb/Tons Burned

SCC	SCC Description	PM	Ref	PM10	Ref	SOx	Ref	NOx	Ref	VOC	Ref	CO	Ref	Lead	Ref	Standard Units
<b><u>5-03-001 Incineration</u></b>																
50300113	Mass Burn Rotary Waterwall Combustor	2.51E+01	1331	---	---	3.46E+00	1331	2.25E+00	1331	---	---	7.66E-01	1331	2.13E-01	1331	Lb/Tons Burned
50300114	Modular Starved-air Combustor	3.43E+00	1331	---	---	3.23E+00	1331	3.16E+00	1331	---	---	2.99E-01	1331	---	---	Lb/Tons Burned
50300115	Modular Excess-air Combustor	2.51E+01	1331	---	---	3.46E+00	1331	2.47E+00	1331	---	---	---	---	2.13E-01	1331	Lb/Tons Burned
<b><u>5-03-002 Open Burning</u></b>																
50300201	Wood/Vegetation/Leaves	2.20E+01	1335	1.70E+01	252	---	---	4.00E+00	252	1.80E+01	1335	1.08E+02	1335	---	---	Lb/Tons Burned
50300202	Refuse	1.60E+01	1335	1.60E+01	399	1.00E+00	1335	6.00E+00	1335	3.00E+01	1335	8.50E+01	1335	---	---	Lb/Tons Burned
50300203	Auto Body Components	1.00E+02	1335	1.00E+02	399	0.00E+00	252	4.00E+00	1335	3.20E+01	1335	1.25E+02	1335	6.70E-04	1335	Lb/Tons Burned
50300204	Coal Refuse Piles	---	---	1.80E-01	253	---	---	---	---	---	---	---	---	---	---	Lb/Cubic Yards of Pile
<b><u>5-03-005 Incineration</u></b>																
50300501	Hazardous Waste	---	---	2.00E-01	698	---	---	---	---	---	---	---	---	---	---	Lb/Million Btu/Year Heat Input
<b><u>5-03-006 Landfill Dump</u></b>																
50300601	Waste Gas Flares	---	---	---	---	2.00E-03 *	1334	---	---	---	---	5.00E-02 *	1334	---	---	Lb/Million Cubic Feet Burned
						lb/hr/dscfm						lb/hr/dscfm				uncontrolled methane
						uncontrolled methane						uncontrolled methane				
<b><u>5-03-007 Liquid Waste</u></b>																
50300701	General	3.80E+00	448	3.80E+00	448	---	---	4.26E+01	448	4.50E+00	448	---	---	---	---	Lb/1000 Gallons Waste Burned
<b><u>5-03-008 Treatment, Storage, Disposal/TSDF</u></b>																
50300830	Containers: Fugitive Emissions	---	---	---	---	---	---	---	---	2.22E+02	374	---	---	---	---	Lb/1000 Containers Stored
<b><u>5-03-009 Asbestos Removal</u></b>																
50300901	General	---	---	---	---	---	---	---	---	0.00E+00	357	---	---	---	---	Lb/Tons Waste Removed



**FIRE Version 5.0  
Source Classification Codes  
and Emission Factors  
for Criteria Air Pollutants  
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- 255 Personal communication with Mr. Lee Gribovicc, Wyoming Division of Air Quality. January 1987. Only the calcines and the rotary dryer (if direct-fired) are expected to have any SOx, NOx, or VOC emissions.
- 257 SOx emission factor based on two values from state files (State D).
- 258 Personal communication with Mr. Willard Hanks, Florida Bureau of Air Quality Management. March 20, 1987. NOx emissions from the ammoniator are expected to be zero because there is no source.
- 259 Personal communication with Mr. William Thomas, Florida Department of Natural Resources, Southwest District office. Mr. Thomas is not aware of any VOC testing ever having been done in the phosphate industry but feels there are small amounts of VOCs emitted from the phosphate rock processing.
- 260 SOx and NOx emission factors estimated to be zero or negligible based on engineering judgement.
- 261 NOx and SOx emission factors are zero based on reported emissions from industry test results taken from state files (State H).
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- 263 NOx emission factor based on two values from state files (State D).
- 264 VOC emission factor based on two values from state files (State D). VOC emissions are reported as total hydrocarbons and may overestimate VOCs.
- 265 NOx emission factor based on one value from state files (State E).
- 266 VOC emission factor based on five values from state files (State A).
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- 290 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 6: Selected Processes. Report 2. Table IV-1. EPA-450/3-80-028a (NTIS PB81-220550). U.S. Environmental Protection Agency.
- 291 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 6: Selected Processes. Report 2. Table IV-3. EPA-450/3-80-028a (NTIS PB81-220550). U.S. Environmental Protection Agency.
- 292 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 9: Selected Processes. Report 5. Table IV-1. EPA-450/3-80-028d (NTIS PB81-220584). U.S. Environmental Protection Agency.
- 293 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 6: Selected Processes. Report 5. Table IV-1. EPA-450/3-80-028a (NTIS PB81-220550). U.S. Environmental Protection Agency.
- 294 EPA. October 1985. In: Locating And Estimating Air Emissions From Sources Of Ethylene Oxide, Final Report. Table 6. EPA-450/4-84-0071. U.S. Environmental Protection Agency. Factor is a maximum value and is based on air-oxidation process.

- 295 EPA. October 1985. In: Locating And Estimating Air Emissions From Sources Of Ethylene Oxide, Final Report. Table 7. EPA-450/4-84-0071. U.S. Environmental Protection Agency. Factor is a maximum value and is based on oxygen-oxidation process.
- 296 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 9: Selected Processes. Report 4. Table IV-5. EPA-450/3-80-028d (NTIS PB81-220584). U.S. Environmental Protection Agency. Based on oxygen-oxidation process.
- 297 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 10: Selected Processes. Report 3. Table IV-1. EPA-450/3-80-028e (NTIS PB81-220592). U.S. Environmental Protection Agency. Factor applies to chlorination process.
- 298 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 10: Selected Processes. Report 3. Table IV-1. EPA-450/3-80-028e (NTIS PB81-220592). U.S. Environmental Protection Agency. Factors apply to chlorination process and are reported as maximum values.
- 300 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 7: Selected Processes. Report 4. Table IV-1. EPA-450/3-80-028b (NTIS PB81-220568). U.S. Environmental Protection Agency.
- 301 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 7: Selected Processes. Report 4. Table IV-1. EPA-450/3-80-028b (NTIS PB81-220568). U.S. Environmental Protection Agency. An emission factor of 9.2 was divided evenly among three SCCs--TDA Vacuum Distillation Vent, Dichlorobenzene Solvent Recovery, and TDI Flash Distillation--because no breakdown of individual processes was provided.
- 304 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 7: Selected Processes. Report 6. Table IV-4. EPA-450/3-80-028b (NTIS PB81-220568). U.S. Environmental Protection Agency. Factor applies to Hercules technology.
- 305 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 7: Selected Processes. Report 6. EPA-450/3-80-028b (NTIS PB81-220568). U.S. Environmental Protection Agency. NOx emissions are expected to be zero based on review of the raw materials and process description.
- 306 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 7: Selected Processes. Report 6. Tables IV-1 and IV-4. EPA-450/3-80-028b (NTIS PB81-220568). U.S. Environmental Protection Agency. Factor applies to both Allied and Hercules technologies.
- 309 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 10: Selected Processes. Report 1. Table IV-2. EPA-450/3-80-028e (NTIS PB81-220592). U.S. Environmental Protection Agency. Factor applies to isobutane hydroperoxide process. This factor is the sum of two streams' reported values.
- 310 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 10: Selected Processes. Report 1. Table IV-3. EPA-450/3-80-028e (NTIS PB81-220592). U.S. Environmental Protection Agency. Factor applies to ethylbenzene hydroperoxide process. Trace value is reported as zero.

- 311 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 6: Selected Processes. Report 6. Table IV-1. EPA-450/3-80-028a (NTIS PB81-220550). U.S. Environmental Protection Agency.
- 312 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 7: Selected Processes. Report 7. Table IV-2. EPA-450/3-80-028b (NTIS PB81-220568). U.S. Environmental Protection Agency. Factor applies to olefin process.
- 313 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 7: Selected Processes. Report 7. Table IV-4. EPA-450/3-80-028b (NTIS PB81-220568). U.S. Environmental Protection Agency. Factor applies to chlorination process.
- 314 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 9: Selected Processes. Report 2. Table IV-1. EPA-450/3-80-028d (NTIS PB81-220584). U.S. Environmental Protection Agency.
- 315 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 9: Selected Processes. Report 8. Table IV-1. EPA-450/3-80-028d (NTIS PB81-220584). U.S. Environmental Protection Agency.
- 316 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 9: Selected Processes. Report 9. Tables IV-1 through IV-3. EPA-450/3-80-028d (NTIS PB81-220584). U.S. Environmental Protection Agency.
- 318 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 6: Selected Processes. Report 3. Table IV-1. EPA-450/3-80-028a (NTIS PB81-220550). U.S. Environmental Protection Agency.
- 321 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 10: Selected Processes. Report 3. Table IV-1. EPA-450/3-80-028e (NTIS PB81-220592). U.S. Environmental Protection Agency. Factors reported are maximum values.
- 322 JACA Corporation. September 1986. In: Listing Of Iron And Steel Stack Test Reports, Update. Prepared under EPA Contract No. 68-02-3962. The results of two lanced tests and two unlanced tests were averaged.
- 323 JACA Corporation. September 1986. In: Listing Of Iron And Steel Stack Test Reports, Update. Prepared under EPA Contract No. 68-02-3962. SOx and NOx emission factors based on the average of three emission tests.
- 324 EPA. May 1980. In: Electric Arc Furnaces in Ferrous Foundries - Background Information For Proposed Standards. EPA-450/3-80-020a. U.S. Environmental Protection Agency. Research Triangle Park, North Carolina. When alloys are used, tapping can account for up to 10% of total furnace emissions. This 10% was used, and therefore, the value given is a maximum (p.3-24, Section 3.2.2.6). Total furnace emissions were based on two facilities, Plant A and B, described in Appendix C. (See Tables C-38 and C-39.)
- 325 NOx and SOx emission factors were transferred from listings for an electric arc furnace heating alloy steel.

- 326 VOC emission factor based on the mean of 21 values from state files (State D). Emissions are reported as total hydrocarbons and may overestimate VOCs.
- 327 EPA. August 1982. In: Metallic Mineral Processing Plants - Background Information For Proposed Standards, Volume 1. EPA-450/3-81-009a (NTIS PB83-113746). U.S. Environmental Protection Agency. Particulate emissions are expected to be zero based this information (p.3-37, Section 3.2.6).
- 328 EPA. August 1982. In: Metallic Mineral Processing Plants - Background Information For Proposed Standards, Volume 1. EPA-450/3-81-009a (NTIS PB83-113746). U.S. Environmental Protection Agency. NOx, SOx, and VOC emissions from materials crushing and handling are expected to be zero based on process descriptions in Chapter 3.
- 329 NOx emission factor based on three values from state files (State D).
- 330 VOC, NOx, and SOx emissions are estimated to be negligible based on personal communication with industry representatives. Emissions are less than 100 tons per year for these pollutants.
- 332 VOC emission factor based on two values from state files (State D). VOC emissions are reported as total hydrocarbons and may overestimate VOCs.
- 333 Particulate and PM10 values transferred from those found in Gray Iron Foundries (SCC 3-04-003).
- 334 Emission factor based on the average of five values from state files (State K).
- 335 Emission factor based on two values from state files (State E).
- 339 EPA. Appendix C.1, Particle Size Distribution Data and Sized Emission Factors for Selected Sources. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.
- 340 Values assumed to be zero by engineering judgement.
- 341 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. Tables 8.24-4 and 8.24-5. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.
- 343 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. Page 1.3-2. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is calculated assuming 1% sulfur content in fuel. Particulate emissions from residual oil combustion can be more accurately estimated from the equation  $\text{lb}/1000 \text{ gal} = 10(S)+3$ , where  $S = \% \text{ sulfur in fuel}$ .

- 345 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Total SOx emissions are reported as SO2.
- 346 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factors for distillate oil use in utility boilers are assuming emissions are similar to industrial boilers.
- 347 Emission factor was transferred from natural gas burning boilers assuming process similarity.
- 348 Emission factor was estimated using technology transfer from other coal burning boilers.
- 349 Emission factor is calculated assuming that the ratio of PM10 to total particulates is the same for wood-fired boilers as for wood/bark-fired boilers.
- 350 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. And in: Air Emission Species Manual, Volume 1: Volatile Organic Compound Species Profiles. EPA-450/2-88-003a. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.
- 351 KVB, Inc., Research and Analyses Division. March 1981. In: Emissions from Refinery Process Heaters Equipped with Low NOx Burners (KVB11-6019-1274). Prepared under EPA Contract No. 68-02-2645. VOC emission factors for incinerators and flares were estimated assuming 98 percent combustion efficiencies, which is currently accepted as achievable by EPA, in its standards development activities. Speciated composites for ten natural gas samples were obtained from this document. The calculated emission factor for natural gas-fired incinerators represents an estimate which should be used only in the absence of specific emissions data. There is great variability in the operating parameters of incinerators (i.e., temperature, residence time) which should be considered in applying these emission factor estimates. VOC emission factors for oil-fired and process gas-fired incinerators were estimated from emission factors presented for oil-fired process heaters because no "typical" speciated profiles were obtained for oil process gas. The ratio of emissions from gas-fired incinerators to emissions from gas-fired process heaters was applied to the other fuel-fired heaters to obtain emission factor estimates for incinerators. The estimated VOC emission factors for incinerators and flares were transferred to other industries assuming that the emissions from these combustion sources are dependent on the type of fuel burned, rather than on the material being heated or burned.
- 352 Emission factor based on three values from States D and E.
- 353 Emission factor based on five values from States D and E. Emission factor is for total hydrocarbon emissions and may overestimate VOC emissions.

- 354 Emission factor is based on five values from States D and E.
- 355 VOC emission factor for solvent consumption based on values from States A and D. This emission factor was transferred to adhesive consumption in the absence of better data. Values from State D represent total hydrocarbon emissions and may overestimate VOC emissions.
- 357 Emission factor is zero based on engineering judgement.
- 358 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is calculated assuming the following tank parameters: tank diameter = 110 feet; paint factor = 1.0 (new white paint); average vapor space height = 24 feet; tank capacity = 67,000 barrels; storage temp. = 60 F; 1 barrel = 42 gallons; average daily temp. change = 15 F; average atmospheric pressure = 14.7 psia. Organic liquid parameters are taken from AP-42, Table 4.3-2, and standard chemical reference texts.
- 359 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is calculated assuming the following parameters: tank diameter = 200 feet; paint factor = 1.0 (new white paint); average vapor space height = 22 feet; tank capacity = 250,000 barrels; storage temp. = 60 F; average daily temp. change = 15 F; average atmospheric pressure = 14.7 psia. Fuel parameters are taken from AP-42, Table 4.3-2.
- 360 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factors are calculated assuming 13 annual product turnovers. Organic liquid properties are from Table 4.3-2, at an assumed storage temperature of 60 F.
- 361 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factors are calculated assuming 2625 barrels vapor space expansion capacity and 6 transfers into system.
- 362 Average of 2 values from State A and 4 values from State D.
- 363 Average of four values reported from State D.
- 364 Average of 15 values reported from State D.
- 365 Average of 2 values from State A and 15 values reported from State D.
- 366 Emission factor is transferred from SCC 4-04-001-51 (same process description).

- 367 EPA. Section 4.4-5. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is calculated assuming splash loading, normal service, and 60 F liquid temperature.
- 368 Emission factor is transferred assuming that properties of petroleum distillates are similar to those of naphtha.
- 369 VOC emission factor based on nine VOC emission factor values from state files (State A). This source category includes storage of various petroleum liquids. The emission factor is an approximation which should be used only in the absence of specific emissions data.
- 370 Emission factor is based on four VOC emission factor values from State A.
- 371 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is calculated assuming 13 annual product turnovers. Organic chemical properties are from standard chemical reference texts, at an assumed storage temperature of 60 F.
- 372 Methylene chloride is currently considered negligibly reactive and is not reportable as a VOC.
- 373 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factors are calculated using formulas and default parameters. Organic chemical properties are from chemical reference texts, assuming a storage temperature of 60 F. Other assumptions are as follows: tank volume = 67,000 barrels (42 gallon barrels); annual turnovers = 13; seal factor = 6.7 (vapor mounted resilient seal, primary only); effective column diameter = 1 foot; wind speed exponent = 0; bolted deck, seam length factor = 0.2 feet.
- 374 February 1985. In: Preliminary Source Assessment For Hazardous Waste Air Emissions From Treatment, Storage, And Disposal Facilities (TSDFs). EPA Contract No. 68-01-6871. Calculations were made assuming that waste is stored in 55-gallon drums, and that average liquid waste density is 8 lb/gallon.
- 376 Emission factors for cogeneration were transferred from other external combustion sources based on process similarity.
- 377 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. Table 1.3-3. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is calculated assuming 1% sulfur content in fuel. A more accurate emission estimate can be calculated for fuels of known sulfur content, using the formula  $\text{lb}/1000 \text{ gal} = 8.96(S) + 2.72$ , where  $S = \% \text{ sulfur in fuel}$ .

- 379 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. Table 1.11-1. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is calculated assuming 0.04% lead content in waste oil. A more accurate estimate can be calculated using the formula  $lb/1000\ gal = 42(P)$ , where  $P = \% \text{ lead in fuel}$ .
- 380 Emission factor is based on one emission test from state files (State I).
- 381 Emission factor was transferred from other oil-burning boilers assuming process similarity.
- 382 Emission factor is based on the values from state files (State D).
- 383 VOC emission factors based on two values from state files (State D). VOC emissions are reported as total hydrocarbon and may overestimate VOCs.
- 385 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Third Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Particulate emission factor is the average of emission factors listed for this process. This value should only be used in the absence of better information.
- 386 Emission factor is transferred from oil-fired engines.
- 387 Emission factor for cogeneration unit is assumed to be the same as for standard unit by engineering judgement.
- 389 PM10 is based on a percentage of the particulate. Therefore, the PM10 has been recalculated based on the changed particulate value.
- 390 Particulate value is for open hood and therefore PM10 value is for open hood.
- 392 EPA. March 1980. In: Source Category Survey: Ceramic Clay Industry. Chapter 5. EPA-450/3-80-017 (NTIS PB80-227507). U.S. Environmental Protection Agency. No emissions are expected based on this information.
- 394 VOC emission factor based on four values from state files (State D). VOC emissions are reported as total hydrocarbons and may overestimate VOCs.
- 395 Emission factor based on two values from state files (State A).
- 396 Emission factor based on one value from state files (State E).
- 397 Emission factor based on five values from state files (State E).
- 398 EPA. May 1980. In: Source Category Survey: Thermal Process Phosphoric Acid Manufacturing Industry. Chapter 5, p. 21. EPA-450/3-80-018 (NTIS PB80-193469). U.S. Environmental Protection Agency.
- 399 Emission factor based on one value from state files (State A).



- 400 EPA. March 1978. In: Source Assessment: Plastics Processing, State Of The Art. Table 5. EPA-600/2-78-004c (NTIS PB 280926). U.S. Environmental Protection Agency. An emission factor of "negligible" has been reported for processes where no consumption of plastic is expected. A VOC factor for polyether resins was estimated based on an average of the other resin products described.
- 401 EPA. January 1981. In: Ammonium Nitrate Manufacturing Industry - Technical Document. Chapter 3. EPA-450/3-81-002 (NTIS PB81-152928). U.S. Environmental Protection Agency. VOC emissions are expected to be zero based on process description.
- 402 September 1986. In: National Council On Air And Stream Improvement For The Pulp And Paper Industry (NCASI) Technical Bulletin 504. VOC emission factor averaged from data presented. They apply to dryers in the wood panelboard industry, and emissions are reported as loss of carbon.
- 404 VOC emissions from inorganic chemical manufacturing and storage are expected to be zero using engineering judgement.
- 405 Personal communication with Mr. William Thomas, Florida Department of Natural Resources, Southwest District Office. Mr. Thomas is not aware of any VOC testing ever having been done in the phosphate industry but feels there are small amounts of VOCs emitted from the phosphate rock processing. Mr. Thomas also felt that there are no SOx emissions from phosphoric acid manufacturing processes.
- 406 JACA Corporation. September 1986. In: Listing Of Iron And Steel Stack Test Reports, Update. Prepared under EPA Contract No. 68-02-3962. NOx emission factor based on the average of three emission tests.
- 408 EPA. February 1984. In: Multimedia Pollution Assessment Of The Wood Products Industries, Final Report. Table 55. EPA-600/2-81-008 (NTIS PB84-160266). U.S. Environmental Protection Agency.
- 410 Emission factor based on one value from state files (State F).
- 415 Emission factor based on one value from state files (State E).
- 416 Personal communication with Mr. Victor Dallons, National Council on Air and Stream Improvement for the Pulp and Paper Industry (NCASI) and Mr. Jay Willenberg, Washington Department of Ecology. January 26, 1987 and March 2, 1987, respectively. They indicated that emissions from the fluid bed calcine would probably be similar to those from the lime kiln.
- 417 Personal communication with Mr. Lloyd Kostaw, Oregon Department of Environmental Quality. March 12, 1987. There is no potential source for SOx emissions.
- 418 EPA. February 1977. In: Industrial Process Profiles For Environmental Use. Chapter 24: Iron and Steel Industry. EPA-600/2-77-023x (NTIS PB-266226/0). U.S. Environmental Protection Agency. NOx and SOx emissions are considered negligible based on process descriptions.
- 420 SOx emissions are estimated to be negligible based on engineering judgement.

- 421 VOC emissions are estimated to be negligible because the blowing agent is not considered a volatile organic compound using EPA definition.
- 423 VOC emission factor based on information provided from a 1985 wastewater treatment plant study conducted by U.S. EPA Region I. VOC emissions are dependent on the treatment method and the content of the VOCs in the wastewater influent; therefore, this estimate should be used only in the absence of site-specific data.
- 429 Emission factor based on reported emissions from industry test results taken from state files (State H).
- 430 Personal communication with the Michigan Air Quality Division. April 2, 1987. Based on natural gas use.
- 431 December 1977. In: National Council On Air And Stream Improvement For The Pulp And Paper Industry (NCASI) Technical Bulletin 105. Table 4. Emission factor is average of three results.
- 433 September 1981. In: National Council On Air And Stream Improvement For The Pulp and Paper Industry (NCASI) Technical Bulletin 358. Table 6. Data are in units of total gaseous non-methane organics used as best estimate of VOCs.
- 435 Emission factor based on one value from state files (State E).
- 437 Personal communication with Mr. Bill Fuller, Oregon Department of Environmental Quality. April 17, 1987. Emission factors transferred from sulfate process fluid bed calcine.
- 438 EPA. February 1984. In: Multimedia Pollution Assessment Of The Wood Products Industries, Final Report. Page 144. EPA-600/2-81-008 (NTIS PB84-160266). U.S. Environmental Protection Agency.
- 439 VOC emission factor based on the mean of two values from state files (State D). Emissions are reported as total hydrocarbons and may overestimate VOCs.
- 440 Emission factor based on one value from state files (State G).
- 441 Emission factor based on one value from state files (State G). Emission factor represents total hydrocarbons and may overestimate VOC emissions.
- 442 VOC emission factors for dipping, spinning, and wrapping are based on coal tar epoxy use and associated solvent loss of 3 lb per gallon of epoxy. Coal tar epoxies may be sprayed and require no heat use. The units of lb/1000 square feet are for a 7mm thick coating.
- 443 SOx emission factor based on the mean of four values from state files (State D).
- 446 Burckle, John O. In: The Effects of the Operating Variables and Refuse Types on the Emissions from a Pilot Scale Trench Incinerator. National Center for Air Pollution Control. Fairfax Facility, Cincinnati, Ohio. Emission factor, reported as acetic acid, is average of four tests. Paper was prepared for presentation at the 1968 National Incinerator Conference, May 5-8, 1968 in New York City and publication in the proceedings of the conference.

- 447 Emission factor based on six values from state files (State D). Emissions are reported as total hydrocarbons and may overestimate VOCs.
- 448 Emission factor based on one value from state files (State I).
- 449 Emission factor based on four values from state files (State E). The factor is applied to all absorbers in this SCC with the assumption that NOx emissions are independent of conversion efficiency.
- 450 EPA. August 1980. In: Sodium Carbonate Industry - Background Information For Proposed Standards. Draft EIS. EPA-450/3-80-029a (NTIS PB80-219678). U.S. Environmental Protection Agency. Emission factor is estimated to be zero based on process description.
- 451 Emission factor is based on data in state files (State A).
- 453 EPA. March 1982. In: Synthetic Fiber Production - Background Information For Proposed Standards. Table 6-1. EPA-450/3-82-011a (NTIS PB83-153015). U.S. Environmental Protection Agency. Assumes dry spinning process for filament yarn.
- 454 Emission factor based on one value from state files (State K).
- 455 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 10: Selected Processes. Report 9. Table IV-1. EPA-450/3-80-028e (NTIS PB81-220592). U.S. Environmental Protection Agency. Based on butanol dehydrogenation process.
- 456 Negligible VOC emissions are expected based on process descriptions provided by Agency personnel in State E.
- 457 Emission factor based on three values from state files (State E).
- 458 Emission factor based on two values from state files (State E).
- 460 Emission factor based on two values from state files (State I).
- 462 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume I. Table ACD-VII. EPA-450/3-73-005a. U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 463 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Table FS-VII. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 464 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume I. Table AC-VI. EPA-450/3-73-005a. U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.

- 465 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume I. Table HAC-VII. EPA-450/3-73-005a. U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 466 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume I. Table ACA-VI. EPA-450/3-73-005a. U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 467 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume III. Table PH-VI. EPA-450/3-73-005c. U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 468 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume I. Table ANA-VI. EPA-450/3-73-005a. U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 469 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Table CO-VII. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 470 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume I. Table ANA-VI. EPA-450/3-73-005a. U.S. Environmental Protection Agency. Factor is reported as hydrocarbons and may overestimate VOCs. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 471 PM10 emission factor is assumed to be zero because particulate factor for same SCC is zero.
- 472 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Table G-VI. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 473 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Table G-VI. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Factor is reported as hydrocarbons and may overestimate VOCs. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.

- 476 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Table EDC-VII. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 477 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 8: Selected Processes. Report 6. Table IV-1. EPA-450/3-80-028c (NTIS PB81-220576). U.S. Environmental Protection Agency. Emissions are based on a model plant and data from industry. Based on methane chlorination process. Emission factor includes methylene chloride emissions and may overestimate VOCs.
- 478 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 8: Selected Processes. Report 4. Table IV-1. EPA-450/3-80-028c (NTIS PB81-220576). U.S. Environmental Protection Agency. Emission factor based on the average of two numbers. Based on vinyl chloride process. Emission factor may include nonreactive product, which would overestimate VOCs.
- 479 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 8: Selected Processes. Report 4. Table IV-9. EPA-450/3-80-028c (NTIS PB81-220576). U.S. Environmental Protection Agency. Based on chlorination of ethylene dichloride.
- 480 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume IV. Table VC-VI. EPA-450/3-73-005d (NTIS PB 245630). U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 481 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume IV. Table VC-VI. EPA-450/3-73-005d (NTIS PB 245630). U.S. Environmental Protection Agency. An emission factor of 2.0 was divided evenly between two SCCs--the dichloroethane and vinyl chloride monomer dryers--because no breakdown was provided. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 482 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 8: Selected Processes. Report 3. EPA-450/3-80-028c (NTIS PB81-220576). U.S. Environmental Protection Agency. SOx and NOx are expected to be zero based on process description.
- 483 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 8: Selected Processes. Report 3. EPA-450/3-80-028c (NTIS PB81-220576). U.S. Environmental Protection Agency. Emission factor was calculated by weighting values of Table IV-1 by 1978 production figures of Table V-I (60%, 22%, and 18% for CFCs 12/11, 23/22, and 113/114, respectively).
- 484 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 8: Selected Processes. Report 3. Table IV-1. EPA-450/3-80-028c (NTIS PB81-220576). U.S. Environmental Protection Agency.

- 485 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Table EDC-VII. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 486 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Table HCN-VI. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Emission factor is expected to be zero based on process description.
- 487 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Tables VI-VI and VAC-VI. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Emission factor is expected to be zero.
- 488 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume II. Tables EL-VI and EL-VII. EPA-450/3-73-005b (NTIS PB 244958). U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 489 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume IV. Table ST-VI. EPA-450/3-73-005d (NTIS PB 245630). U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 490 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume III. Table OA-VI. EPA-450/3-73-005c. U.S. Environmental Protection Agency. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 491 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume I. Tables AL-VI and AL-VII. EPA-450/3-73-005a. U.S. Environmental Protection Agency. Based on adipic acid process. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 492 EPA. April 1974. In: Survey Reports On Atmospheric Emissions From The Petrochemical Industry, Volume I. Tables AN-VI and AN-VII. EPA-450/3-73-005a. U.S. Environmental Protection Agency. Based on butadiene process. Factors include fugitive emissions. Emissions data were collected through industry questionnaires in the early 1970s and should only be used in the absence of more recent source-specific emissions data.
- 493 EPA. March 1983. In: Polymer Manufacturing Industry - Background Information For Proposed Standards. Table 3-6. EPA-450/3-83-019a (NTIS PB88-114996). U.S. Environmental Protection Agency.

- 494 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 8: Selected Processes. Report 2. Table IV-1. EPA-450/3-80-028c (NTIS PB81-220576). U.S. Environmental Protection Agency.
- 495 VOC emissions are assumed to be zero based on engineering judgement.
- 496 Personal communication with Mr. Steve Jenness, Army Environmental Hygiene Agency, Maryland. February 1987. Mr. Jenness only had AP-42 data (Table 5.6-2) and said that VOCs (toluene and trinitromethane) were found to be negligible.
- 497 Personal communication with Mr. James Morris, Radford Army Ammunition Manufacturing Plant. February 1987. Mr. Morris believes that the batch process is no longer being used but that VOC emissions would be similar to those of the continuous process.
- 498 VOC emissions from incinerator are assumed to be similar to those from open burning of waste.
- 499 Emissions are expected to be zero based on engineering judgement.
- 500 Emission factor based on three values in state files (State D). VOC factor is reported as total hydrocarbons and may overestimate VOCs.
- 501 EPA. March 1978. In: Source Assessment: Plastics Processing, State Of The Art. Table 5. EPA-600/2-78-004c (NTIS PB 280926). U.S. Environmental Protection Agency. The factor applies specifically to high-density polyethylene extrusion.
- 502 EPA. March 1978. In: Source Assessment: Plastics Processing, State Of The Art. Table 5. EPA-600/2-78-004c (NTIS PB 280926). U.S. Environmental Protection Agency. The emission factor applies specifically to adhesives process operation.
- 503 EPA. March 1978. In: Source Assessment: Plastics Processing, State Of The Art. Table 5. EPA-600/2-78-004c (NTIS PB 280926). U.S. Environmental Protection Agency. The emission factor applies specifically to foam process operation.
- 504 EPA. November 1983. In: EPA Guideline Series: Control Of Volatile Organic Compound Emissions From Manufacture Of High-Density Polyethylene, Polypropylene, and Polystyrene Resins. Table 2-6. EPA-450/3-83-008 (NTIS PB84-134600). U.S. Environmental Protection Agency. The emission factor applies specifically to HDPE manufacture and is the midpoint of the range of values, closed loop drying system (Stream B).
- 505 EPA. November 1983. In: EPA Guideline Series: Control Of Volatile Organic Compound Emissions From Manufacture Of High-Density Polyethylene, Polypropylene, and Polystyrene Resins. Table 2-6. EPA-450/3-83-008 (NTIS PB84-134600). U.S. Environmental Protection Agency. The emission factor applies specifically to HDPE manufacture, polymer fluff storage and mixers (Stream C).

- 506 EPA. November 1983. In: EPA Guideline Series: Control Of Volatile Organic Compound Emissions From Manufacture Of High-Density Polyethylene, Polypropylene, and Polystyrene Resins. Table 2-8. EPA-450/3-83-008 (NTIS PB84-134600). U.S. Environmental Protection Agency. The emission factor applies specifically to polystyrene manufacture and is the sum of the midpoints of value ranges for the devolatilizer condenser vent and the styrene recovery unit condenser vent.
- 507 EPA. April 1982. In: Fugitive Emission Sources Of Organic Compounds - Additional Information On Emissions, Emission Reductions, And Costs. Table 2-35. EPA-450/3-82-010 (NTIS PB82-217126). September 1980. In: Problem-Oriented Report: Frequency Occurrence For Fittings In Synthetic Organic Chemical Plant Process Units. EPA-600/2-81-003 (NTIS PB81-141566). U.S. Environmental Protection Agency. Fugitive VOC emission factors are from spreadsheet analysis by John Stelling of Radian Corporation, Research Triangle Park, North Carolina. Emission estimates for equipment leaks of VOC (fugitive emissions) are presented in this listing as lb/yr. To have an emissions estimate generated automatically, a production rate of unity should be used for the SCCs involving fugitive emissions from organic chemical process units.
- 509 EPA. November 1983. In: EPA Guideline Series: Control Of Volatile Organic Compound Emissions From Manufacture Of High-Density Polyethylene, Polypropylene, and Polystyrene Resins. Table 2-8. EPA-450/3-83-008 (NTIS PB84-134600). U.S. Environmental Protection Agency. The emission factor applies specifically to polystyrene manufacture, extruder quench vent (Stream D).
- 510 EPA. November 1983. In: EPA Guideline Series: Control Of Volatile Organic Compound Emissions From Manufacture Of High-Density Polyethylene, Polypropylene, and Polystyrene Resins. Figure 2-3. EPA-450/3-83-008 (NTIS PB84-134600). U.S. Environmental Protection Agency. The emission factor applies specifically to polystyrene manufacture. Emissions are zero because they are instead vented with a subsequent process.
- 511 Based on engineering judgement, this value was transferred from that of the 3-stage process.
- 515 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 10: Selected Processes. Report 5. Table IV-2. EPA-450/3-80-028e (NTIS PB81-220592). U.S. Environmental Protection Agency. Emission factor based on data from three plants. Assumed that no emission control was applied.
- 516 Emission factor based on data in state files (State K).
- 517 Emission factor based on data in state files (State A).
- 518 VOC emission factor based on two values from state files (State D). VOC emissions are reported as total hydrocarbons and may overestimate VOCs.
- 525 Values given are for domestic and commercial boilers. NOx for industrial boilers is 140 lb/MM cu. ft. VOC for industrial boilers is 2.8 lb/MM cu. ft. CO for industrial boilers is 35 lb/MM cu. ft.



- 537 EPA. Section 4.12.2. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emissions are expected to be zero.
- 538 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is calculated using the following linear interpolation:  
 $-13.65 * (\% \text{ conversion efficiency}) + 1365$ . The formula can be used for conversion efficiencies between 93% and 100%.
- 539 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor applies to melt-spun nylon 66.
- 540 EPA. March 1982. In: Synthetic Fiber Production - Background Information For Proposed Standards. Page F-3. EPA-450/3-82-011a (NTIS PB83-153015). U.S. Environmental Protection Agency. Emission factor is transferred from polyamide manufacture (2-01-024-01).
- 541 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is based on emulsion crumb production.
- 542 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is median of range of values.
- 544 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Assumed that particulate emissions for this process are independent of prill density.
- 545 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is median of range of values. Assumed that particulate emissions for this process are independent of prill density.
- 546 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is reported as a maximum value. Assumed that particulate emissions for this process are independent of prill density.

- 526 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. The value of 3 listed is an average of the range of 1-5 lb/MM cu. ft.
- 527 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. The value of 0.26 listed is an average of the range of 0.10 - 0.47 lb/1000 gal.
- 528 Values given are for domestic/commercial furnaces using propane. SOx for industrial furnace using propane is 12.4 lb/1000 gal. VOC for industrial furnace using propane is 0.25 lb/1000 gal. CO industrial furnace using propane is 3.1 lb/1000 gal.
- 529 Numbers in AP-42 may be in units of lb SOx/ton of product rather than per ton coal or oil.
- 532 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. Page 1.7-2. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Specifically for front wall fired and horizontally opposed wall fired units.
- 533 SOx and NOx emissions are considered to be zero due to the type of chemical being stored.
- 534 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emissions are expected to be zero based on process description.
- 535 EPA. April 1982. In: Fugitive Emission Sources Of Organic Compounds - Additional Information On Emissions, Emission Reductions, And Costs. Table 2-35. EPA-450/3-82-010 (NTIS PB82-217126). September 1980. In: Problem-Oriented Report: Frequency Occurrence For Fittings In Synthetic Organic Chemical Plant Process Units. EPA-600/2-81-003 (NTIS PB81-141566). U.S. Environmental Protection Agency. Fugitive VOC emission factors are from spreadsheet analysis by John Stelling of Radian Corporation, Research Triangle Park, North Carolina. Emission estimates for equipment leaks of VOC (fugitive emissions) are presented in this listing as lb/yr. To have an emissions estimate generated automatically, a production rate of unity should be used for the SCCs involving fugitive emissions from organic chemical process units.
- 536 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Based on assumption that batch and continuous processes have similar uncontrolled emissions.

- 547 EPA. December 1984. In: Control Of Volatile Organic Compound Emissions From Air Oxidation Processes In Synthetic Organic Chemical Manufacturing Industry. Table C-1. EPA-450/3-84-015 (NTIS PB85-164275). U.S. Environmental Protection Agency. The selected value of the range was converted to the proper SCC units. All VOC emissions were by assumption attributed to the air heater.
- 548 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Particulate emissions from the recovery furnace are primarily lead oxide. Therefore, the emission factor for particulate is such that the reported lead emissions are 92.8% by weight, from the atomic weight fraction of lead in PbO.
- 549 Emission factor is transferred from similar process under fuel-fired equipment for mineral products, SCC 3-05-900.
- 551 EPA. December 1980. In: Organic Chemical Manufacturing, Volume 9: Selected Processes. Report 3. Tables IV-3 through IV-7. EPA-450/3-80-028d (NTIS PB81-220584). U.S. Environmental Protection Agency. The factor is an average for 10 model plants, assuming single compressor trains.
- 552 EPA. Appendix C.2. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.
- 553 Emission factor zero based on engineering judgement.
- 554 SOx emission factor based on the average of 10 test values from state files (State C).
- 555 NOx emission factor based on the mean of ten values from state files (State D).
- 556 EPA. June 1978. In: Air Pollution Control Technology For Electric Arc Furnaces In The Iron And Steel Foundry Industries. EPA-450/2-78-024 (NTIS PB283650/0). U.S. Environmental Protection Agency. SOx emission factor based on the mean of four values.
- 557 EPA. Appendix C.1. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.
- 559 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. No distinction was made between dual steam sintering and single stream sintering emission factors, therefore these were assumed to be the same.

- 560 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. The emission factor was given in units of pounds of particulate/tons of zinc produced. A 54% zinc concentration was assumed.
- 561 EPA. February 1977. In: Industrial Process Profiles For Environmental Use. Chapter 24: The Iron And Steel Industry. Page 110. EPA-600/2-77-023x (NTIS PB26622610). U.S. Environmental Protection Agency. The degassing process in the aluminum industry was assumed similar to the steel industry.
- 563 EPA. February 1977. In: Industrial Process Profiles For Environmental Use, Chapter 25: Primary Aluminum Industry. EPA-600/2-77-023Y (NTIS PB281491/1). October 1974. In: Background Information For Proposed Standards: Primary Aluminum Industry, Volume I. EPA-450/2-74-020a (NTIS PB 237612/7B,E). U.S. Environmental Protection Agency.
- 566 NOX emission factor is based on 88 values from State D.
- 567 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is based on assuming an average ink density of 12.5 lb/gal and solvent density of 6.2 lb/gal.
- 568 All the solvent used in this process is assumed to volatilize, using engineering judgement.
- 569 This compound is currently considered negligibly reactive and is not reportable as a VOC.
- 570 This emission factor is an hourly emission rate.
- 571 Calculated using solvent density at 25 C.
- 572 Emission factor is calculated using solvent density at 60 F, assuming that Stoddard petroleum solvent has properties similar to kerosene.
- 573 EPA. Section 4.2. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factors are based on assuming a coating density of 10 lb/gallon.
- 574 EPA. Section 4.2.2. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor for water-based paint is derived from factor for solvent-based paint, assuming a 78% control effected by switching from solvent-based paint to water-based paint.
- 575 Emission factor is calculated assuming the density of water-based paint is 10.4 lb/gal.

- 576 Emission factor is an average of two values reported by State A.
- 577 Based on the mean of 12 VOC emission factor values from state files (State A). This source category includes a variety of adhesive coating application processes which may not be comparable. It is an approximation which should be used only in the absence of specific emissions data.
- 578 Emission factor is the mean of four values reported by State D.
- 579 Emission factor is transferred assuming emissions from coating oven heaters are similar to those from industrial boilers.
- 580 VOC emission factors are estimated assuming that all the solvent used volatilizes during the process. Engineering judgement was used to assign an approximate percent to each part of the coating process, as follows: cleaning/pretreatment: NEG; coating storage: NEG (compared to other operations); coating mixing: 10%; equipment cleanup: 10%; coating operation(s): 80%. These are to be used only in the absence of better information. Emissions from coating operations were partitioned equally between prime and top coats where applicable.
- 581 EPA. May 1977. In: Control Of Volatile Organic Emissions From Existing Stationary Sources, Volume II: Surface Coating Of Cans, Coils, Papers, Fabrics, Automobiles, And Light-Duty Trucks. EPA-450/2-77-008 (NTIS PB 272445/8). U.S. Environmental Protection Agency. VOC emission factors are estimated assuming that all the solvent used volatilizes during the process.
- 582 VOC emission factors are estimated assuming that all the solvent used volatilizes during the process. Total emissions were partitioned based on general process descriptions and engineering judgement. These factors should be used only in the absence of better information.
- 583 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. Emission factor is the unweighted average of factors for several different solvent-borne coating processes.
- 584 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. VOC emission factors are estimated assuming that all solvent used in this process volatilizes. Emissions from three-piece can coating are partitioned between subprocesses in the following manner, based on the process description and emission factor ratios: coating mixing: 10%; equipment cleanup: 10%; exterior sheet base coating: 35%; lithography: 20%; side seam spray: 5%; interior spray: 20%. If actual subprocesses differ from those listed above, then the total emissions must be partitioned accordingly.

- 585 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina. VOC emission factors are estimated assuming that all solvent used in this process volatilizes. Emissions from two-piece can coating are partitioned between subprocesses in the following manner, based on the process description and emission factor ratios: coating mixing: 10%; equipment cleanup: 10%; exterior coating: 45%; over varnish: 10%; interior spray: 20%; end sealing compound: 5%. If actual subprocesses differ from those listed above, then the total emissions must be partitioned accordingly.
- 586 VOC emission factor was calculated using an average density of paint of 9 lb/gal and an average solvent percentage of 60 percent by weight (these estimates were provided by the industry). Based on technology transfer from other surface coating operations, it was assumed that all solvent is emitted during the process. The solvent loss was then divided out among the different coating processes using ratios from other surface coating operations.
- 587 This emission factor is transferred from lime kilns in the mineral products industry.
- 591 EPA. February 1984. Page 144. EPA 600/2-81-008 (NTIS PB84-160266). U.S. Environmental Protection Agency. Emission factor is transferred from sulfite pulping (3-07-002-13) based on information citing similarity between sulfite and NSSC pulping.
- 592 Personal communication with Bill Fuller, Oregon Department of Environmental Affairs. April 17, 1987.
- 594 EPA. In: Air Emissions Species Manual, Volume 1, Volatile Organic Compound Species Profiles. EPA-450/2-88-003a. U.S. Environmental Protection Agency.
- 595 SOx and NOx emission factors based on the average of eight emission tests from state files (State D).
- 596 EPA. In: Control of Volatile Organic Emissions from Manufacture of Vegetable Oils. EPA-450/2-78-035. U.S. Environmental Protection Agency. Average of emission factors for SCCs 3-02-019-06 through -09.
- 597 Emission factor is for daily emission rate.
- 598 EPA. Appendix C.2, Category 6. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.
- 599 EPA. Appendix C.2, Category 7. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.
- 601 EPA. In: Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fourth Edition, AP-42. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, North Carolina.

- 614 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No basis for technology transfer. Use AP-42, Appendix C.2, Category 4, 85% 10 microns.
- 615 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No basis for technology transfer. Assume PSD from bagging is same as bulk loading, SCC 3-01-027-09; 85% 10 microns.
- 616 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for lead chromate is same as lead oxide; 100% 10 microns.
- 617 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. From AP-42, Appendix C.2-2, Category 4, 85% 10 microns.
- 618 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume bulk loading is same as bagging, 3-01-040-06. Use AP-42, Appendix C.2, Category 4, 85% 10 microns.
- 619 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No basis for estimate. As default value, assume PSD of sludge pit fugitives are same as recovery furnace.
- 620 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. From AP-42, Appendix C.2, Category 6, 15% 10 microns.
- 621 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. From AP-42, Appendix C.2, Category 6, 15% 10 microns.
- 622 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. From AP-42, Appendix C.2, Category 6, 15% 10 microns.
- 623 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. From AP-42, Appendix C.2, Category 6, 15% 10 microns.
- 624 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume same PSD for general sources. AP-42, Appendix C.2, Category 6, 15% 10 microns.
- 625 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 6.
- 626 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 7, 61% 10 microns.

- 602 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from burning waste oil in a vaporizing burner is same as air atomizing burner. Use AP-42, Table 1.11-1. Calculate percentages from PM10, 6, 2.5 factors provided.
- 603 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from burning waste oil in a vaporizing burner is same as air atomizing burner. Use AP-42, Table 1.11-1. Calculate percentages from PM10, 6, 2.5 factors provided.
- 604 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No basis for technology transfer. As default value use AP-42, Appendix C.2, Category 2.
- 605 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No engineering judgement for PM emission factor. Assume PM emissions from plastics manufacturing generally occur during drying and post processing. Assume similar to detergent spray drying. AP-42, Table 5.15-2: 66.1% 10 microns.
- 606 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement for PM emission factor. Assume PM emissions from plastics manufacturing generally occur during drying and post processing. Assume similar to detergent spray drying. AP-42, Table 5.15-2: 66.1% 10 microns.
- 607 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 3.
- 608 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. SCC 3-01-018-02; 66.1% 10 microns.
- 609 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for polyester staple is same as nylon staple, SCC 3-01-018-02; 66.1% 10 microns.
- 611 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. This is controlled source.
- 612 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for uncontrolled nylon 66 is same as nylon 6, SCC 3-01-018-02; 66.1% 10 microns.
- 613 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. SCC 3-01-018-02; 66.1% 10 microns.



- 627 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 7, 61% 10 microns.
- 628 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement using AP-42, Table 6.4-6 (with cyclone) 30% 10 microns.
- 629 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement using AP-42, Table 6.4-6 (with cyclone) 30% 10 microns.
- 630 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement, 30% 10 microns.
- 631 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement, 30% 10 microns.
- 632 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume malt drying is same as grain drying; use AP-42, Appendix C.2, Category 7. 61% 10 microns.
- 633 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for coal unloading is same as for coal charging. Use AP-42, Section 7.2, Table 7.2-2, 48.9% 10 microns.
- 634 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No basis for technology transfer. As default value assume average from 80% FeMn, open EAF (86%) and background ferroalloy EAF from AP-42, Appendix C.2-2, Category 8 (94%)  $[(86\% + 94\%)/2] = 90\%$  10 microns.
- 635 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Section 7.5, Table 7.5-4. Calculate PSD from PM10, PM6, and PM2.5 emission factors, 50% 10 microns.
- 636 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Section 7.5, Table 7.5-4. Calculate PSD from PM10, PM6, and PM2.5 emission factors, 50% 10 microns.
- 637 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 3, 51% 10 microns.
- 638 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 3, 51% 10 microns.

- 639 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assumed from gas combustion, 100% 2.5 microns.
- 640 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. From AP-42, Table 7.3-8 28% 10 microns.
- 641 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement 9% 10 microns.
- 642 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assumed from gas combustion, 100% 10 microns.
- 643 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. From AP-42, Appendix C.2, Category 5, 45% 10 microns.
- 645 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement 70% 10 microns.
- 646 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement 99% 10 microns.
- 647 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement 93% 10 microns.
- 648 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Engineering judgement 100% 10 microns.
- 649 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 8, 92% microns.
- 650 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 8, 92% microns.
- 651 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD similar to gray iron foundry SCC 3-04-003-20. Assume PSD same as fugitives from secondary Zn processing; 100% 10 microns.
- 653 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 3; 51% 10 microns.
- 654 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 5; 53% 10 microns.

- 696 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from in-process liquid waste combustion is same as industrial boilers firing residual oil. Use AP-42, Table 1.3-3; 86% 10 microns.
- 697 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for solvent bottoms is same as firing residual oil in industrial boilers. Use AP-42, Table 1.3-5; 62% 10 microns.
- 698 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 2, 79% 10 microns.
- 699 NAPAP Emission Factor Summary Document.
- 700 These chemicals are solids at ambient temperatures and are stored in containers or tanks which could, theoretically, be classified as fixed roof tanks. VOC emissions would be negligible (if any) when storing these solids.
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- 725 ECOSERVE, Inc. Environmental Services. November 27, 1990. In: Pooled Air Toxics Source Test Program for Kraft Pulp Mills, Report Number 2. Report #1249A. Simpson Paper Company, Anderson, California.
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- 1054 Composite. Radian FIRE database 1993 Release.
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- 1141 Compliance and Toxics Testing of an Incinerator at a Ski Resort. (Confidential Report No. ERC-88)
- 1153 Hoeganaes Corporation. Electric arc furnace baghouse emissions tests conducted February 13 - 28, 1990. Riverton, New Jersey. (Confidential Report No. ERC-112)
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- 655 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use EPA-450/4-82-016, Appendix K: Unpaved Roads - Coal Mining Fugitive dust source, 12% 10 microns.
- 659 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use EPA-450/4-82-016, Appendix K, page K-14; 17% 10 microns.
- 660 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from truck loading is same as truck dumping. Use EPA-450/4-82-016, Appendix K-13; 15% 10 microns.
- 661 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use EPA-450/4-82-016, Appendix K: Unpaved Roads - Coal Mining Fugitive dust source, 12% 10 microns.
- 662 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from truck loading is same as truck dumping. Use EPA-450/4-82-016, Appendix K-13; 15% 10 microns.
- 663 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from truck loading is same as truck dumping. Use EPA-450/4-82-016, Appendix K-13; 15% 10 microns.
- 664 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from train loading of coal is same as shovel/truck loading. Use EPA-450/4-82-016, Appendix K-12; 21% 10 microns.
- 667 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for grading is same as agricultural tilling. Use EPA-450/4-82-016, Appendix K-15, 62% 10 microns.
- 668 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from vehicle traffic at coal mines same as vehicle traffic in iron production. Use AP-42, Table 7.5-4. (Calculate distributions from emission factors; e.g., PM10 microns =  $1.0/1.8 = 56\%$ .)
- 669 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for furnaces similar to melting furnace in glass manufacturing. AP-42 Table 8.13-2; 95% 10 microns.
- 670 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for furnaces similar to melting furnace in glass manufacturing. AP-42 Table 8.13-2; 95% 10 microns.

- 671 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for furnaces similar to melting furnace in glass manufacturing. AP-42 Table 8.13-2; 95% 10 microns.
- 672 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No basis for technology transfer. Assume 93% 10 microns.
- 673 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No basis for technology transfer. Assume 93% 10 microns.
- 674 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No basis for technology transfer.
- 675 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. No process description available.
- 676 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume similar to aggregate piles in asphaltic concrete, which uses Table 11.2.3-2 in AP-42; 35% 10 microns.
- 677 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 9. Text in AP-42, Section 8.17 states that product from Perlite furnaces is collected in cyclones, which would minimize number of large particles in PM discharged; 94% 10 microns.
- 679 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for hauling at stone quarries is same as at coal mines. Use EPA-450/4-82-016, Appendix K: Unpaved Roads - Coal Mining Fugitive Dust Source, 12% 10 microns.
- 680 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 4, 85% 10 microns.
- 681 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for sand/gravel hauling is same as coal mines. Use EPA-450/4-82-016, Appendix K: Unpaved Roads - Coal Mining Fugitive Dust Source, 12% 10 microns.
- 682 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume similar to aggregate piles in asphaltic concrete, which uses Table 11.2.3-2 in AP-42; 35% 10 microns.
- 683 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Appendix C.2, Category 5, 53% 10 microns.

- 684 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from in-process firing same as external combustion. Use AP-42, Table 1.2-3; 23% 10 microns.
- 685 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from in-processing of subbituminous coal same as bituminous coal in external combustion industrial boilers-dry bottom. Use AP-42, Table 1.1-3; 23% 10 microns.
- 686 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD for in-process firing of bituminous coal same as spreader stoker. Use AP-42, Table 1.1-6; 20% 10 microns.
- 687 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Use AP-42, Table 1.7-4; 20% 10 microns.
- 688 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from in-process residual oil fuel use same as industrial boilers firing residual oil. Use AP-42, Table 1.3-3; 86% 10 microns.
- 689 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from in-process distillate oil fuel use same as industrial boiler firing distillate oil. Use AP-42, Table 1.3-4; 50% 10 microns.
- 690 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. AP-42, Section 1,4 states that all PM from NG combustion is < 1 micron. 100% 10 microns.
- 691 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume refinery process gas is same as NG. AP-42, Section 1.4 notes that all PM from combustion is < 1 micron.
- 692 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume similar to residual oil, AP-42, Table 1.3-2; 70% 10 microns.
- 693 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from in-process wood fuel use is same as wood/bark-fired boilers. Use AP-42, Table 1.6-3; 90% 10 microns.
- 694 March 1992. In: PM10 Emission Factor Listing Developed by Technology Transfer and AIRS Source Classification Codes with Documentation, Draft. Assume PSD from combustion of LPG is same as NG. AP-42, Section 1.4 notes that all PM from combustion is < 1 micron.
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**FIRE Version 5.0**  
**Source Classification Codes**  
**and Emission Factors**  
**for Criteria Air Pollutants**  
**Appendix: SCCs Without**  
**Emission Factors**





## List of SCCs with No Emission Factors

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<b><u>1 EXTERNAL COMBUSTION BOILERS</u></b>		<b><u>2 INTERNAL COMBUSTION ENGINES</u></b>		<b><u>2-01-009 Kerosene/Naphtha (Jet Fuel)</u></b>	
<b><u>1-01 ELECTRIC GENERATION</u></b>		<b><u>2-01 ELECTRIC GENERATION</u></b>		20100905 Reciprocating: Crankcase Blowby	
<b><u>1-01-010 Liquefied Petroleum Gas (LPG)</u></b>		<b><u>2-01-001 Distillate Oil (Diesel)</u></b>		20100906 Reciprocating: Evaporative Losses (Fuel Delivery System)	
10101003	Butane/Propane Mixture: Specify Percent Butane in Comments	20100105	Reciprocating: Crankcase Blowby	20100907	Reciprocating: Exhaust
<b><u>1-01-015 Geothermal Power Plants</u></b>		20100106	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	20100908	Turbine: Evaporative Losses (Fuel Storage and Delivery System)
10101501	Geothermal Power Plant: Off-gas Ejectors	20100107	Reciprocating: Exhaust	20100909	Turbine: Exhaust
10101502	Geothermal Power Plant: Cooling Tower Exhaust	20100108	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	<b><u>2-01-010 Geysers/Geothermal</u></b>	
<b><u>1-02 INDUSTRIAL</u></b>		20100109	Turbine: Exhaust	20101001	Steam Turbine
<b><u>1-02-007 Process Gas</u></b>		<b><u>2-01-002 Natural Gas</u></b>		20101010	Well Drilling: Steam Emissions
10200704	Blast Furnace Gas	20100205	Reciprocating: Crankcase Blowby	20101020	Well Pad Fugitives: Blowdown
10200707	Coke Oven Gas	20100206	Reciprocating: Evaporative Losses (Fuel Delivery System)	20101030	Pipeline Fugitives: Blowdown
<b><u>1-02-010 Liquefied Petroleum Gas (LPG)</u></b>		20100207	Reciprocating: Exhaust	20101031	Pipeline Fugitives: Vents/Leaks
10201003	Butane/Propane Mixture: Specify Percent Butane in Comments	20100208	Turbine: Evaporative Losses (Fuel Delivery System)	<b><u>2-01-800 Equipment Leaks</u></b>	
<b><u>1-02-016 Methanol</u></b>		20100209	Turbine: Exhaust	20180001	Equipment Leaks
10201601	Industrial Boiler	<b><u>2-01-007 Process Gas</u></b>		<b><u>2-01-820 Wastewater, Aggregate</u></b>	
<b><u>1-02-017 Gasoline</u></b>		20100702	Reciprocating	20182001	Process Area Drains
10201701	Industrial Boiler	20100705	Reciprocating: Crankcase Blowby	20182002	Process Equipment Drains
<b><u>1-03 COMMERCIAL/INDUSTRIAL</u></b>		20100706	Reciprocating: Evaporative Losses (Fuel Delivery System)	<b><u>2-01-825 Wastewater, Points of Generation</u></b>	
<b><u>1-03-007 Process Gas</u></b>		20100707	Reciprocating: Exhaust	20182599	Specify Point of Generation
10300799	Other Not Classified	<b><u>2-01-008 Landfill Gas</u></b>		<b><u>2-01-900 Flares</u></b>	
<b><u>1-03-008 Landfill Gas</u></b>		20100801	Turbine	20190099	Heavy Water
10300811	Landfill Gas	20100802	Reciprocating	<b><u>2-02 INDUSTRIAL</u></b>	
<b><u>1-03-010 Liquefied Petroleum Gas (LPG)</u></b>		20100805	Reciprocating: Crankcase Blowby	<b><u>2-02-001 Distillate Oil (Diesel)</u></b>	
10301003	Butane/Propane Mixture: Specify Percent Butane in Comments	20100806	Reciprocating: Evaporative Losses (Fuel Delivery System)	20200105	Reciprocating: Crankcase Blowby
<b><u>1-03-013 Liquid Waste</u></b>		20100807	Reciprocating: Exhaust	20200106	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)
10301303	Sewage Grease Skimmings	20100808	Turbine: Evaporative Losses (Fuel Delivery System)	20200107	Reciprocating: Exhaust
		20100809	Turbine: Exhaust	20200108	Turbine: Evaporative Losses (Fuel Storage and Delivery System)
				20200109	Turbine: Exhaust

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>2-02-002 Natural Gas</u>		<u>2-02-009 Kerosene/Naphtha (Jet Fuel)</u>		<u>2-02-017 Gasoline</u>	
20200205	Reciprocating: Crankcase Blowby	20200905	Reciprocating: Crankcase Blowby	20201706	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)
20200206	Reciprocating: Evaporative Losses (Fuel Delivery System)	20200906	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	20201707	Reciprocating: Exhaust
20200207	Reciprocating: Exhaust	20200907	Reciprocating: Exhaust	20201708	Turbine: Evaporative Losses (Fuel Storage and Delivery System)
20200208	Turbine: Evaporative Losses (Fuel Delivery System)	20200908	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	20201709	Turbine: Exhaust
20200209	Turbine: Exhaust	20200909	Turbine: Exhaust	<u>2-02-800 Equipment Leaks</u>	
<u>2-02-003 Gasoline</u>		<u>2-02-010 Liquefied Petroleum Gas (LPG)</u>		20280001	Equipment Leaks
20200305	Reciprocating: Crankcase Blowby	20201005	Reciprocating: Crankcase Blowby	<u>2-02-820 Wastewater, Aggregate</u>	
20200306	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	20201006	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	20282001	Process Area Drains
20200307	Reciprocating: Exhaust	20201007	Reciprocating: Exhaust	20282002	Process Equipment Drains
<u>2-02-004 Large Bore Engine</u>		20201008	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	<u>2-02-825 Wastewater, Points of Generation</u>	
20200405	Crankcase Blowby	20201009	Turbine: Exhaust	20282599	Specify Point of Generation
20200406	Evaporative Losses (Fuel Storage and Delivery System)	20201011	Turbine	<b><u>2-03 COMMERCIAL/INSTITUTIONAL</u></b>	
20200407	Exhaust	20201012	Reciprocating Engine	<u>2-03-001 Distillate Oil (Diesel)</u>	
<u>2-02-005 Residual/Crude Oil</u>		20201013	Turbine: Cogeneration	20300105	Reciprocating: Crankcase Blowby
20200505	Reciprocating: Crankcase Blowby	20201014	Reciprocating Engine: Cogeneration	20300106	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)
20200506	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	<u>2-02-016 Methanol</u>		20300107	Reciprocating: Exhaust
20200507	Reciprocating: Exhaust	20201601	Turbine	20300108	Turbine: Evaporative Losses (Fuel Storage and Delivery System)
<u>2-02-007 Process Gas</u>		20201602	Reciprocating Engine	20300109	Turbine: Exhaust
20200701	Turbine	20201605	Reciprocating: Crankcase Blowby	<u>2-03-002 Natural Gas</u>	
20200702	Reciprocating Engine	20201606	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	20300203	Turbine: Cogeneration
20200705	Refinery Gas: Turbine	20201607	Reciprocating: Exhaust	20300204	Cogeneration
20200706	Refinery Gas: Reciprocating Engine	20201608	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	20300205	Reciprocating: Crankcase Blowby
20200710	Reciprocating: Crankcase Blowby	20201609	Turbine: Exhaust	20300206	Reciprocating: Evaporative Losses (Fuel Delivery System)
20200711	Reciprocating: Evaporative Losses (Fuel Delivery System)	<u>2-02-017 Gasoline</u>		20300207	Reciprocating: Exhaust
20200712	Reciprocating: Exhaust	20201701	Turbine	20300208	Turbine: Evaporative Losses (Fuel Delivery System)
20200713	Turbine: Evaporative Losses (Fuel Delivery System)	20201702	Reciprocating Engine	20300209	Turbine: Exhaust
20200714	Turbine: Exhaust	20201705	Reciprocating: Crankcase Blowby		

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>2-03-003 Gasoline</u>		<u>2-03-010 Liquefied Petroleum Gas (LPG)</u>		<u>2-04-004 Reciprocating Engine</u>	
20300305	Reciprocating: Crankcase Blowby	20301007	Reciprocating: Exhaust	20400499	Other Not Classified
20300306	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	<u>2-03-800 Equipment Leaks</u>		<u>2-04-800 Equipment Leaks</u>	
20300307	Reciprocating: Exhaust	20380001	Equipment Leaks	20480001	Equipment Leaks
<u>2-03-007 Digester Gas</u>		<u>2-03-820 Wastewater, Aggregate</u>		<u>2-04-820 Wastewater, Aggregate</u>	
20300701	Turbine	20382001	Process Area Drains	20482001	Process Area Drains
20300702	Reciprocating: POTW Digester Gas	20382002	Process Equipment Drains	20482002	Process Equipment Drains
20300705	Reciprocating: Crankcase Blowby	<u>2-03-825 Wastewater, Points of Generation</u>		<u>2-04-825 Wastewater, Points of Generation</u>	
20300706	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	20382599	Specify Point of Generation	20482501	Water Deluge Solid Propellant Engine Test Unit
20300707	Reciprocating: Exhaust	<u>2-04 ENGINE TESTING</u>		20482502	Water Deluge Liquid Propellant Engine Test Unit
20300708	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	<u>2-04-001 Aircraft Engine Testing</u>		20482599	Specify Point of Generation
20300709	Turbine: Exhaust	20400110	Jet A Fuel	<u>2-60 OFF-HIGHWAY 2-STROKE GASOLINE ENGINES</u>	
<u>2-03-008 Landfill Gas</u>		20400111	JP-5 Fuel	<u>2-60-003 Industrial Equipment</u>	
20300801	Turbine	20400112	JP-4 Fuel	26000320	Industrial Fork Lift: Gasoline Engine (2-stroke)
20300802	Reciprocating	20400199	Other Not Classified	<u>2-65 OFF-HIGHWAY 4-STROKE GASOLINE ENGINES</u>	
20300805	Reciprocating: Crankcase Blowby	<u>2-04-002 Rocket Engine Testing</u>		<u>2-65-003 Industrial Equipment</u>	
20300806	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	20400201	Rocket Motor: Solid Propellant	26500320	Industrial Fork Lift: Gasoline Engine (4-stroke)
20300807	Reciprocating: Exhaust	20400202	Liquid Propellant	<u>2-70 OFF-HIGHWAY DIESEL ENGINES</u>	
20300808	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	20400299	Other Not Classified	<u>2-70-003 Industrial Equipment</u>	
20300809	Turbine: Exhaust	<u>2-04-003 Turbine</u>		27000320	Industrial Fork Lift: Diesel
<u>2-03-009 Kerosene/Naphtha (Jet Fuel)</u>		20400303	Distillate Oil	<u>2-73 OFF-HIGHWAY LPG-FUELED ENGINES</u>	
20300901	Turbine: JP-4	20400304	Landfill Gas	<u>2-73-003 Industrial Equipment</u>	
20300908	Turbine: Evaporative Losses (Fuel Storage and Delivery System)	20400305	Kerosene/Naphtha	27300320	Industrial Fork Lift: Liquefied Petroleum Gas (LPG)
20300909	Turbine: Exhaust	20400399	Other Not Classified	<u>2-75 FIXED WING AIRCRAFT L &amp; TO EXHAUST</u>	
<u>2-03-010 Liquefied Petroleum Gas (LPG)</u>		<u>2-04-004 Reciprocating Engine</u>		<u>2-75-010 Military</u>	
20301005	Reciprocating: Crankcase Blowby	20400403	Distillate Oil	27501001	Piston Engine: Aviation Gas
20301006	Reciprocating: Evaporative Losses (Fuel Storage and Delivery System)	20400404	Process Gas	27501014	Jet Engine: JP-4
		20400405	Landfill Gas	27501015	Jet Engine: JP-5
		20400406	Kerosene/Naphtha (Jet Fuel)		
		20400407	Dual Fuel (Gas/Oil)		
		20400408	Residual Oil/Crude Oil		
		20400409	Liquefied Petroleum Gas (LPG)		

**SCC**      **SCC Description**  
2-75-020 Commercial  
 27502001 Piston Engine: Aviation Gas  
 27502011 Jet Engine: Jet A  
2-75-050 Civil  
 27505001 Piston Engine: Aviation Gas  
 27505011 Jet Engine: Jet A

**2-76 ROTARY WING AIRCRAFT L & TO EXHAUST**

2-76-010 Military  
 27601001 Piston Engine: Aviation Gas  
 27601014 Jet Engine: JP-4  
 27601015 Jet Engine: JP-5

2-76-020 Commercial  
 27602001 Piston Engine: Aviation Gas  
 27602011 Jet Engine: Jet A

2-76-050 Civil  
 27605001 Piston Engine: Aviation Gas  
 27605011 Jet Engine: Jet A

**2-80 DIESEL MARINE VESSELS**

2-80-002 Commercial  
 28000211 Crew Boats: Main Engine Exhaust: Idling  
 28000212 Crew Boats: Main Engine Exhaust: Maneuvering  
 28000213 Crew Boats: Auxiliary Generator Exhaust: Hotelling  
 28000216 Supply Boats: Main Engine Exhaust: Idling  
 28000217 Supply Boats: Main Engine Exhaust: Maneuvering  
 28000218 Supply Boats: Auxiliary Generator Exhaust:  
 Hotelling

**2-88 FUGITIVE EMISSIONS**

2-88-888 Other Not Classified  
 28888801 Specify in Comments  
 28888802 Specify in Comments  
 28888803 Specify in Comments

**SCC**      **SCC Description**  
**3 INDUSTRIAL PROCESSES**  
**3-01 CHEMICAL MANUFACTURING**

3-01-001 Adipic Acid  
 30100110 Loading And Storage  
 30100199 Other Not Classified  
3-01-003 Ammonia Production  
 30100310 Storage and Loading Tanks  
 30100399 Other Not Classified  
3-01-005 Carbon Black Production  
 30100501 Channel Process  
 30100599 Other Not Classified  
3-01-006 Charcoal Manufacturing  
 30100606 Raw Material Handling  
 30100607 Crushing  
 30100608 Handling and Storage  
 30100699 Other Not Classified  
3-01-007 Chlorine  
 30100701 Carbon Reactivation  
 30100702 Carbon Reactivation/Impregnation Kitn  
 30100704 Carbon Reactivation/Heating Ovens  
 30100705 Carbon Reactivation/Fugitives  
 30100706 Carbon Reactivation/AAfterburner  
 30100707 Carbon Reactivation/Multiple Hearth Furnace  
 30100708 Carbon Reactivation/Indirect Furnace  
 30100709 Carbon Reactivation/Product Handling (Mesh, Prss)  
 30100799 Other Not Classified \*\*

3-01-008 Chloro-alkali Production

30100899 Other Not Classified  
3-01-009 Cleaning Chemicals  
 30100902 Specialty Cleaners  
 30100905 Alkaline Saponification  
 30100906 Direct Saponification

**SCC**      **SCC Description**  
3-01-009 Cleaning Chemicals  
 30100907 Blending And Mixing  
 30100908 Soap Packaging  
 30100909 Detergent Slurry Preparation  
 30100999 Other Not Classified  
3-01-010 Explosives (Trinitrotoluene)  
 30101005 Nitric/Sulfuric Acid Mixing  
 30101010 Process Vents: Batch Process  
 30101025 Batch Process: Spent Acid Recovery: Denitrating  
 Tower  
 30101026 Batch Process: Spent Acid Recovery: Sulfuric Acid  
 Regenerator  
 30101027 Batch Process: Spent Acid Recovery: Bleacher  
 30101028 Batch Process: Spent Acid Recovery: Reflux  
 Columns  
 30101033 Batch Process: Nitric Acid Concentration:  
 Distillation Tower  
 30101034 Batch Process: Nitric Acid Concentration: Bleacher  
 30101035 Batch Process: Nitric Acid Concentration:  
 Condenser  
 30101036 Batch Process: Nitric Acid Concentration: Absorber  
 Column  
 30101037 Batch Process: Nitric Acid Concentration:  
 Dehydrating Unit  
 30101040 Batch Process: Purification  
 30101045 Batch Process: Finishing: Melt Tank  
 30101046 Batch Process: Finishing: Dryers  
 30101047 Batch Process: Finishing: Flaker Drum  
 30101050 Process Vents: Continuous Process  
 30101051 Continuous Process: Nitration Reactor Fume  
 Recovery  
 30101052 Continuous Process: Spent Acid Recovery  
 30101053 Continuous Process: Red Water Incineration  
 30101054 Continuous Process: Nitric Acid Concentrators  
 30101055 Continuous Process: Sulfuric Acid Concentrators

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>3-01-010 Explosives (Trinitrotoluene)</u>		<u>3-01-014 Paint Manufacture</u>		<u>3-01-015 Varnish Manufacturing</u>	
30101061	Continuous Process: Spent Acid Recovery: Denitrating Tower	30101403	Solvent Loss: General	30101510	Oil Storage
30101062	Continuous Process: Spent Acid Recovery: Sulfuric Acid Regenerator	30101404	Raw Material Storage	30101515	Kettle Loading
30101063	Continuous Process: Spent Acid Recovery: Bleacher	30101415	Premix/Preassembly	30101520	Varnish Cooking
30101064	Continuous Process: Spent Acid Recovery: Reflux Columns	30101416	Premix/Preassembly: Mix Tanks and Agitators	30101521	Varnish Cooking: Open Kettle
30101073	Continuous Process: Nitric Acid Concentration: Distillation Tower	30101417	Premix/Preassembly: Drums	30101522	Varnish Cooking: Closed Kettle
30101074	Continuous Process: Nitric Acid Concentration: Bleacher	30101418	Premix/Preassembly: Material Loading	30101530	Varnish Thinning
30101075	Continuous Process: Nitric Acid Concentration: Condenser	30101430	Pigment Grinding/Milling	30101540	Clarification
30101076	Continuous Process: Nitric Acid Concentration: Absorber Column	30101431	Pigment Grinding/Milling: Roller Mills	30101541	Clarification: Strainer
30101077	Continuous Process: Nitric Acid Concentration: Dehydrating Unit	30101432	Pigment Grinding/Milling: Ball and Pebble Mills	30101542	Clarification: Centrifuge
30101080	Continuous Process: Purification	30101433	Pigment Grinding/Milling: Attritors	30101543	Clarification: Filter Press
30101085	Continuous Process: Finishing: Melt Tank	30101434	Pigment Grinding/Milling: Sand Mills	30101550	End Product Transfer
30101086	Continuous Process: Finishing: Dryers	30101435	Pigment Grinding/Milling: Bead Mills	30101560	End Product Storage
30101087	Continuous Process: Finishing: Flaker Drum	30101436	Pigment Grinding/Milling: Shot Mills	30101599	Other Not Classified
30101099	Other Not Classified	30101437	Pigment Grinding/Milling: Stone Mills	<u>3-01-016 Phosphoric Acid: Wet Process</u>	
<u>3-01-011 Hydrochloric Acid</u>		30101438	Pigment Grinding/Milling: Colloid Mills	30101699	Other Not Classified
30101198	Handling and Storage (99.9% Removal)	30101439	Pigment Grinding/Milling: Kady Mills	<u>3-01-017 Phosphoric Acid: Thermal Process</u>	
30101199	Other Not Classified	30101440	Pigment Grinding/Milling: Impingement Mills	30101799	Other Not Classified
<u>3-01-012 Hydrofluoric Acid</u>		30101441	Pigment Grinding/Milling: Horizontal Media Mills	<u>3-01-018 Plastics Production</u>	
30101207	Fluorspar Drying Kiln: Fuel Combustion	30101450	Product Finishing	30101803	Ethylene-Propylene Copolymers
30101208	Rotary Kiln: Fuel Combustion	30101451	Product Finishing, Tinting: Mix Tank and Disperser	30101805	Phenolic Resins
30101299	Other Not Classified	30101452	Product Finishing, Tinting: Fixed Blend Tank	30101822	Acrylic Resins
<u>3-01-013 Nitric Acid</u>		30101453	Product Finishing, Thinning: Mix Tank and Disperser	30101837	Polyester Resins
30101399	Other Not Classified	30101454	Product Finishing, Thinning: Fixed Blend Tank	30101852	Polyfluorocarbons
		30101460	Product Filling	30101860	Recovery System (Polyethylene)
		30101461	Product Filling: Scale System	30101861	Purification System (Polyethylene)
		30101462	Product Filling: Product Filtering	30101872	Miscellaneous (Polyether Resins)
		30101463	Product Filling: Filling Operations	30101885	Other Not Classified (Polyurethane)
		30101470	Equipment Cleaning	30101890	Catalyst Preparation
		30101471	Equipment Cleaning: Hand Wipe	30101891	Reactor Vents
		30101472	Equipment Cleaning: Tanks, Vessels, etc.		
		30101498	Other Not Classified		
		30101499	Other Not Classified		



SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>3-01-019 Phthalic Anhydride</u>		<u>3-01-021 Sodium Carbonate</u>		<u>3-01-024 Synthetic Organic Fiber Manufacturing</u>	
30101908	Dryer	30102110	Trona Calcining **	30102432	Curing Oven: Carbonization
30101909	Flaking and Bagging	30102111	Trona Dryer **	30102434	Fiber Laminate Process
<u>3-01-020 Printing Ink Manufacture</u>		30102120	Brine Evaporation	30102435	Fiber Handling and Storage
30102015	Premix/Preassembly	30102199	Other Not Classified	<u>3-01-025 Cellulosic Fiber Production</u>	
30102017	Premix/Preassembly: Drums	<u>3-01-022 Sulfuric Acid (Chamber Process)</u>		30102506	Cellulose Acetate and Triacetitic, Filament Yarn
30102018	Premix/Preassembly: Material Loading	30102201	General	30102599	Other Not Classified
30102030	Pigment Grinding/Milling	<u>3-01-023 Sulfuric Acid (Contact Process)</u>		<u>3-01-026 Synthetic Rubber (Manufacturing Only)</u>	
30102031	Pigment Grinding/Milling: Roller Mills	30102323	Sulfur Melting and Filtering	30102602	Butyl (Isobutylene)
30102032	Pigment Grinding/Milling: Ball and Pebble Mills	30102324	Oleum Tower	30102608	Acrylonitrile
30102033	Pigment Grinding/Milling: Attritors	30102325	Gas Cleaning and Cooling	30102610	Blowdown Tank
30102034	Pigment Grinding/Milling: Sand Mills	30102330	Combustion Chamber	30102611	Steam Stripper
30102035	Pigment Grinding/Milling: Bead Mills	30102331	Drying Tower	30102612	Pre-storage Tank
30102036	Pigment Grinding/Milling: Shot Mills	30102332	Convertor	30102615	Isoprene
30102037	Pigment Grinding/Milling: Stone Mills	30102399	Other Not Classified	30102618	Uninhibited Monomer Storage
30102038	Pigment Grinding/Milling: Colloid Mills	<u>3-01-024 Synthetic Organic Fiber Manufacturing</u>		30102619	Inhibited Monomer Storage
30102039	Pigment Grinding/Milling: Kady Mills	30102403	Polyester: Yarn	30102620	Monomer Inhibitor Removal
30102040	Pigment Grinding/Milling: Impingement Mills	30102404	Nylon #6: Yarn	30102621	Emulsion Crumb Process: Polymerization
30102041	Pigment Grinding/Milling: Horizontal Media Mills	30102405	Polyfluorocarbons (e.g., Teflon)	30102622	Emulsion Crumb Process: Monomer Recovery: Uncontrolled
30102050	Product Finishing	30102406	Nylon#66: Controlled	30102623	Emulsion Crumb Process: Styrene Recovery
30102051	Product Finishing, Tinting: Mix Tank and Disperser	30102407	Nylon #66: Uncontrolled	30102624	Emulsion Crumb Process: Crumb Screens
30102052	Product Finishing, Tinting: Fixed Blend Tank	30102408	Acrylic: Copolymer (Inorganic)	30102625	Chloroprene
30102053	Product Finishing, Thinning: Mix Tank and Disperser	30102409	Acrylic: Controlled	30102626	Emulsion Crumb Process: Crumb Bailing and Weighing
30102054	Product Finishing, Thinning: Fixed Blend Tank	30102411	Modacrylic: Dry Spun	30102627	Emulsion Crumb Process: Crumb Storage
30102060	Product Filling	30102412	Acrylic and Modacrylic: Wet Spun	30102628	Emulsion Crumb Process: Rotary Press
30102061	Product Filling: Scale System	30102413	Acrylic: Homopolymer (Inorganic): Wet Spun	30102630	Silicone Rubber
30102062	Product Filling: Product Filtering	30102415	Vinyls (e.g., Saran)	30102641	Emulsion Latex Process: Polymerization
30102063	Product Filling: Filling Operations	30102417	Spandex: Dry Spun ** (Use 6-49-300-XX)	30102642	Emulsion Latex Process: Styrene Condenser
30102070	Equipment Cleaning	30102418	Spandex: Reaction Spun ** (Use 6-49-310-XX)	30102643	Emulsion Latex Process: Latex Screen Filters
30102071	Equipment Cleaning: Hand Wipe	30102419	Vinyon: Dry Spun	30102644	Emulsion Latex Process: Latex Packaging
30102072	Equipment Cleaning: Tanks, Vessels, etc.	30102428	Leaching	30102645	Emulsion Latex Process: Latex Loading
30102099	Other Not Classified	30102429	Mixing	30102646	Emulsion Latex Process: Latex Product Storage
		30102431	Heat Treating Furnace: Carbonization		

<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
<u>3-01-026 Synthetic Rubber (Manufacturing Only)</u>		<u>3-01-033 Pesticides</u>		<u>3-01-041 Nitrocellulose</u>	
30102650	Fugitive Emissions: Monomer Unloading	30103311	General	30104104	Nitric Acid Concentrators
30102651	Fugitive Emissions: Soap Solution Storage	30103312	General	30104105	Nitric/Sulfuric Acid Mixing
30102652	Fugitive Emissions: Activated Catalyst Storage	30103399	Other Not Classified	30104106	Batch Process: Purification Beaters
30102653	Fugitive Emissions: Modifier Storage	<u>3-01-034 Aniline/Ethanolamines</u>		30104107	Batch Process: Purification Poacher
30102654	Fugitive Emissions: Stabilizer Storage	30103403	Reactor Cycle Purge Vent	30104108	Batch Process: Purification Blender
30102655	Fugitive Emissions: Antioxidant Storage	30103404	Dehydration Column Vent	30104109	Batch Process: Purification Wringer
30102656	Fugitive Emissions: Carbon Black Storage	30103405	Purification Column Vent	30104110	Raw Cellulose Purification
30102699	Other Not Classified	30103406	Fugitive Emissions	30104120	Batch Process: Spent Acid Recovery
<u>3-01-027 Ammonium Nitrate Production</u>		30103410	General: Ethanolamines	30104121	Batch Process: Spent Acid Recovery: Denitrating Tower
30102701	Prilling Tower: Neutralizer **	30103411	Ammonia Scrubber Vent	30104122	Batch Process: Spent Acid Recovery: Sulfuric Acid Regenerator
<u>3-01-028 Normal Superphosphates</u>		30103412	Vacuum Distillation: Jet Vent	30104123	Batch Process: Spent Acid Recovery: Bleacher
30102820	Mixing	30103414	Fugitive Emissions	30104124	Batch Process: Spent Acid Recovery: Reflux Columns
30102826	Pulverizer: Granular Phosphate	30103415	Ethylenediamine	30104130	Batch Process: Nitric Acid Concentration
<u>3-01-029 Triple Superphosphate</u>		30103420	Hexamethylenediamine	30104131	Batch Process: Nitric Acid Concentration: Distillation Tower
30102909	Mechanical Cutting	30103425	Hexamethylenetetramine	30104132	Batch Process: Nitric Acid Concentration: Bleacher
30102910	Crushing and Screening	30103430	Melamine	30104133	Batch Process: Nitric Acid Concentration: Condenser
<u>3-01-030 Ammonium Phosphates</u>		30103435	Methylamines	30104134	Batch Process: Nitric Acid Concentration: Absorber Column
30103099	Other Not Classified	30103499	Other Not Classified	30104135	Batch Process: Nitric Acid Concentration: Dehydrating Unit
<u>3-01-031 Terephthalic Acid/Dimethyl Terephthalate</u>		<u>3-01-035 Inorganic Pigments</u>		30104150	Continuous Process: Nitration Reactors
30103106	Gas/Liquid Separator	30103553	Pigment Dryer	30104151	Continuous Process: Sulfuric Acid Concentrators
30103107	High Pressure Absorber	30103599	Other Not Classified	30104152	Continuous Process: Purification Boiling Tubs
30103108	Solid/Liquid Separator	<u>3-01-038 Sodium Bicarbonate</u>		30104153	Continuous Process: Nitric Acid Concentrators
30103109	Residue Still	30103801	General	30104154	Continuous Process: Purification Beaters
30103110	C-TPA Purification	<u>3-01-040 Urea Production</u>		30104155	Continuous Process: Purification Poacher
30103199	Other Not Classified	30104001	General: Specify in Comments	30104156	Continuous Process: Purification Blender
<u>3-01-032 Elemental Sulfur Production</u>		30104013	Solids Screening	30104157	Continuous Process: Purification Wringer
30103205	Sulfur Storage	30104014	Pan Granulation	30104160	Continuous Process: Spent Acid Recovery
30103299	Other Not Classified	30104020	Solution Synthesis		
		<u>3-01-041 Nitrocellulose</u>			
		30104101	Nitration Reactor		
		30104102	Sulfuric Acid Concentrators		
		30104103	Boiling Tubs		

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>3-01-041 Nitrocellulose</u>		<u>3-01-051 Animal Adhesives</u>		<u>3-01-070 Inorganic Chemical Manufacturing (General)</u>	
30104161	Continuous Process: Spent Acid Recovery: Denitrating Tower	30105130	End Product Finishing	30107002	Storage/Transfer
30104162	Continuous Process: Spent Acid Recovery: Sulfuric Acid Regenerator	<u>3-01-052 Casein</u>		<u>3-01-071 Hydrogen</u>	
30104163	Continuous Process: Spent Acid Recovery: Bleacher	30105201	Casein Manufacture	30107101	Reformers
30104164	Continuous Process: Spent Acid Recovery: Reflux Columns	30105205	Precipitation	30107102	CO Converter
30104170	Continuous Process: Nitric Acid Concentration	30105210	Draining	30107103	Hydrogen Storage
30104171	Continuous Process: Nitric Acid Concentration: Distillation Tower	30105211	Draining: Batch Method	<u>3-01-091 Acetone/Ketone Production</u>	
30104172	Continuous Process: Nitric Acid Concentration: Bleacher	30105212	Draining: Continuous Method	30109101	Acetone: General
30104173	Continuous Process: Nitric Acid Concentration: Condenser	30105215	Washing	30109110	Methyl Isobutyl Ketone
30104174	Continuous Process: Nitric Acid Concentration: Absorber Column	30105220	Dewatering	30109152	Acetone: CHP Concentrator
30104175	Continuous Process: Nitric Acid Concentration: Dehydrating Unit	30105221	Dewatering: Continuous Power Press	30109199	Ketone: Other Not Classified
30104199	Other Not Classified	30105222	Dewatering: Hand Press	<u>3-01-100 Maleic Anhydride</u>	
<u>3-01-050 Adhesives</u>		30105230	Grinding Curd	30110099	Other Not Classified
30105001	General/Compound Unknown **	30105235	Drying	<u>3-01-111 Asbestos Chemical</u>	
<u>3-01-051 Animal Adhesives</u>		30105240	Grinding, Packaging, and Storing	30111199	Not Classified **
30105101	Animal Adhesives	<u>3-01-060 Pharmaceutical Preparations</u>		<u>3-01-112 Elemental Phosphorous</u>	
30105105	Raw Materials Grinding	30106001	Vacuum Dryers	30111299	Other Not Classified
30105108	Degreasing	30106002	Reactors	<u>3-01-115 Aluminum Sulfate Manufacturing</u>	
30105110	Lining/Plumping	30106003	Distillation Units	30111501	Bauxite Unloading
30105112	Washing	30106004	Filters	30111502	Hammer Mill
30105114	Cooking	30106005	Extractors	30111503	Bauxite Storage
30105116	Hot Water Extractions	30106006	Centrifuges	30111504	Elevator
30105118	Filtering/Centrifuging	30106007	Crystallizers	30111505	Conveyor
30105120	Evaporation	30106008	Exhaust Systems	30111506	Cooker
30105122	Chilling	30106009	Air Dryers	30111507	Alums Storage
30105124	Drying	30106010	Storage/Transfer	30111508	H2SO4 Process Tank
		30106011	Coating Process	30111509	Alums Loading
		30106012	Granulation Process	<u>3-01-120 Formaldehyde, Acrolein, Acetaldehyde, Butyraldehyde</u>	
		30106013	Fermentation Tanks	30112005	Formaldehyde: Absorber Vent
		30106021	Raw Material Unloading	30112006	Formaldehyde: Fractionator Vent
		30106022	Miscellaneous Fugitives	30112021	Butyraldehyde: General
		30106023	Miscellaneous Fugitives	30112037	Acrolein: Fugitive Emissions
		30106099	Other Not Classified		

<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
	<u>3-01-120 Formaldehyde, Acrolein, Acetaldehyde, Butyraldehyde</u>		<u>3-01-132 Organic Acid Manufacturing</u>		<u>3-01-176 Glycerin (Glycerol)</u>
30112099	Acrolein: Other Not Classified	30113227	Fugitive Emissions	30117630	Oxidation Process: General
	<u>3-01-121 Organic Dyes/Pigments</u>	30113299	Other Not Classified	30117680	Fugitive Emissions
30112199	Other Not Classified		<u>3-01-133 Acetic Anhydride</u>		<u>3-01-181 Toluene Diisocyanate</u>
	<u>3-01-124 Chloroprene</u>	30113380	Fugitive Emissions	30118180	Fugitive Emissions
30112480	Fugitive Emissions		<u>3-01-137 Esters Production</u>		<u>3-01-190 Methyl Methacrylate</u>
	<u>3-01-125 Chlorine Derivatives</u>	30113701	Ethyl Acrylate	30119001	General
30112504	Ethylene Dichloride: Caustic Scrubber	30113710	Butyl Acrylate		<u>3-01-195 Nitrobenzene</u>
30112505	Ethylene Dichloride: Reactor Vessel	30113799	Acrylates: Specify in Comments	30119501	General
30112506	Ethylene Dichloride: Distillation Unit		<u>3-01-140 Acetylene Production</u>	30119506	Waste Acid Storage
30112515	Ethyl Chloride: General	30114005	General		<u>3-01-197 Butylene, Ethylene, Propylene, Olefin Production</u>
30112522	Perchloroethylene: Caustic Scrubber		<u>3-01-152 Bisphenol A</u>	30119706	Propylene: Reactor
30112527	Trichloroethane: Drying Column Vent	30115201	General	30119707	Propylene: Drying Tower
30112531	Trichloroethylene: Distillation Unit		<u>3-01-153 Butadiene</u>	30119708	Propylene: Light-ends Stripper
30112532	Trichloroethylene: Neutralizer	30115301	General	30119709	Propylene: Fugitive Emissions
30112533	Trichloroethylene: Product Drying Column	30115380	Fugitive Emissions	30119710	Butylene: General
30112535	Chlorobenzenes: General		<u>3-01-157 Cyclohexane</u>	30119741	Ethylene: Flue Gas Vent
30112546	Vinyl Chloride: Product Recovery Still	30115701	General	30119744	Ethylene: Catalyst Regeneration
30112547	Vinyl Chloride: Cracking Furnace Decoking		<u>3-01-167 Vinyl Acetate</u>	30119799	Other Not Classified
30112551	Vinylidene Chloride: General	30116799	Other Not Classified		<u>3-01-205 Propylene Oxide</u>
30112599	Other Not Classified		<u>3-01-169 Ethyl Benzene</u>	30120501	General
	<u>3-01-126 Brominated Organics</u>	30116901	General	30120502	Chlorohydration Process: General
30112699	Bromine Organics	30116902	Alkylation Reactor Vent	30120520	Isobutane Hydroperoxide Process: General
	<u>3-01-127 Fluorocarbons/Chlorofluorocarbons</u>	30116903	Benzene Drying	30120540	Ethylbenzene Hydroperoxide Process: General
30112780	Fugitive Emissions	30116904	Benzene Recovery/Recycle	30120580	Fugitive Emissions
	<u>3-01-130 Ammonium Sulfate (Use 3-01-210 for Caprolactum Production)</u>	30116905	Ethylbenzene Recovery		<u>3-01-206 Styrene</u>
30113001	Caprolactum By-product Plants	30116906	Polyethylbenzene Recovery	30120602	Benzene Recycle
30113003	Process Vents		<u>3-01-174 Ethylene Oxide</u>	30120603	Styrene Purification
30113006	Caprolactum By-product: Crystallizer (Evaporator)	30117401	General		
30113007	Caprolactum By-product: Screening				

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>3-01-210 Caprolactum (Use 3-01-130 for Ammonium Sulfate By-product Production)</u>		<u>3-01-258 Benzene/Toluene/Aromatics/Xylenes</u>		<u>3-01-401 Nitroglycerin Production</u>	
30121003	Dehydrogenation Reactor Vent	30125810	p-Xylene: General	30140121	Continuous Process: Spent Acid Recovery: Denitrating Column
30121004	Oleum Reactor	30125815	Xylenes: General	30140122	Continuous Process: Spent Acid Recovery: Sulfuric Acid Regenerator
30121080	Fugitive Emissions	30125816	Xylenes: Reactor	30140123	Continuous Process: Spent Acid Recovery: Sulfuric Acid Concentrator
<u>3-01-211 Linear Alkylbenzene</u>		30125817	Xylenes: Distillation Unit	30140124	Continuous Process: Spent Acid Recovery: Bleacher
30121101	Olefin Process: General	30125899	Other Not Classified	30140125	Continuous Process: Spent Acid Recovery: Reflux Columns
30121102	Benzene Drying	<u>3-01-301 Chlorobenzene</u>		30140130	Continuous Process: Nitric Acid Concentration
30121121	Chlorination Process: General	30130102	Benzene Drying: Distillation	30140131	Continuous Process: Nitric Acid Concentration: Distillation Tower
30121180	Fugitive Emissions	30130110	Catalyst Incineration	30140132	Continuous Process: Nitric Acid Concentration: Bleacher
<u>3-01-250 Methanol/Alcohol Production</u>		<u>3-01-302 Carbon Tetrachloride</u>		30140133	Continuous Process: Nitric Acid Concentration: Condenser
30125001	Methanol: General	30130201	General	30140134	Continuous Process: Nitric Acid Concentration: Absorber Column
30125005	Ethanol via Ethylene	30130280	Fugitive Emissions	30140135	Continuous Process: Nitric Acid Concentration: Dehydrating Unit
30125015	Isopropanol	<u>3-01-303 Allyl Chloride</u>		30140136	Continuous Process: Nitric Acid Conc.: Nitric Acid Concentrators
30125025	Fatty Alcohols by Hydrogenation	30130301	Chlorination Process: General	30140150	Waste Disposal: Neutralization and Wash
30125099	Other Not Classified	30130380	Fugitive Emissions	30140151	Waste Disposal: Separation
<u>3-01-251 Ethylene Glycol</u>		<u>3-01-304 Allyl Alcohol</u>		30140199	Other Not Classified
30125102	Evaporator Purge Vent	30130401	General	<u>3-01-402 Explosives Manufacture - Pentaerythritol Tetranitrate (PETN)</u>	
30125103	Water Removal Steam: Jet Ejector	30130480	Fugitive Emissions	30140210	Process Vents: Batch Process
30125104	Distillation Column Vent	<u>3-01-305 Epichlorohydrin</u>		30140211	Batch Process: Nitration Reactors and Washers
<u>3-01-253 Glycol Ethers</u>		30130501	General	30140214	Batch Process: Stabilization
30125301	General	30130502	Epoxidation Reactor	30140217	Batch Process: Acetone Distillation and Recovery
<u>3-01-254 Nitriles. Acrylonitrile. Adiponitrile Production</u>		30130503	Azetrope Column	30140220	Batch Process: Spent Acid Recovery
30125413	Product Recovery Vent	30130504	Light-ends Stripper	30140221	Batch Process: Spent Acid Recovery: Denitrating Tower
30125420	Fugitive Emissions	30130505	Finishing Column		
30125499	Other Not Classified	30130580	Fugitive Emissions		
<u>3-01-258 Benzene/Toluene/Aromatics/Xylenes</u>		<u>3-01-401 Nitroglycerin Production</u>			
30125801	Benzene: General	30140101	Continuous Nitrator		
30125802	Benzene: Reactor	30140102	Product Purification/Neutralization		
30125803	Benzene: Distillation Unit	30140103	Nitric Acid Recovery (Use more specific codes 3-01-410-10 thru -25)		
30125805	Toluene: General	30140105	Nitric/Sulfuric Acid Mixing		
30125806	Toluene: Reactor	30140110	Continuous Process: Separation		
30125807	Toluene: Distillation Unit	30140120	Continuous Process: Spent Acid Recovery		

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>3-01-402 Explosives Manufacture - Pentaerythritol Tetranitrate (PETN)</u>		<u>3-01-402 Explosives Manufacture - Pentaerythritol Tetranitrate (PETN)</u>		<u>3-01-800 General Processes</u>	
30140222	Batch Process: Spent Acid Recovery: Sulfuric Acid Regenerator		Column	30180001	Fugitive Leaks
30140223	Batch Process: Spent Acid Recovery: Sulfuric Acid Concentrator	30140270	Continuous Process: Nitric Acid Concentration	30180002	Pipeline Valves: Gas Stream
30140224	Batch Process: Spent Acid Recovery: Bleacher	30140271	Continuous Process: Nitric Acid Concentration: Distillation Column	30180003	Pipeline Valves: Light Liquid/Gas Stream
30140225	Batch Process: Spent Acid Recovery: Reflux Column	30140272	Continuous Process: Nitric Acid Concentration: Bleacher	30180004	Pipeline Valves: Heavy Liquid Stream
30140230	Batch Process: Nitric Acid Concentration	30140273	Continuous Process: Nitric Acid Concentration: Condenser	30180005	Pipeline Valves: Hydrogen Stream
30140231	Batch Process: Nitric Acid Concentration: Distillation Column	30140274	Continuous Process: Nitric Acid Concentration: Absorber Column	30180006	Open-ended Valves: All Streams
30140232	Batch Process: Nitric Acid Concentration: Bleacher	30140275	Continuous Process: Nitric Acid Concentration: Dehydrating Unit	30180007	Flanges: All Streams
30140233	Batch Process: Nitric Acid Concentration: Condenser	30140276	Continuous Process: Nitric Acid Conc.: Nitric Acid Concentrators	30180008	Pump Seals: Light Liquid/Gas Stream
30140234	Batch Process: Nitric Acid Concentration: Absorber Column	30140299	Other Not Classified	30180009	Pump Seals: Heavy Liquid Stream
30140235	Batch Process: Nitric Acid Concentration: Dehydrating Unit	<u>3-01-403 Explosives Manufacture - RDX/HMX Production</u>		30180010	Compressor Seals: Gas Stream
30140236	Batch Process: Nitric Acid Concentration: Nitric Acid Concentrators	30140306	Nitric Acid/Ammonium Nitrate Mixing	30180011	Compressor Seals: Heavy Liquid Stream
30140250	Process Vents: Continuous Process	30140307	Hexamine/Acetic Acid Mixing	30180013	Vessel Relief Valves: All Streams
30140251	Continuous Process: Nitration Reactors and Washers	30140310	Process Vents: Batch Process	<u>3-01-810 General Processes</u>	
30140252	Continuous Process: Stabilization	30140311	Batch Process: Nitration Reactor	<u>3-01-820 Wastewater Treatment</u>	
30140253	Continuous Process: Acetone Distillation and Recovery	30140312	Batch Process: Aging Tank	30182001	Wastewater Stripper
30140260	Continuous Process: Spent Acid Recovery	30140313	Batch Process: Simmer Tank	30182002	Wastewater Treatment
30140261	Continuous Process: Spent Acid Recovery: Denitrating Tower	30140320	Batch Process: Refinement	30182003	Wastewater Treatment
30140262	Continuous Process: Spent Acid Recovery: Sulfuric Acid Regenerator	30140330	Batch Process: Blending	30182004	Chemical Plant Wastewater System: Junction Box
30140263	Continuous Process: Spent Acid Recovery: Sulfuric Acid Concentrator	30140340	Batch Process: Formulation	30182005	Chemical Plant Wastewater System: Lift Station
30140264	Continuous Process: Spent Acid Recovery: Bleacher	30140350	Batch Process: Acetic Acid Recovery	30182006	Chemical Plant Wastewater System: Aerated Impoundment
30140265	Continuous Process: Spent Acid Recovery: Reflux	30140360	Batch Process: Acetone or Cyclohexanone Recovery	30182007	Chemical Plant Wastewater System: Non-aerated Impoundment
		30140399	Other Not Classified	30182008	Chemical Plant Wastewater System: Weir
				30182009	Chemical Plant Wastewater System: Activated Sludge Impoundment
				30182010	Chemical Plant Wastewater System: Clarifier
				30182011	Chemical Plant Wastewater System: Open Trench
				<u>3-01-825 Wastewater, Points of Generation</u>	
				30182501	TNT: Waterwash of Crude TNT (Yellow Water)
				30182502	TNT: Sellite Treatment and Subsequent Washing of Crude TNT (Red H2O)

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>3-01-825 Wastewater, Points of Generation</u>		<u>3-01-870 Inorganic Chemical Storage (Fixed Roof Tanks)</u>		<u>3-01-875 Inorganic Chemical Storage (Floating Roof Tank)</u>	
30182503	TNT: Nitration Fume Scrubber	30187011	Ammonium Nitrate: Breathing Loss	30187513	Urea: Standing Loss
30182504	TNT: Finishing Operation Fume Scrubber	30187012	Ammonium Nitrate: Working Loss	30187514	Urea: Withdrawal Loss
30182510	NG: NG/Acid Separator Soda Wash	30187013	Urea: Breathing Loss	30187515	Copper Sulfate: Standing Loss
30182511	NG: Separator Following Soda Wash	30187014	Urea: Working Loss	30187516	Copper Sulfate: Withdrawal Loss
30182512	NG: Separator Following Fresh Water Wash	30187015	Copper Sulfate: Breathing Loss	30187517	Liquid Ammonia: Standing Loss
30182513	NG: Emulsifier	30187016	Copper Sulfate: Working Loss	30187518	Liquid Ammonia: Withdrawal Loss
30182514	NG: Refrigeration House	30187017	Aqueous Ammonia: Breathing Loss	30187519	Ammonium Bicarbonate: Standing Loss
30182515	NG: Spent Acid Storage	30187018	Aqueous Ammonia: Working Loss	30187520	Ammonium Bicarbonate: Withdrawal Loss
30182516	NG: Air Compressor House	30187019	Ammonium Bicarbonate: Breathing Loss	30187521	Hydrazine Hydrate: Standing Loss
30182517	NG: Refrigeration House	30187020	Ammonium Bicarbonate: Working Loss	30187522	Hydrazine Hydrate: Withdrawal Loss
30182530	NC: Nitric Acid Concentrators	30187021	Hydrazine Hydrate: Breathing Loss	30187523	Anhydrous Hydrazine: Standing Loss
30182531	NC: Nitration Reactor	30187022	Hydrazine Hydrate: Working Loss	30187524	Anhydrous Hydrazine: Withdrawal Loss
30182532	NC: Purification Boiling Tubs	30187023	Anhydrous Hydrazine: Breathing Loss	30187525	Ammonium Sulfate: Standing Loss
30182533	NC: Purification Beaters	30187024	Anhydrous Hydrazine: Working Loss	30187526	Ammonium Sulfate: Withdrawal Loss
30182534	NC: Purification Poacher	30187025	Ammonium Sulfate: Breathing Loss	30187529	Fluosilicic Acid: Standing Loss
30182535	NC: Purification Blender	30187026	Ammonium Sulfate: Working Loss	30187530	Fluosilicic Acid: Withdrawal Loss
30182536	NC: Purification Wringer	30187029	Fluosilicic Acid: Breathing Loss	30187531	Chromic Acid: Standing Loss
30182550	PETN: Nitration Reactors	30187030	Fluosilicic Acid: Working Loss	30187532	Chromic Acid: Withdrawal Loss
30182551	PETN: Spent Acid Recovery	30187031	Chromic Acid: Breathing Loss	30187533	Hydrochloric Acid: Standing Loss
30182552	PETN: Nitric Acid Concentrators	30187032	Chromic Acid: Working Loss	30187534	Hydrochloric Acid: Withdrawal Loss
30182553	PETN: Stabilization	30187033	Hydrochloric Acid: Breathing Loss	30187597	Specify Liquid: Breathing Loss
30182560	RDX/HMX: Nitration	30187034	Hydrochloric Acid: Working Loss	30187598	Specify Liquid: Withdrawal Loss
30182561	RDX/HMX: Filter/Wash	<u>3-01-875 Inorganic Chemical Storage (Floating Roof Tank)</u>		<u>3-01-885 Inorganic Chemical Storage (Pressure Tanks)</u>	
30182562	RDX/HMX: Recrystallization	30187503	Hydrofluoric Acid: Standing Loss	30188506	Nitrogen: Withdrawal Loss
30182563	RDX/HMX: Dewatering	30187504	Hydrofluoric Acid: Withdrawal Loss	30188507	Carbon Dioxide: Withdrawal Loss
30182599	Specify Point of Generation	30187505	Nitric Acid: Standing Loss	30188508	Hydrazine Hydrate: Withdrawal Loss
<u>3-01-830 General Processes</u>		30187506	Nitric Acid: Withdrawal Loss	30188509	Anhydrous Hydrazine: Withdrawal Loss
30183001	Storage/Transfer	30187507	Phosphoric Acid: Standing Loss	30188510	Anhydrous Ammonia: Withdrawal Loss
<u>3-01-840 General Processes</u>		30187508	Phosphoric Acid: Withdrawal Loss	30188511	Hydrogen Fluoride: Withdrawal Loss
30184001	Distillation Units	30187509	Sulfuric Acid: Standing Loss	30188512	Fluosilicic Acid: Withdrawal Loss
		30187510	Sulfuric Acid: Withdrawal Loss	30188513	Hydrogen Chloride: Withdrawal Loss
		30187511	Ammonium Nitrate: Standing Loss	30188514	Fluorine: Withdrawal Loss
		30187512	Ammonium Nitrate: Withdrawal Loss	30188599	Specify Gas: Withdrawal Loss

<b>SCC</b>	<b>SCC Description</b>	<b>SCC</b>	<b>SCC Description</b>	<b>SCC</b>	<b>SCC Description</b>
<b><u>3-01-888 Fugitive Emissions</u></b>					
30188801	Specify in Comments Field	30200516	Loading	30200764	Gluten Feed Drying: Indirect-fired Dryer - Produces Corn Gluten Feed
30188802	Specify in Comments Field	30200517	Turning	30200765	Degerminating Mills: Separates Germ from Starch and Gluten
30188803	Specify in Comments Field	30200518	Turning	30200766	Germ Drying: Drying Germ from Degerminating Mills
30188804	Specify in Comments Field	30200519	Tripper (Gallery)	30200767	Fiber Drying: Drying Corn Hulls after Separation from Starch & Gluten
30188805	Specify in Comments Field	30200520	Batch Dryer	30200768	Gluten Drying: Direct-fired Dryer - Produces Corn Gluten Meal
<b><u>3-01-900 Fuel Fired Equipment</u></b>					
30190021	Flares: Distillate Oil	30200521	Cross-flow Dryer	30200769	Gluten Drying: Indirect-fired Dryer - Produces Corn Gluten Meal
30190022	Flares: Residual Oil	30200522	Counter-flow Dryer	30200770	Dextrose Drying
30190023	Flares: Natural Gas	30200523	Batch Dryer	30200799	See Comments **
<b><u>3-01-999 Other Not Classified</u></b>					
30199998	Specify in Comments Field	30200524	Cross-flow Dryer	<b><u>3-02-008 Feed Manufacture</u></b>	
30199999	Specify in Comments Field	30200525	Counter-flow Dryer	30200807	Grain Cleaning
<b><u>3-02 FOOD AND AGRICULTURE</u></b>					
<b><u>3-02-001 Alfalfa Dehydration</u></b>					
30200199	Other Not Classified	30200526	General	30200808	Milling
<b><u>3-02-002 Coffee Roasting</u></b>					
30200299	Other Not Classified	30200531	Fugitive Emissions: General	30200809	Mixing/Blending
<b><u>3-02-004 Cotton Ginning</u></b>					
30200405	Extract Feeder Cleaners	30200532	Fugitive Emissions: Shipping/Receiving	30200810	Conveying
30200406	Saw Ginning	<b><u>3-02-006 Feed and Grain Country Elevators</u></b>			
30200407	Lint Cleaning	30200699	General	30200811	Scalping
30200408	Baling	<b><u>3-02-007 Grain Millings</u></b>			
30200409	Stick and Green Leaf Extracting Cleaner	30200706	Barley: Receiving	30200812	Bulk Load-out
30200411	Burr Machine Cleaner	30200707	Barley: Bulk Loading	30200813	Shaking
30200412	Stick Machine Cleaner	30200710	Milo: Receiving	30200814	Storage
30200415	Drying	30200730	General **	30200821	Fugitive Emissions: General
30200499	Not Classified **	30200740	Dry Corn Milling: Silo Storage	30200822	Fugitive Emissions: Shipping/Receiving
<b><u>3-02-005 Feed and Grain Terminal Elevators</u></b>					
30200513	Fumigation Tanks	30200746	Dry Corn Milling: Bulk Loading	30200823	Fugitive Emissions: Packing
30200514	General	30200747	Dry Corn Milling: Pneumatic Conveyor	30200832	Citrate: Handling/Transferring
30200515	Cleaning	30200748	Dry Corn Milling: Grinding	30200833	Citrate: Grinding
		30200757	Dry Corn Milling: Mixing Tank	30200834	Citrate: Drying
		30200758	Dry Corn Milling: Extruder	30200835	Citrate: Storage
		30200759	Dry Corn Milling: Kettle Cooker	30200899	Not Classified **
		30200761	Steeping: Grain Conditioning in Tanks Containing Dilute Sulfurous Acid		
		30200762	Evaporators: Concentrate Steepwater to 30-55 % Solids by Evaporation		
		30200763	Gluten Feed Drying: Direct-fired Dryer - Produces Corn Gluten Feed		



SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>3-02-009 Beer Production</u>		<u>3-02-013 Meat Smokehouses</u>		<u>3-02-017 Peanut Processing</u>	
30200903	Brewing	30201302	Batch Smokehouses: Smoking Cycle	30201714	Hulling and Shelling of Almonds (Huller/Sheller)
30200904	Aging	30201303	Batch Smokehouses: Cooking Cycle	30201715	Classifier Screen Deck to Remove Shell from Meats
30200906	Malt Milling	30201304	Continuous Smokehouse: Smoke Zone	30201717	Almond Roaster: Direct-fired Rotating Drum
30200910	Beer Bottling: Storage	30201305	Continuous Smokehouse: Heat Zone	<u>3-02-018 Candy Manufacturing</u>	
30200911	Fugitive Emissions: General	30201311	Meat Charbroiler	30201899	Other Not Classified
30200912	Fugitive Emissions: General	<u>3-02-014 Starch Manufacturing</u>		<u>3-02-019 Vegetable Oil Processing</u>	
30200920	Raw Material Storage	30201402	Steeping (Acidification)	30201901	Com Oil: General **
30200998	Other Not Classified **	30201403	Grinding	30201902	Cottonseed Oil: General **
30200999	Other Not Classified **	30201404	Screening	30201903	Soybean Oil: General **
<u>3-02-010 Whiskey Production Fermentation</u>		30201405	Centrifuging	30201904	Peanut Oil: General
30201004	Fermentation Tank	30201406	Starch Filtering	30201905	General **
30201005	Malt Milling	30201407	Starch Storage Bin	30201911	Oil Extraction **
30201006	Malt Drying	30201408	Starch Bulk Loadout	30201912	Meal Preparation **
30201010	Whiskey Bottling: Storage	30201410	Modified Starch Drying: Flash Dryers	30201913	Oil Refining **
30201011	Fugitive Emissions: General	30201411	Modified Starch Drying: Spray Dryers	30201914	Fugitive Leaks **
30201012	Fugitive Emissions: General	30201412	Unmodified Starch Drying: Flash Dryers	30201915	Solvent Storage ** (Use 4-07-016-15 & -16 or 4-07-176-03 & -04)
30201020	Raw Material Storage	30201413	Unmodified Starch Drying: Spray Dryers	30201919	Fugitive Leaks
30201099	Other Not Classified **	30201421	Fugitive Emissions: General	30201920	Solvent Storage (Use 4-07-016-15 & -16 or 4-07-176-03 & -04 if possib)
<u>3-02-011 Wines, Brandy, and Brandy Spirits</u>		30201422	Fugitive Emissions: Starch Packaging	30201921	Solvent Work Tank
30201101	Grape Crushing/Treatment: White Wines	<u>3-02-015 Sugar Cane Processing</u>		30201923	Aspiration Exhaust Vent: Startup and Shutdown
30201102	Grape Crushing/Treatment: Red Wine	30201501	General	30201925	Oil Extraction Rotary Cell Extractor
30201103	Aging	30201599	Other Not Classified	30201926	Oil Extraction Vertically Arranged Basket Type Extractor
30201104	Fermentation Tank	<u>3-02-016 Sugar Beet Processing</u>		30201927	Oil Extraction Continuous, Shallowbed, Rectangular Loop, No Baskets
30201110	Wine Bottling: Storage	30201699	Other Not Classified	30201930	Meal Preparation: Desolventizer/Toaster
30201111	Fugitive Emission: General	<u>3-02-017 Peanut Processing</u>		30201931	Meal Preparation: Dryer
30201112	Fugitive Emission: General	30201701	Loading/Unloading	30201932	Meal Preparation: Cooler
30201120	Raw Material Storage	30201702	Cleaning	30201933	Meal Preparation: Pneumatic Conveyor
30201199	Other Not Classified	30201703	Shelling	30201935	Meal Preparation: Screening and Grinding
<u>3-02-012 Fish Processing</u>		30201704	Milling	30201939	Meal Storage Tanks
30201299	Other Not Classified **	30201705	Dryer		
		30201712	Precleaning of Orchard Debris from Almonds		
		30201713	Hull Removal and Separation from In-shell Almonds		

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u><b>3-02-019 Vegetable Oil Processing</b></u>		<u><b>3-02-035 Baker's Yeast Manufacturing - Compressed Yeast</b></u>		<u><b>3-02-825 Wastewater, Points of Generation</b></u>	
30201941	Oil Refining: Miscellaneous Holding Tank	30203507	Trade Fermentor (F7 Stage)	30282501	Mineral Oil Stripper
30201942	Oil Refining: Evaporator(s)	30203510	Wastewater Treatment	30282502	Desolventizer/Toaster
30201945	Oil Refining: Oil Stripping Column	30203530	Harvesting	30282503	Condensate from Condensers
30201949	Crude Oil Storage Tanks	30203531	Harvesting: Centrifuge	30282504	Wastewater Separator
30201950	Solvent/Water Separator	30203532	Harvesting: Plate and Frame Filter Press	30282599	Specify Point of Generation
30201960	Wastewater Evaporator	30202533	Harvesting: Rotary Vacuum Filter	<u><b>3-02-888 Fugitive Emissions</b></u>	
30201998	General Processes/Soybean Oil Production	30203534	Harvesting: Mixers	30288801	Specify in Comments Field
30201999	Other Not Classified	30203535	Harvesting: Extrusion	30288802	Specify in Comments Field
<u><b>3-02-022 Cotton Seed Delinting</b></u>		30203536	Harvesting: Cutting	30288803	Specify in Comments Field
30202201	Acid Delinting of Cotton Seeds	30203540	Packaging	30288804	Specify in Comments Field
<u><b>3-02-028 Mushroom Growing</b></u>		<u><b>3-02-036 Deep Fat Frying</b></u>		30288805	Specify in Comments Field
30202801	General	30203603	Batch Deep Fat Fryer: Potato Chips	<u><b>3-02-900 Fuel Fired Equipment</b></u>	
<u><b>3-02-030 Dairy Products</b></u>		30203604	Gas-fired Toaster: Snack Chips	30290005	Process Heaters: LPG
30203001	Milk: Spray Dryer	<u><b>3-02-038 Animal/Poultry Rendering</b></u>		<u><b>3-02-910 Fuel Fired Equipment</b></u>	
30203099	Other Not Classified	30203801	General	30291001	Broiling Food: Natural Gas
<u><b>3-02-032 Bakeries</b></u>		30203802	Size Reduction	<u><b>3-02-999 Other Not Specified</b></u>	
30203203	Material Handling and Transferring	30203803	Cooking	30299998	Other Not Classified
30203204	Flour Storage	30203804	Storage	30299999	Other Not Classified
30203299	Other Not Classified	30203805	Material Handling	<u><b>3-03 PRIMARY METAL PRODUCTION</b></u>	
<u><b>3-02-034 Baker's Yeast Manufacturing - Dry Yeast</b></u>		30203811	Blood Dryer: Natural Gas Direct Fired	<u><b>3-03-000 Aluminum Ore (Bauxite)</b></u>	
30203410	Wastewater Treatment	30203812	Blood Dryer: Steam-coil Indirect Heated	30300004	Loading and Unloading
30203415	Extrusion	<u><b>3-02-039 Carob Kibble</b></u>		<u><b>3-03-001 Aluminum Ore (Electro-reduction)</b></u>	
30203420	Dryer	30203902	Receiving	30300199	Not Classified **
30203421	Drying Chamber	<u><b>3-02-042 Vinegar Manufacturing</b></u>		<u><b>3-03-003 By-product Coke Manufacturing</b></u>	
30203422	Rotolouvre Dryer	30204201	Fermentation: Alcohol	30300315	Gas By-product Plant
30203423	Airlift Dryer: Batch Process	<u><b>3-02-800 Equipment Leaks</b></u>		30300331	By-product Coke Manufacturing
30203424	Airlift Dryer: Continuous Process	30280001	Equipment Leaks	30300332	Flushing-liquor Circulation Tank
<u><b>3-02-035 Baker's Yeast Manufacturing - Compressed Yeast</b></u>		<u><b>3-02-820 Wastewater, Aggregate</b></u>		30300333	Excess-ammonia Liquor Tank
30203504	Intermediate Fermentor (F4 Stage)	30282001	Process Area Drains	30300334	Tar Dehydrator
30203505	Stock Fermentor (F5 Stage)	30282002	Process Equipment Drains	30300335	Tar Interceding Sump
30203506	Pitch Fermentor (F6 Stage)			30300336	Tar Storage

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u><b>3-03-003 By-product Coke Manufacturing</b></u>		<u><b>3-03-006 Ferroalloy, Open Furnace</b></u>		<u><b>3-03-010 Lead Production</b></u>	
30300341	Light Oil Sump		Furnace	30301032	Ore Screening
30300342	Light Oil Decanter/Condenser Vent	30300654	Sealed Furnace: EAF - Other Alloys: Specify in Comment	30301099	Other Not Classified
30300343	Wash Oil Decanter			<u><b>3-03-011 Molybdenum</b></u>	
30300344	Wash-oil Circulation Tank	30300699	Other Not Classified	30301199	Other Not Classified
30300351	By-product Coke Manufacturing	<u><b>3-03-007 Semi-covered Furnace</b></u>		<u><b>3-03-012 Titanium</b></u>	
30300352	Tar Bottom Final Cooler	30300702	Electric Arc Furnace: Other Alloys/Specify	30301299	Other Not Classified
30300353	Naphthalene Processing/Handling	<u><b>3-03-008 Iron Production (See 3-03-015 for Integrated Iron &amp; Steel MACT)</b></u>		<u><b>3-03-013 Gold</b></u>	
30300361	Equipment Leaks	30300811	Raw Material Stockpiles, Coke Breeze, Limestone, Ore Fines	30301301	General Processes
30300399	Not Classified **	30300828	Blast Furnace: Local Evacuation	30301302	Fines Crushing
<u><b>3-03-005 Primary Copper Smelting</b></u>		30300829	Blast Furnace: Taphole and Trough	<u><b>3-03-014 Barium Ore Processing</b></u>	
30300519	Unpaved Road Traffic: Fugitive Emissions	30300841	Flue Dust Unloading	30301402	Reduction Kiln
30300521	Noranda Reactor	30300842	Blended Ore Unloading	30301403	Dryers/Calciners
30300528	Norander Reactor and Converter	30300899	See Comment **	30301499	Other Not Classified
30300541	Concentrate Dryer Followed by Noranda Reactors and Converter	<u><b>3-03-009 Steel Manufacturing (See 3-03-015 for Integrated Iron &amp; Steel MACT)</b></u>		<u><b>3-03-015 Integrated Iron and Steel Manufacturing (See also 3-03-008 &amp; 3-03-009)</b></u>	
30300599	Other Not Classified	30300926	Electric Induction Furnace	30301501	Integrated Iron and Steel Foundries
<u><b>3-03-006 Ferroalloy, Open Furnace</b></u>		30300927	Steel Scrap Preheater	30301502	Sintering: Raw Materials Handling
30300608	Raw Material Unloading	30300928	Argon-oxygen Decarburization	30301503	Sintering: Windbox
30300609	Raw Material Crushing	30300929	Steel Plate Burner/Torch Cutter	30301504	Sintering: Discharge End
30300611	Ore Dryer	30300930	Q-BOP Melting and Refining	30301505	Sintering: Cooler
30300618	Mix House/Weighing	30300931	Hot Rolling	30301506	Sintering: Cold Screen
30300619	Raw Material Charging	30300935	Cold Rolling	30301510	Blast Furnace: Slip
30300620	Tapping	30300998	Other Not Classified	30301511	Blast Furnace: Charging
30300621	Casting	30300999	Other Not Classified	30301512	Blast Furnace: Casting, Uncontrolled Casthouse Roof Monitor
30300622	Cooling	<u><b>3-03-010 Lead Production</b></u>		30301513	Blast Furnace: Casting, Furnace with Local Evacuation
30300623	Product Crushing	30301007	Sintering: Dual Stream Discharge End	30301514	Blast Furnace: Taphole and Trough Only
30300624	Product Storage	30301027	Vacuum Distillation	30301518	Hot Metal Desulfurization
30300625	Product Loading	30301028	Tetrahydrite Dryer	30301520	Basic Oxygen Furnace (BOF)
30300651	Sealed Furnace: Ferromanganese: Electric Arc Furnace	30301030	Sinter Storage	30301521	BOF, Top Blown Furnace: Charging
30300652	Sealed Furnace: Ferrochromium: Electric Arc Furnace	30301031	Speiss Pit	30301522	BOF, Top Blown Furnace: Melting and Refining
30300653	Sealed Furnace: Ferrochromium Silica: Electric Arc				

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u><b>3-03-015 Integrated Iron and Steel Manufacturing (See also 3-03-008 &amp; 3-03-009)</b></u>		<u><b>3-03-023 Taconite Iron Ore Processing</b></u>		<u><b>3-03-800 Equipment Leaks</b></u>	
30301523	BOF, Top Blown Furnace: Tapping	30302317	Magnetic Separation	30380001	Equipment Leaks
30301524	BOF, Top Blown Furnace: Hot Metal Transfer	30302318	Non-magnetic Separation	<u><b>3-03-820 Wastewater, Aggregate</b></u>	
30301530	QBOP: Melting and Refining	30302319	Kiln	30382001	Process Area Drains
30301540	Electric Arc Furnace (EAF): Charging	30302320	Conveyors, Transfer, and Loading	30382002	Process Equipment Drains
30301541	EAF: Melting and Refining	30302340	Tailings Basin	<u><b>3-03-825 Wastewater, Points of Generation</b></u>	
30301542	EAF: Tapping	30302399	Other Not Classified	30382599	Specify Point of Generation
30301543	EAF: Slagging	<u><b>3-03-030 Zinc Production</b></u>		<u><b>3-03-888 Fugitive Emissions</b></u>	
30301550	Open Hearth Furnace: Charging	30303013	Suspension Roaster	30388801	Specify in Comments Field
30301551	Open Hearth Furnace: Melting and Refining	30303015	Zinc Melting	30388802	Specify in Comments Field
30301552	Open Hearth Furnace: Tapping	30303016	Alloying	30388803	Specify in Comments Field
30301553	Open Hearth Furnace: Hot Metal Transfer	30303017	Leaching	30388804	Specify in Comments Field
30301554	Open Hearth Furnace: Slagging	30303018	Purification	30388805	Specify in Comments Field
30301560	Teeming: Lead Steel	30303019	Sinter Plant Wind Box	<u><b>3-03-900 Fuel Fired Equipment</b></u>	
30301561	Teeming: Unleaded Steel	30303020	Sinter Plant Discharge and Screens	30390021	Distillate Oil (No. 2): Flares
30301570	Machine Scarfing	30303021	Retort Furnace	30390022	Residual Oil: Flares
30301571	Manual Scarfing	30303022	Flue Dust Handling	<u><b>3-03-999 Other Not Classified</b></u>	
30301580	Miscellaneous Combustion Sources	30303023	Dross Handling	30399999	Other Not Classified
30301581	Miscellaneous Combustion Sources: Blast Furnace Stoves	30303024	Roasting: Fugitive Emissions	<u><b>3-04 SECONDARY METAL PRODUCTION</b></u>	
30301582	Miscellaneous Combustion Sources: Boilers	30303099	Other Not Classified	<u><b>3-04-001 Aluminum</b></u>	
30301583	Miscellaneous Combustion Sources: Soaking Pits	<u><b>3-03-040 Alumina Processing - Bayer Process</b></u>		30400107	Hot Dross Processing
30301584	Miscellaneous Combustion Sources: Reheat Furnaces	30304001	Bayer Process	30400112	Annealing Furnace
30301590	Open Dust Sources	30304010	Ore Crushing/Grinding	30400113	Slab Furnace
30301591	Continuous Drop: Conveyor Transfer Station	30304011	Mixer	30400115	Sweating Furnace: Grate
30301592	Pile Formation Stacker: Pellet Ore	30304012	Digester	30400116	Dry Milling Dross
30301593	Pile Formation Stacker: Lump Ore	30304013	Filter/Wash	30400117	Wet Milling Dross
30301594	Pile Formation Stacker: Coal	30304014	Hydrolyzation/Cooling	30400118	Leaching
30301595	Batch Drops Front End Loader Truck: High Silt Slag	30304015	Precipitate Filtering/Washing	30400121	Roasting
30301596	Batch Drops Front End Loader Truck: Low Silt Slag	30304016	Calcination/Heating	30400130	Damagging
		30304017	Cooling of Alumina	30400131	Raw Material Charging
				30400132	Raw Material Storage
				30400133	Tapping

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>3-04-001 Aluminum</u>		<u>3-04-005 Lead Battery Manufacture</u>		<u>3-04-007 Steel Foundries</u>	
30400150	Rolling/Drawing/Extruding	30400513	Barton Process: Oxidation Kettle	30400720	Sand Dryer
30400160	Material Handling	30400521	Overall Process	30400722	Muller
30400199	Other Not Classified	30400524	Lead Oxide Mill (Baghouse Outlet)	30400732	Electric Arc Furnace: Baghouse
<u>3-04-002 Copper</u>		30400525	Three Process Operation	30400733	Electric Arc Furnace: Baghouse Dust Handling
30400209	Sweating Furnace	30400527	Small Parts Casting	30400735	Raw Material Unloading
30400216	Charge with Copper: Rotary Furnace	30400528	Formation	30400736	Conveyors/Elevators: Raw Material
30400218	Charge with Copper: Crucible and Pot Furnace	30400529	Grid Cast/Paste Mix: Combined Operation	30400737	Raw Material Silo
30400240	Charge with Copper: Holding Furnace	30400530	Paste Mix/Lead Charge: Combined Operation	30400739	Scrap Centrifugation
30400241	Charge with Copper: Holding Furnace	30400531	Wash and Paint	30400740	Reheating Furnace: Natural Gas
30400250	Charge with Copper: Converter	30400599	Other Not Classified	30400741	Scrap Heating
30400251	Charge with Brass and Bronze: Converter	<u>3-04-006 Magnesium</u>		30400742	Crucible
30400299	Other Not Classified	30400602	Dow Seawater Process	30400743	Pneumatic Converter Furnace
<u>3-04-003 Grey Iron Foundries</u>		30400605	Dow Seawater Process: Neutralization Tank	30400744	Ladle
30400314	Scrap Metal Preheating	30400606	Dow Seawater Process: HCl Absorbers	30400745	Fugitive Emissions: Furnace
30400316	Tapping	30400607	Dow Seawater Process: Evaporator	30400760	Alloy Feeding
30400317	Pouring Ladle	30400608	Dow Seawater Process: Filtering/Concentration	30400765	Billet Cutting
30400330	Miscellaneous Casting-Fabricating **	30400609	Dow Seawater Process: Shelf Dryer	30400768	Scrap Handling
30400355	Sand Dryer	30400610	Dow Seawater Process: Rotary Dryer	30400770	Slag Storage Pile
30400399	Other Not Classified	30400611	Dow Seawater Process: Prilling	30400775	Slag Crushing
<u>3-04-004 Lead</u>		30400612	Dow Seawater Process: Granule Storage Tanks	30400780	Limerock Handling
30400415	Agglomeration Furnace	30400613	Dow Seawater Process: Electrolysis	30400785	Roof Monitors - Hot Metal Transfer
30400416	Furnace Charging	30400614	Dow Seawater Process: Regenerative Furnaces	30400799	Other Not Classified
30400417	Furnace Lead/Slaglapping	30400630	Natural Lead Industrial (NLI) Brine Process	<u>3-04-008 Zinc</u>	
30400418	Electric Furnace	30400635	NLI Brine Process: MgCl2 Melt/Purification	30400807	Concentrate Dryer
30400419	Raw Material Dryer	30400636	NLI Brine Process: 2nd Vessel, Further Purification	30400853	Graphite Rod Distillation
30400420	Raw Material Unloading	30400637	NLI Brine Process: Electrolysis	30400899	Other Not Classified
30400421	Raw Material Transfer/Conveying	30400650	American Magnesium Process	<u>3-04-009 Malleable Iron</u>	
30400422	Raw Material Storage Pile	30400655	American Magnesium Process: Purification II	30400999	Other Not Classified
30400423	Slag Breaking	30400656	American Magnesium Process: Electrolysis	<u>3-04-010 Nickel</u>	
30400424	Size Separation	30400660	American Magnesium Process: Chlorine Recovery	30401001	Flux Furnace
30400499	Other Not Classified	30400699	Other Not Classified	30401004	Heat Treat Furnace
				30401015	Multiple Hearth Roaster

<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
<u>3-04-010 Nickel</u>		<u>3-04-888 Fugitive Emissions</u>		<u>3-05-001 Asphalt Roofing Manufacture</u>	
30401016	Converters	30488801	Specify in Comments Field	30500140	Granules Unloading
30401017	Reverberatory Furnace	30488802	Specify in Comments Field	30500141	Granules Storage
30401018	Electric Furnace	30488803	Specify in Comments Field	30500142	Mineral Dust Unloading
30401019	Sinter Machine	30488804	Specify in Comments Field	30500143	Mineral Dust Storage
30401061	Roasting: Fugitive Emissions	30488805	Specify in Comments Field	30500144	Granules Transport Screw Conveyor and Bucket Elevator
30401062	Reverberatory Furnace: Fugitive Emissions	<u>3-04-900 Fuel Fired Equipment</u>		30500145	Mineral Dust Transport Screw Conveyor and Bucket Elevator
30401063	Converter: Fugitive Emissions	30490021	Distillate Oil (No.2)	30500146	Sand Surge Bin
30401099	Other Not Classified	30490022	Residual Oil	30500147	Granules Surge Bin
<u>3-04-020 Furnace Electrode Manufacture</u>		30490031	Distillate Oil: Furnaces	30500150	Mineral Dust (Filler) and Asphalt Coating Mixer
30402005	Grafitization of Coal by Heating Process	30490032	Residual Oil: Furnaces	30500151	Granules
30402099	Other Not Classified	30490033	Natural Gas: Furnaces	30500152	Sand Applicator
<u>3-04-022 Metal Heat Treating</u>		30490034	Process Gas: Furnaces	30500153	Coning Rolls
30402211	Quenching	30490035	Propane	30500154	Finish Floating Looper
<u>3-04-049 Miscellaneous Casting and Fabricating</u>		<u>3-04-999 Other Not Classified</u>		30500198	Other Not Classified
30404902	Wax Burnout Oven	30499999	Specify in Comments Field	30500199	See Comment **
30404999	Wax Burnout Oven	<u>3-05 MINERAL PRODUCTS</u>		<u>3-05-002 Asphalt Concrete</u>	
<u>3-04-050 Miscellaneous Casting Fabricating</u>		<u>3-05-001 Asphalt Roofing Manufacture</u>		30500208	Asphalt Heater: Distillate Oil (Use 3-05-050-22 for MACT)
30405001	Other Not Classified	30500106	Shingles and Rolls: Spraying Only	30500209	Asphalt Heater: LPG (Use 3-05-050-23 for MACT)
30405099	Other Not Classified	30500107	Shingles and Rolls: Mineral Dryer	30500210	Asphalt Heater: Waste Oil
<u>3-04-051 Metallic Lead Products</u>		30500108	Shingles and Rolls: Coating	30500212	Heated Asphalt Storage Tanks: Drum Mix
30405102	Bearing Metals	30500114	Asphaltic Felt: Coating	30500213	Storage Silo
<u>3-04-800 Equipment Leaks</u>		30500115	Storage Bins: Steam Drying Drums	30500214	Truck Load-out
30480001	Equipment Leaks	30500118	Shingle Saturation: Dip Saturator, Drying-in Drum and Hot Looper	30500215	In Place Recycling: Propane
<u>3-04-820 Wastewater, Aggregate</u>		30500120	Storage Bins: Ferric Chloride	30500216	Cold Aggregate Feed Bins
30482001	Process Area Drains	30500121	Storage Bins: Mineral Stabilizer	30500217	Cold Aggregate Conveyors and Elevators
30482002	Process Equipment Drains	30500130	Fixed Roof Tank: Asphalt/Breathing Loss	30500220	Elevators: Batch Process
<u>3-04-825 Wastewater, Points of Generation</u>		30500131	Fixed Roof Tank: Working Loss	30500221	Elevators: Continuous Process
30482599	Specify Point of Generation	30500132	Floating Roof Tank: Standing Loss	30500230	Hot Bins and Screens: Batch Process
		30500133	Floating Roof Tank: Working Loss	30500231	Hot Bins and Screens: Continuous Process
		30500134	Blown Saturant Storage	30500240	Mixers: Batch Process
		30500135	Blown Coating Storage		

<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
<u>3-05-002 Asphalt Concrete</u>		<u>3-05-006 Cement Manufacturing (Dry Process)</u>		<u>3-05-010 Coal Mining, Cleaning, and Material Handling (See 305310)</u>	
30500241	Mixers: Continuous Process	30500626	Raw Mill Air Separator	30501014	Cleaned Coal Storage
30500242	Mixers: Drum Mix Process	30500627	Finish Grinding Mill Feed Belt	30501015	Loading
30500290	Haul Roads: General	30500628	Finish Grinding Mill Weigh Flopper	30501016	Loading: Clean Coal
30500298	Other Not Classified	30500629	Finish Grinding Mill Air Separator	30501017	Secondary Crushing
30500299	See Comment **	30500699	Other Not Classified	30501051	Surface Mining Operations: Open Storage Pile: Spoils
<u>3-05-003 Brick Manufacture</u>		<u>3-05-007 Cement Manufacturing (Wet Process)</u>		30501060	Surface Mining Operations: Primary Crusher
30500305	Raw Material Handling and Transferring	30500727	Finish Grinding Mill Feed Belt	30501061	Surface Mining Operations: Secondary Crusher
30500306	Pulverizing	30500728	Finish Grinding Mill Weigh Flopper	30501062	Surface Mining Operations: Screens
30500307	Calcining	30500729	Finish Grinding Mill Air Separator	30501090	Haul Roads: General
30500317	Raw Material Unloading	30500799	Other Not Classified	30501099	Other Not Classified
30500318	Tunnel Kiln: Wood-fired	<u>3-05-008 Ceramic Clay/Tile Manufacture</u>		<u>3-05-011 Concrete Batching</u>	
30500319	Transfer and Conveying	30500804	Screening and Floating	30501199	Other Not Classified
30500330	Curing and Firing: Dual Fuel-fired Periodic Kiln	30500805	Mixing	<u>3-05-012 Fiberglass Manufacturing</u>	
30500331	Curing and Firing: Dual Fuel Fired Tunnel Kiln	30500806	Handling and Transferring	30501299	Other Not Classified
30500332	Curing and Firing: Gas-fired Kiln, Other Type	30500807	Grinding, Dry	<u>3-05-013 Frit Manufacture</u>	
30500333	Curing and Firing: Oil-fired Kiln, Other Type	30500810	Spray Dryer: Agglomeration Process	30501399	Other Not Classified
30500334	Curing and Firing: Coal-fired Kiln, Other Type	30500811	Infrared (IR) Dryer	<u>3-05-014 Glass Manufacture</u>	
30500335	Curing and Firing: Dual Fuel-fired Kiln, Other Type	30500812	Glazing and Firing Kiln	30501405	Presintering
30500397	Other Not Classified	30500899	Other Not Classified	30501410	Raw Material Handling (All Types of Glass)
30500398	Other Not Classified	<u>3-05-009 Clay and Fly Ash Sintering</u>		30501416	Glass Manufacturing
30500399	Other Not Classified	30500915	Rotary Kiln	30501417	Briquetting
<u>3-05-004 Calcium Carbide</u>		30500999	Other Not Classified	30501418	Pelletizing
30500499	Other Not Classified	<u>3-05-010 Coal Mining, Cleaning, and Material Handling (See 305310)</u>		30501420	Mirror Plating: General
<u>3-05-005 Castable Refractory</u>		30501004	Rotary	30501421	Deminerizer: General
30500507	Tunnel Kiln	30501005	Cascade	30501499	See Comment **
30500598	Other Not Classified	30501006	Continuous Carrier	<u>3-05-015 Gypsum Manufacture</u>	
30500599	Other Not Classified	30501007	Screen	30501515	Tube/Ball Mills
<u>3-05-006 Cement Manufacturing (Dry Process)</u>		30501009	Raw Coal Storage	30501520	Drying Kiln
30500620	Predryer	30501011	Coal Transfer	30501599	See Comment **
30500621	Pulverized Coal Kiln Feed Units	30501012	Screening		
30500624	Raw Mill Feed Belt	30501013	Air Tables		
30500625	Raw Mill Weigh Hopper				

**SCC**      **SCC Description**

**3-05-016 Lime Manufacture**

30501606 Fluidized Bed Kiln  
30501617 Multiple Hearth Calciner  
30501621 Calcining: Coal- and Coke-fired Rotary Kiln  
30501622 Calcining: Coal-fired Rotary Preheater Kiln  
30501623 Calcining: Gas-fired Parallel Flow Regenerative Kiln  
30501624 Conveyor Transfer - Primary Crushed Material  
30501625 Secondary/Tertiary Screening  
30501628 Pulverizing  
30501629 Tertiary Screening After Pulverizing  
30501630 Screening After Calcination  
30501631 Crushing and Pulverizing After Calcinating  
30501632 Milling  
30501633 Separator After Hydrator  
30501640 Vehicle Traffic  
30501650 Quarrying Raw Limestone  
30501660 Waste Treatment  
30501699 See Comment \*\*

**3-05-017 Mineral Wool**

30501706 Granulated Products Processing  
30501707 Handling Operations  
30501708 Packaging Operations  
30501709 Batt Application  
30501710 Storage of Oils and Binders  
30501711 Mixing of Oils and Binders  
30501799 Other Not Classified

**3-05-018 Perlite Manufacturing**

30501899 Other Not Classified

**3-05-019 Phosphate Rock**

30501906 Rotary Dryer  
30501908 Mineral Products Benefication  
30501999 Other Not Classified

**SCC**      **SCC Description**

**3-05-020 Stone Quarrying - Processing (See also 305320)**

30502017 Pugmill  
30502018 Drilling with Liquid Injection  
30502033 Truck Loading: Front End Loader  
30502099 Not Classified \*\*

**3-05-021 Salt Mining**

30502101 General  
30502102 Granulation: Stack Dryer

**3-05-022 Potash Production**

30502299 Other Not Classified

**3-05-024 Magnesium Carbonate**

30502499 Other Not Classified

**3-05-025 Construction Sand and Gravel**

30502508 Dryer \*\* (See 3-05-027-20 thru -24 for Industrial Sand Dryers)  
30502512 Overburden Removal  
30502513 Excavating  
30502514 Drilling and Blasting  
30502522 Rodmilling: Fine Crushing of Construction Sand  
30502523 Fine Screening of Construction Sand Following Dewatering or Rodmilling  
30502599 Not Classified \*\*

**3-05-026 Diatomaceous Earth**

30502601 Handling  
30502699 Other Not Classified

**3-05-027 Industrial Sand and Gravel**

30502701 Primary Crushing of Raw Material  
30502705 Secondary Crushing  
30502709 Grinding: Size Reduction to 50 Microns or Smaller  
30502713 Screening: Size Classification  
30502717 Draining: Removal of Moisture to About 6% After Froth Flotation  
30502720 Sand Drying: Gas- or Oil-fired Rotary or Fluidized

**SCC**      **SCC Description**

**3-05-027 Industrial Sand and Gravel**

Bed Dryer  
30502721 Sand Drying: Gas-fired Rotary Dryer  
30502722 Sand Drying: Oil-fired Rotary Dryer  
30502723 Sand Drying: Gas-fired Fluidized Bed Dryer  
30502724 Sand Drying: Oil-fired Fluidized Bed Dryer  
30502730 Cooling of Dried Sand  
30502740 Final Classifying: Screening to Classify Sand by Size  
30502760 Sand Handling, Transfer, and Storage

**3-05-030 Ceramic Electric Parts**

30503099 Other Not Classified

**3-05-031 Asbestos Mining**

30503199 Other Not Classified

**3-05-032 Asbestos Milling**

30503202 Drying  
30503299 Other Not Classified

**3-05-033 Vermiculite**

30503312 Screening of Crude Vermiculite Ore  
30503319 Blending of Vermiculite Ore  
30503321 Vermiculite Concentrate Drying: Rotary Dryer, Gas-fired  
30503322 Vermiculite Concentrate Drying: Rotary Dryer, Oil-fired  
30503326 Vermiculite Concentrate Drying: Fluidized Bed Dryer, Gas-fired  
30503327 Vermiculite Concentrate Drying: Fluidized Bed Dryer, Oil-fired  
30503331 Crushing of Dried Vermiculite Concentrate  
30503336 Screening: Size Classification of Crushed Vermiculite Concentrate  
30503341 Conveying of Vermiculite Concentrate to Storage  
30503351 Exfoliation of Vermiculite Concentrate: Gas-fired Vertical Furnace



SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u><b>3-05-033 Vermiculite</b></u>					
30503352	Exfoliation of Vermiculite Concentrate: Oil-fired Vertical Furnace	30503708	Final Production	30510209	Sand
30503361	Product Grinding: Grinding of Exfoliated Vermiculite	<u><b>3-05-039 Pyrrhotite</b></u>			
30503366	Product Classifying: Air Classification of Exfoliated Vermiculite	30503901	Fluid Bed Roaster	30510309	Sand
<u><b>3-05-034 Feldspar</b></u>					
30503402	Dryer	30503902	Reduction Kiln	30510310	Fluxes
<u><b>3-05-035 Abrasive Grain Processing</b></u>					
30503501	Primary Crushing	<u><b>3-05-040 Mining and Quarrying of Nonmetallic Minerals</b></u>			
30503502	Secondary Crushing	30504033	Ore Dryer	30510604	Coke
30503503	Final Crushing	30504099	Other Not Classified	<u><b>3-05-102 Bulk Materials Storage Bins</b></u>	
30503504	Crushed Grain Screening	<u><b>3-05-050 Asphalt Processing (Blowing)</b></u>			
30503505	Washing/Drying	30505001	Asphalt Processing (Blowing)	30510708	Sulfur
30503506	Final Screening	30505005	Asphalt Storage (Prior to Blowing)	30510709	Bauxite
30503507	Air Classification	30505010	Asphalt Blowing Still	<u><b>3-05-103 Bulk Materials Open Stockpiles</b></u>	
<u><b>3-05-036 Bonded Abrasives Manufacturing</b></u>					
30503601	Mixing	30505020	Asphalt Heater: Natural Gas	30510808	Sulfur
30503602	Molding	30505021	Asphalt Heater: Residual Oil	30510809	Bauxite
30503603	Steam Autoclaving	30505022	Asphalt Heater: Distillate Oil	<u><b>3-05-106 Bulk Materials Screening/Size Classification</b></u>	
30503604	Drying	30505023	Asphalt Heater: LP Gas	30510904	Coke
30503605	Firing or Curing	<u><b>3-05-090 Mica</b></u>			
30503606	Cooling	30509001	Rotary Dryer	<u><b>3-05-107 Bulk Materials Separation: Cyclones</b></u>	
30503607	Final Machining	30509002	Fluid Energy Mill - Grinding	30510708	Sulfur
<u><b>3-05-037 Coated Abrasives Manufacturing</b></u>					
30503701	Printing of Backing	<u><b>3-05-091 Sandspar</b></u>			
30503702	Make Coat Application	30509101	Rotary Dryer	30510808	Sulfur
30503703	Grain Application	<u><b>3-05-092 Catalyst Manufacturing</b></u>			
30503704	Drying	30509201	Transferring and Handling	30510809	Bauxite
30503705	Size Coat Application	30509202	Mixing and Blending	<u><b>3-05-310 Coal Mining, Cleaning, and Material Handling (See 305010)</b></u>	
30503706	Final Drying and Curing	30509203	Reacting	30531001	Fluidized Bed
30503707	Roll Winding	30509204	Drying	30531002	Flash or Suspension
<u><b>3-05-100 Bulk Materials Elevators</b></u>					
		30509205	Storage	30531003	Multilouvered
		30510004	Drying	30531004	Rotary
				30531005	Cascade
				30531006	Continuous Carrier
				30531007	Screen
				30531008	Unloading
				30531009	Raw Coal Storage
				30531010	Crushing
				30531011	Coal Transfer
				30531012	Screening
				30531013	Air Tables
				30531014	Cleaned Coal Storage
				30531015	Loading
				30531016	Loading: Clean Coal
				30531017	Secondary Crushing
				30531090	Haul Roads: General

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u><b>3-05-310 Coal Mining, Cleaning, and Material Handling (See 305010)</b></u>		<u><b>3-05-825 Wastewater, Points of Generation</b></u>		<u><b>3-06-005 Wastewater Treatment</b></u>	
30531099	Other Not Classified	30582599	Specify Point of Generation		Pumps
<u><b>3-05-320 Stone Quarrying - Processing (See also 305020 for diff. units)</b></u>		<u><b>3-05-888 Fugitive Emissions</b></u>		<u><b>3-06-008 Fugitive Emissions</b></u>	
30532001	Primary Crushing	30588801	Specify in Comments Field	30600801	Pipeline Valves and Flanges
30532002	Secondary Crushing/Screening	30588802	Specify in Comments Field	30600802	Vessel Relief Valves
30532003	Tertiary Crushing/Screening	30588803	Specify in Comments Field	30600803	Pump Seals w/o Controls
30532004	Recrushing/Screening	30588804	Specify in Comments Field	30600804	Compressor Seals
30532005	Fines Mill	30588805	Specify in Comments Field	30600805	Miscellaneous: Sampling/Non-Asphalt Blowing/Purging/etc.
30532006	Miscellaneous Operations: Screen/Convey/Handling	<u><b>3-05-900 Fuel Fired Equipment</b></u>		30600806	Pump Seals with Controls
30532007	Open Storage	30590005	LPG	30600807	Blind Changing
30532008	Cut Stone: General	<u><b>3-05-999 Other Not Defined</b></u>		<u><b>3-06-009 Flares</b></u>	
30532009	Blasting: General	30599999	Specify in Comments Field	30600901	Distillate Oil
30532010	Drilling	<u><b>3-06 PETROLEUM INDUSTRY</b></u>		30600902	Residual Oil
30532011	Hauling	<u><b>3-06-001 Process Heaters</b></u>		30600905	Liquified Petroleum Gas
30532012	Drying	30600199	Other Not Classified	30600906	Hydrogen Sulfide
30532013	Bar Grizzlies	<u><b>3-06-005 Wastewater Treatment</b></u>		30600999	Not Classified **
30532014	Shaker Screens	30600508	Oil/Water Separator	<u><b>3-06-010 Sludge Converter</b></u>	
30532015	Vibrating Screens	30600510	Liquid-Liquid Separator: Hydrocarbon/Amine	30601011	Oil/Sludge Dewatering Unit: General
30532016	Revolving Screens	30600511	Sour Water Treating	<u><b>3-06-013 Coke Handling System</b></u>	
30532017	Pugmill	30600514	Petroleum Refinery Wastewater System: Junction Box	30601301	Storage and Transfer
30532018	Drilling with Liquid Injection	30600515	Petroleum Refinery Wastewater System: Lift Station	<u><b>3-06-014 Petroleum Coke Calcining</b></u>	
30532020	Drilling	30600516	Petroleum Refinery Wastewater System: Aerated Impoundment	30601402	Delayed Coking
30532031	Truck Unloading	30600517	Petroleum Refinery Wastewater System: Non-aerated Impoundment	<u><b>3-06-015 Bauxite Burning</b></u>	
30532032	Truck Loading: Conveyor	30600518	Petroleum Refinery Wastewater System: Weir	30601599	Other Not Classified
30532033	Truck Loading: Front End Loader	30600519	Petroleum Refinery Wastewater System: Activated Sludge Impoundment	<u><b>3-06-016 Catalytic Reforming Unit</b></u>	
<u><b>3-05-800 Equipment Leaks</b></u>		30600520	Petroleum Refinery Wastewater System: Clarifier	30601601	General
30580001	Equipment Leaks	30600521	Petroleum Refinery Wastewater System: Open Trench	30601602	Alkylation Feed Treater
<u><b>3-05-820 Wastewater, Aggregate</b></u>		30600522	Petroleum Refinery Wastewater System: Auger	30601603	Alkylation Unit: Hydrofluoric Acid
30582001	Process Area Drains			30601604	Alkylation Unit: Sulfuric Acid
30582002	Process Equipment Drains				

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u><b>3-06-017 Catalytic Hydrotreating Unit</b></u>					
30601701	General				
<u><b>3-06-018 Hydrogen Generation Unit</b></u>					
30601801	General				
<u><b>3-06-019 Merox Treating Unit</b></u>					
30601901	General				
<u><b>3-06-020 Crude Unit Atmospheric Distillation</b></u>					
30602001	General				
<u><b>3-06-021 Light Ends Fractionation Unit</b></u>					
30602101	General				
<u><b>3-06-022 Gasoline Blending Unit</b></u>					
30602201	General				
<u><b>3-06-023 Hydrocracking Unit</b></u>					
30602301	General				
<u><b>3-06-032 Sour Gas Treating Unit</b></u>					
30603201	General				
<u><b>3-06-033 Desulfurization</b></u>					
30603301	Sulfur Recovery Unit				
<u><b>3-06-099 Incinerators</b></u>					
30609905	Liquified Petroleum Gas				
<u><b>3-06-100 Lube Oil Refining</b></u>					
30610001	General				
<u><b>3-06-220</b></u>					
30622001	Underground Storage Remediation and Other Remediation:				
	Remediation:				
30622002	Underground Storage & Other Remediation: Soil Remediation: Residual Oil				
30622003	Underground Storage and Other Remediation: Soil: Natural Gas				
30622004	Underground Storage and Other Remediation: Soil: Distillate Oil				
30622005	Underground Storage and Other Remediation: Soil:				
<u><b>3-06-220</b></u>					
	LPG				
30622006	Underground Storage and Other Remediation: Soil: Waste Oil				
30622201	Underground Storage and Other Remediation: Vapor Extract				
30622202	Underground Storage and Other Remediation: Vapor Extract: Residual Oil				
30622203	Underground Storage and Other Remediation: Vapor Extract: Natural Gas				
30622204	Underground Storage & Other Remediation: Vapor Extract: Distillate Oil				
30622205	Underground Storage and Other Remediation: Vapor Extract: LPG				
30622206	Underground Storage and Other Remediation: Vapor Extract: Waste Oil				
30622401	Underground Storage and Other Remediation: Air Stripping				
30622402	Underground Storage and Other Remediation: Air Stripping: Residual Oil				
30622403	Underground Storage and Other Remediation: Air Stripping: Natural Gas				
30622404	Underground Storage & Other Remediation: Air Stripping: Distillate Oil				
30622405	Underground Storage and Other Remediation: Air Stripping: LPG				
30622406	Underground Storage and Other Remediation: Air Stripping: Waste Oil				
<u><b>3-06-300 Re-refining of Lube Oils and Greases</b></u>					
30630005	Waste Oil Still Vent				
30630006	Waste Oil Storage Tank				
30630007	Finished Product Storage Tank				
<u><b>3-06-888 Fugitive Emissions</b></u>					
30688801	Specify in Comments Field				
30688802	Specify in Comments Field				
30688803	Specify in Comments Field				
30688804	Specify in Comments Field				
30688805	Specify in Comments Field				
<u><b>3-06-999 Petroleum Products - Not Classified</b></u>					
30699998	Not Classified **				
30699999	Not Classified **				
<u><b>3-07 PULP AND PAPER AND WOOD PRODUCTS</b></u>					
<u><b>3-07-001 Sulfate (Kraft) Pulping</b></u>					
30700111	Filtrate Tanks				
30700112	Lime Mud Washers				
30700113	Lime Mud Filter System				
30700114	Bleaching Reactors				
30700115	Chlorine Dioxide				
30700116	Turpentine Loading Facilities				
30700117	Condensate Strippers				
30700118	Liquor Clarifiers				
30700119	Boiler Ash Handling				
30700120	Stock Washing/Screening				
30700121	Wastewater: General				
30700122	Causticizing: General				
30700199	Other Not Classified				
<u><b>3-07-002 Sulfite Pulping</b></u>					
30700299	See Comment **				
<u><b>3-07-003 Neutral Sulfite Semichemical Pulping</b></u>					
30700302	Evaporator				
<u><b>3-07-004 Pulpboard Manufacture</b></u>					
30700403	Raw Material Storage and Handling				
30700404	Stock Mixing/Blending				
30700405	Paper/Board Forming				

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<b><u>3-07-004 Pulpboard Manufacture</u></b>		<b><u>3-07-011 Paper Coating and Glazing</u></b>		<b><u>3-07-888 Fugitive Emissions</u></b>	
30700406	Multi-effect Evaporator/Dryer	30701199	Extrusion Coating Line with Solvent Free Resin/Wax	30788898	Specify in Comments Field
30700407	Coating Operations	<b><u>3-07-012 Miscellaneous Paper Processes</u></b>		<b><u>3-07-900 Fuel Fired Equipment</u></b>	
30700499	See Comment **	30701201	Cyclones	30790014	Process Gas: Incinerators
<b><u>3-07-005 Wood Pressure Treating</u></b>		30701220	Thermomechanical Process	30790021	Distillate Oil (No. 2)
30700501	Creosote	<b><u>3-07-013 Miscellaneous Paper Products</u></b>		30790022	Residual Oil
30700597	Other Not Classified	30701301	Shredding Newspaper for Insulation Manufacturing	30790024	Process Gas: Flares
30700598	Other Not Classified	30701399	Other Not Classified	<b><u>3-07-999 Other Not Classified</u></b>	
30700599	Other Not Classified	<b><u>3-07-020 Furniture Manufacture</u></b>		30799901	Battery Separators
<b><u>3-07-007 Plywood/Particleboard Operations</u></b>		30702001	Rough-end	30799998	Other Not Classified
30700701	General: Not Classified	30702002	Machine Room	30799999	See Comment **
30700710	Sawing	30702003	Sanding	<b><u>3-08 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</u></b>	
30700716	Poplar Wood Fired Veneer Dryer	30702004	Wood Hog	<b><u>3-08-001 Tire Manufacture</u></b>	
30700717	Gas Veneer Dryer: Pines	30702098	Other Not Classified	30800111	Compounding
30700718	Steam Veneer Dryer: Pines	30702099	Other Not Classified	30800112	Milling
30700720	Veneer Dryer: Steam Heated: Redr	<b><u>3-07-030 Miscellaneous Wood Working Operations</u></b>		30800113	Tread Extruder
30700725	Veneer Cutting	30703096	Sanding/Planning Operations: Specify	30800114	Sidewall Extruder
30700727	Veneer Laying and Glue Spreading	30703097	Sanding/Planning Operations: Specify	30800115	Calendering
30700730	Wood Steaming	30703098	Sanding/Planning Operations: Specify	30800116	Latex Dipping
30700798	Other Not Classified	30703099	Sanding/Planning Operations: Specify	30800117	Finishing
30700799	Other Not Classified	<b><u>3-07-040 Bulk Handling and Storage - Wood/Bark</u></b>		30800124	Head Swabbing
<b><u>3-07-008 Sawmill Operations</u></b>		30704001	Storage Bins	30800125	Tire Building
30700820	Chipping and Screening	30704002	Stockpiles	30800126	Tire Curing
30700821	Chip Storage Piles	30704003	Unloading	30800127	Compounding
30700822	Chip Transfer/Conveying	30704004	Loading	30800128	Milling
30700895	Log Storage	30704005	Conveyors	30800129	Tread Extruder
30700896	Other Not Classified	<b><u>3-07-888 Fugitive Emissions</u></b>		30800130	Sidewall Extruder
30700897	Other Not Classified	30788801	Specify in Comments Field	30800131	Calendering
30700898	Other Not Classified	30788802	Specify in Comments Field	30800132	Latex Dipping
30700899	Other Not Classified	30788803	Specify in Comments Field	30800133	Finishing
		30788804	Specify in Comments Field	30800197	Other Not Classified
		30788805	Specify in Comments Field	30800198	Other Not Classified

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description	
<u>3-08-001 Tire Manufacture</u>		<u>3-08-050 Vinyl Floor Tile Manufacturing</u>		<u>3-09-002 Abrasive Blasting of Metal Parts</u>		
30800199	Other Not Classified	30805006	Mixer	30900298	General	
<u>3-08-006 Other Fabricated Plastics</u>		30805007	Mill	<u>3-09-005 Welding</u>		
30800699	Other Not Classified	30805008	Blender	30900500	General	
<u>3-08-007 Fiberglass Resin Products</u>		30805009	Conveyors	30900501	Arc Welding: General ** (See 3-09-050)	
30800720	General	30805010	Scrap Chopper	30900502	Oxyfuel Welding: General ** (See 3-09-044)	
30800721	Gel Coat: Roll On	30805011	Adhesive Applicator	<u>3-09-010 Electroplating Operations</u>		
30800722	Gel Coat: Spray On	30805012	Limestone Purge	30901002	Entire Process: General	
30800723	Resin: General: Roll On	30805013	Scrap Discharging	30901003	Entire Process: Nickel	
30800724	Resin: General: Spray On	30805014	PVC Unloading	30901004	Entire Process: Copper	
30800799	Other Not Classified	30805015	PVC Storage	30901005	Entire Process: Zinc	
<u>3-08-008 Plastic Foam Products</u>		30805016	PVC Surge Bins	30901006	Entire Process: Chrome	
30800801	Expansion Process via Steam	30805017	Limestone Storage	30901007	Entire Process: Cadmium	
30800802	Molding	30805018	Limestone Elevators	30901097	Other Not Classified	
30800803	Bead Storage	30805019	Unloading Operation, Limestone	30901098	Other Not Classified	
<u>3-08-009 Plastic Miscellaneous Products</u>		30805099	Unspecified	30901099	See Comment **	
30800901	Polystyrene: General	<u>3-08-800 Equipment Leaks</u>		<u>3-09-011 Conversion Coating of Metal Products</u>		
<u>3-08-010 Plastic Products Manufacturing</u>		30880001	Equipment Leaks	30901102	Acid Cleaning Bath (Pickling)	
30801001	Adhesives Production: General Process	<u>3-08-820 Wastewater, Aggregate</u>		30901199	Other Not Classified	
30801002	Extruder	30882001	Process Area Drains	<u>3-09-012 Precious Metals Recovery</u>		
30801003	Film Production, Die (Flat/Circular)	30882002	Process Equipment Drains	30901201	Reclamation Furnace	
30801004	Sheet Production, Polymerizer	<u>3-08-825 Wastewater, Points of Generation</u>		30901202	Crucible Furnace	
30801005	Foam Production - General Process	30882599	Specify Point of Generation	30901203	Size Reduction	
30801006	Lamination, Kettles/Oven	<u>3-08-900 Process Heaters</u>		30901204	Reactor	
30801007	Molding Machine	30890004	Liquified Petroleum Gas (LPG)	30901205	Drying	
30801008	Sheet Production, Calendaring	<u>3-08-999 Other Not Specified</u>		<u>3-09-015 Chemical Milling of Metal Products</u>		
<u>3-08-050 Vinyl Floor Tile Manufacturing</u>		30899999	Other Not Classified	30901501	Milling Tank	
30805001	Tile Chip Bin Tipper	<b><u>3-09 FABRICATED METAL PRODUCTS</u></b>			<u>3-09-016 Metal Pipe Coating of Metal Parts</u>	
30805002	Tile Chip Receiving Hopper	<u>3-09-001 General Processes</u>			30901602	Pipe Spinning
30805003	Tile Chip Belt Conveyors	30900198	Other Not Classified	30901603	Pipe Wrapping	
30805004	Scrap Hopper	30900199	Other Not Classified	30901604	Coal Tar/Asphalt Melting Kettle	
30805005	Weigh Scales.			30901610	Raw Material Storage: Asphalt	

<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
<u>3-10-001 Crude Oil Production</u>		<u>3-10-003 Natural Gas Processing Facilities</u>		<u>3-11-002 Demolitions/Special Trade Contracts</u>	
	Separation): Flashing Loss	31000305	Gas Sweetening: Amine Process	31100201	Mechanical or Explosive Dismemberment
31000140	Waste Sumps: Primary Light Crude	31000306	Process Valves	31100202	Mechanical or Explosive Dismemberment
31000141	Waste Sumps: Primary Heavy Crude	31000307	Relief Valves	31100203	Debris Loading
31000142	Waste Sumps: Secondary Light Crude	31000308	Open-ended Lines	31100204	Debris Loading
31000143	Waste Sumps: Secondary Heavy Crude	31000309	Compressor Seals	31100205	On-site Truck Traffic
31000144	Waste Sumps: Tertiary Light Crude	31000310	Pump Seals	31100206	On-site Truck Traffic
31000145	Waste Sumps: Tertiary Heavy Crude	31000311	Ranges and Connections	31100299	Other Not Classified: Construction/Demolition
31000146	Gathering Lines	<u>3-10-004 Process Heaters</u>		<u>3-12 MACHINERY, MISCELLANEOUS</u>	
31000160	Flares	31000406	Propane/Butane	<u>3-12-999 Miscellaneous Machinery</u>	
31000199	Processing Operations: Not Classified	<u>3-10-005 Liquid Waste Treatment</u>		31299999 Other Not Classified	
<u>3-10-002 Natural Gas Production</u>		31000501	Flotation Units	<u>3-13 ELECTRICAL EQUIPMENT</u>	
31000207	Valves: Fugitive Emissions	31000502	Liquid - Liquid Separator	<u>3-13-010 Light Bulb Manufacture</u>	
31000208	Sulfur Recovery Unit	31000503	Oil-Water Separator	31301001 Light Bulb Glass to Socket Base Lubrication with SO2	
31000221	Site Preparation	31000504	Oil-Sludge-Waste Water Pit	<u>3-13-030 Manufacturing - General</u>	
31000222	Drilling and Well Completion	31000505	Sand Filter Operation	31303001	Circuit Board Manufacturing
31000223	Relief Valves	31000506	Oil-Water Separation Wastewater Holding Tanks	31303061	Circuit Board Etching: Acid
31000224	Pump Seals	<u>3-10-888 Fugitive Emissions</u>		31303062	Circuit Board Etching: Alkaline
31000225	Compressor Seals	31088801	Specify in Comments Field	31303063	Circuit Board Etching: Plasma
31000226	Ranges and Connections	31088802	Specify in Comments Field	<u>3-13-035 Manufacturing - General Processes</u>	
31000227	Glycol Dehydrator Reboiler Still Stack	31088803	Specify in Comments Field	31303501	Soldering
31000228	Glycol Dehydrator Reboiler Burner	31088804	Specify in Comments Field	31303502	Cleaning
31000229	Gathering Lines	31088805	Specify in Comments Field	<u>3-13-065 Semiconductor Manufacturing</u>	
31000230	Hydrocarbon Skimmer	31088811	Fugitive Emissions	31306500	Integrated Circuit Manufacturing: General
31000231	Fugitives: Drains	<u>3-11 BUILDING CONSTRUCTION</u>		31306501	Cleaning Processes: Wet Chemical: Specify Aqueous Solution
31000299	Other Not Classified	<u>3-11-001 Construction: Building Contractors</u>		31306502	Cleaning Process: Plasma Process: Specify Gas Used
<u>3-10-003 Natural Gas Processing Facilities</u>		31100101	Site Preparation: Topsoil Removal	31306505	Photoresist Operations: General
31000301	Glycol Dehydrators: Reboiler Still Vent: Triethylene Glycol	31100102	Site Preparation: Earth Moving (Cut and Fill)	31306510	Chemical Vapor Deposition: General: Specify Gas Used
31000302	Glycol Dehydrators: Reboiler Burner Stack: Triethylene Glycol	31100103	Site Preparation: Aggregate Hauling (On Dirt)	31306520	Diffusion Process: Deposition Operation: Specify Gas Used
31000303	Glycol Dehydrators: Phase Separator Vent: Triethylene Glycol	31100199	Other Not Classified		
31000304	Glycol Dehydrators: Ethylene Glycol: General				

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<b><u>3-09-016 Metal Pipe Coating of Metal Parts</u></b>					
30901611	Raw Material Storage: Coal Tar				
30901699	Other Not Classified				
<b><u>3-09-020 Other Not Classified</u></b>					
30902099	See Comment **				
<b><u>3-09-030 Machining Operations</u></b>					
30903005	Sawing: Specify Material in Comments				
30903006	Honing: Specify Material in Comments				
30903007	Lubrication: Specify Material				
30903008	Plasma Torch				
30903010	Stamping and Drawing (Auto Body Parts)				
30903099	See Comment **				
<b><u>3-09-040 Metal Deposition Processes</u></b>					
30904030	Timing: Batch Process				
<b><u>3-09-041 Resistance Welding</u></b>					
30904100	General				
<b><u>3-09-042 Brazing</u></b>					
30904200	General				
<b><u>3-09-043 Soldering</u></b>					
30904300	General				
<b><u>3-09-044 Oxyfuel Welding</u></b>					
30904400	General				
<b><u>3-09-045 Thermal Spraying</u></b>					
30904500	General				
<b><u>3-09-046 Oxyfuel Cutting</u></b>					
30904600	General				
<b><u>3-09-047 Arc Cutting</u></b>					
30904700	General				
<b><u>3-09-050 Arc Welding: General: Consumable and Non-consumable Electrode</u></b>					
30905000	Consumable and Non-consumable Electrode				
<b><u>3-09-051 Shielded Metal Arc Welding (SMAW)</u></b>					
30905100	General				
<b><u>3-09-052 Gas Metal Arc Welding (GMAW)</u></b>					
30905200	General				
<b><u>3-09-053 Flux Cored Arc Welding (FCAW)</u></b>					
30905300	General				
<b><u>3-09-054 Submerged Arc Welding (SAW)</u></b>					
30905400	General				
<b><u>3-09-055 Electrogas Welding (EGW)</u></b>					
30905500	General				
<b><u>3-09-056 Electroslag Welding (ESW)</u></b>					
30905600	General				
<b><u>3-09-058 Gas Tungsten Arc Welding (GTAW)</u></b>					
30905800	General				
<b><u>3-09-059 Plasma Arc Welding (PAW)</u></b>					
30905900	General				
<b><u>3-09-060 Porcelain Enamel/Ceramic Glaze Spraying</u></b>					
30906001	Spray Booth				
30906002	Ceramic Glaze: Material Handling				
30906003	Ceramic Glaze: Solution Preparation				
30906004	Ceramic Glaze: Surface Preparation				
30906005	Ceramic Glaze: Plating				
30906006	Ceramic Glaze: Storage				
30906007	Ceramic Glaze: Drying				
30906099	Spray Booth				
<b><u>3-09-800 Equipment Leaks</u></b>					
30980001	Equipment Leaks				
<b><u>3-09-820 Wastewater, Aggregate</u></b>					
30982001	Process Area Drains				
30982002	Process Equipment Drains				
<b><u>3-09-825 Wastewater, Points of Generation</u></b>					
30982599	Specify Point of Generation				
<b><u>3-09-888 Fugitive Emissions</u></b>					
30988801	Specify in Comments Field				
30988802	Specify in Comments Field				
30988803	Specify in Comments Field				
30988804	Specify in Comments Field				
30988805	Specify in Comments Field				
30988806	Other Not Classified				
<b><u>3-09-999 Other Not Classified</u></b>					
30999997	Other Not Classified				
30999998	Other Not Classified				
30999999	Other Not Classified				
<b><u>3-10 OIL AND GAS PRODUCTION</u></b>					
<b><u>3-10-001 Crude Oil Production</u></b>					
31000106	Enhanced Wells, Water Reinjection				
31000107	Oil/Gas/Water/Separation				
31000108	Evaporation from Liquid Leaks into Oil Well Cellars				
31000121	Site Preparation				
31000122	Drilling and Well Completion				
31000123	Well Casing Vents				
31000124	Valves: General				
31000125	Relief Valves				
31000126	Pump Seals				
31000127	Ranges and Connections				
31000128	Oil Heating				
31000129	Gas/Liquid Separation				
31000130	Fugitives: Compressor Seals				
31000131	Fugitives: Drains				
31000132	Atmospheric Wash Tank (2nd Stage of Gas-Oil				

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<b><u>3-13-065 Semiconductor Manufacturing</u></b>		<b><u>3-14-015 Boat Manufacturing</u></b>		<b><u>3-14-999 Other Not Classified</u></b>	
31306530	Etching Process: Wet Chemical: Specify Aqueous Solution	31401515	Open Contact Molding: Resin/Laminate Application, Hand Layup, Spraying	31499999	Other Not Classified
31306531	Etching Process: Plasma/Reactive Ion: Specify Gas Used	31401516	Open Contact Molding: Resin/Laminate Application, Hand Layup, Brushing	<b><u>3-15 PHOTOGRAPHIC EQUIPMENT</u></b>	
31306599	Miscellaneous Operations: General: Specify Material	31401517	Open Contact Molding: Resin/Laminate Application, Spray Layup	<b><u>3-15-020 Health Care - Hospitals</u></b>	
<b><u>3-13-800 Equipment Leaks</u></b>		31401518	Open Contact Molding: Resin/Laminate Curing	31502002	Sterilization with Freon
31380001	Equipment Leaks	31401525	Resin Transfer Molding	31502003	Sterilization with Formaldehyde
<b><u>3-13-820 Wastewater, Aggregate</u></b>		31401530	Bag Molding: Resin/Lamination, Hand Layup	31502088	Laboratory Fugitive Emissions
31382001	Process Area Drains	31401531	Bag Molding: Resin/Lamination, Spray Layup	31502089	Miscellaneous Fugitive Emissions
31382002	Process Equipment Drains	31401540	Lamination: Preparation of Resin/Laminate	<b><u>3-15-030 Laboratories</u></b>	
<b><u>3-13-825 Wastewater, Points of Generation</u></b>		31401541	Lamination: Polyurethane Foams	31503001	Bench Scale Reagents: Research
31382599	Specify Point of Generation	31401541	Lamination: Polyurethane Foams	31503002	Bench Scale Reagents: Testing
<b><u>3-13-999 Other Not Classified</u></b>		31401550	Assembly Area	31503003	Bench Scale Reagents: Medical
31399999	Other Not Classified	31401551	Assembly Area: Sanding/Trimming of Laminated Parts	<b><u>3-15-031 X-rays</u></b>	
<b><u>3-14 TRANSPORTATION EQUIPMENT</u></b>		31401552	Assembly Area: Paint Spraying	31503101	Medical: General
<b><u>3-14-009 Automobiles/Truck Assembly Operations</u></b>		31401553	Assembly Area: Carpet Glues	31503102	Structural: General
31400902	Soldering Machine	31401560	Cleanup	<b><u>3-15-040 Commercial Swimming Pools - Chlorination-Chloroform</u></b>	
31400903	Stamping	31401561	Cleanup: Tools (Other than Spray Guns)	31504001	Chlorination: Chloroform
<b><u>3-14-012 Welding/Soldering Automotive Repair</u></b>		31401562	Cleanup: Spray Guns	<b><u>3-15-050 Air-conditioning/Refrigeration - Freons</u></b>	
31401201	Soldering	31401563	Cleanup: Molds	31505001	Cooling Fluid: Miscellaneous: Freons
<b><u>3-14-015 Boat Manufacturing</u></b>		31401570	Waste Disposal: Used Cleanup Solvents	31505002	Cooling Fluid: Miscellaneous: Ammonia
31401501	General	31401571	Waste Disposal: Stills	31505003	Cooling Fluid: Miscellaneous: Specify Fluid
31401503	Resin Storage	<b><u>3-14-800 Equipment Leaks</u></b>		<b><u>3-20 LEATHER AND LEATHER PRODUCTS</u></b>	
31401504	Resin Transfer	31480001	Equipment Leaks	<b><u>3-20-999 Other Not Classified</u></b>	
31401510	Molding and Lamination Operations	<b><u>3-14-820 Wastewater, Aggregate</u></b>		32099997	Other Not Classified
31401511	Open Contact Molding: Gel Coat Application, Hand Layup	31482001	Process Area Drains	32099999	Other Not Classified
31401512	Open Contact Molding: Gel Coat Application, Spray Layup	31482002	Process Equipment Drains	<b><u>3-30 TEXTILE PRODUCTS</u></b>	
31401513	Open Contact Molding: Gel Coat Curing	<b><u>3-14-825 Wastewater, Point of Generation</u></b>		<b><u>3-30-001 Miscellaneous</u></b>	
31401514	Open Contact Molding: Resin/Laminate Application, Machine Layup	31482599	Specify Point of Generation	33000106	Drying
				33000198	Other Not Classified
				33000199	Other Not Classified



SCC	SCC Description
<b><u>3-30-002 Rubberized Fabrics</u></b>	
33000201	General
33000202	Wet Coating: General **
33000203	Hot Melt Coating: General **
33000211	Impregnation
33000213	Hot Melt Coating
33000297	Other Not Classified
33000298	Other Not Classified
33000299	Other Not Classified
<b><u>3-30-003 Carpet Operations</u></b>	
33000301	Preparation/Processing
33000302	Printing/Dyeing
33000303	Basic Material Mixing
33000304	Shearing
33000305	Pile Erector
33000306	Heat Treating
33000307	Drying
33000399	Other Not Classified
<b><u>3-30-004 Fabric Finishing</u></b>	
33000499	Other Not Classified
<b><u>3-30-005 Fabric Finishing</u></b>	
33000599	Other Not Classified
<b><u>3-30-888 Fugitive Emissions</u></b>	
33088801	Specify in Comments Field
33088802	Specify in Comments Field
33088803	Specify in Comments Field
33088804	Specify in Comments Field
33088805	Specify in Comments Field
<b><u>3-85 COOLING TOWER</u></b>	

SCC	SCC Description
<b><u>3-85-001 Process Cooling</u></b>	
38500102	Natural Draft
38500110	Other Not Specified
<b><u>3-90 IN-PROCESS FUEL USE</u></b>	
<b><u>3-90-001 In-process Fuel Use</u></b>	
39000199	General
<b><u>3-90-002 In-process Fuel Use</u></b>	
39000201	Cement Kiln/Dryer (Bituminous Coal)
39000203	Lime Kiln (Bituminous)
39000299	General (Bituminous)
<b><u>3-90-003 In-process Fuel Use</u></b>	
39000399	General
<b><u>3-90-004 In-process Fuel Use</u></b>	
39000499	General
<b><u>3-90-005 In-process Fuel Use</u></b>	
39000598	General
39000599	General
<b><u>3-90-006 In-process Fuel Use</u></b>	
39000602	Cement Kiln/Dryer
39000603	Lime Kiln
39000699	General
<b><u>3-90-007 In-process Fuel Use</u></b>	
39000701	Coke Oven or Blast Furnace
39000702	Coke Oven Gas
39000797	General
39000798	General
39000799	General
<b><u>3-90-008 In-process Fuel Use</u></b>	
39000899	General: Coke

SCC	SCC Description
<b><u>3-90-009 In-process Fuel Use</u></b>	
39000999	General: Wood
<b><u>3-90-010 In-process Fuel Use</u></b>	
39001099	General
<b><u>3-90-012 In-process Fuel Use</u></b>	
39001289	Solid Waste: General
39001299	General
<b><u>3-90-013 In-process Fuel Use</u></b>	
39001385	Recovered Solvent: General
<b><u>3-90-900 Fuel Storage - Fixed Roof Tanks</u></b>	
39090001	Residual Oil: Breathing Loss
39090002	Residual Oil: Working Loss
39090003	Distillate Oil (No. 2): Breathing Loss
39090004	Distillate Oil (No. 2): Working Loss
39090005	Oil No. 6: Breathing Loss
39090006	Oil No. 6: Working Loss
39090007	Methanol: Breathing Loss
39090008	Methanol: Working Loss
39090009	Residual Oil/Crude Oil: Breathing Loss
39090010	Residual Oil/Crude Oil: Working Loss
39090011	Dual Fuel (Gas/Oil): Breathing Loss
39090012	Dual Fuel (Gas/Oil): Working Loss
<b><u>3-90-910 Fuel Storage - Floating Roof Tanks</u></b>	
39091001	Residual Oil: Standing Loss
39091002	Residual Oil: Withdrawal Loss
39091003	Distillate Oil (No. 2): Standing Loss
39091004	Distillate Oil (No. 2): Withdrawal Loss
39091005	Oil No. 6: Standing Loss
39091006	Oil No. 6: Withdrawal Loss
39091007	Methanol: Standing Loss
39091008	Methanol: Withdrawal Loss
39091009	Residual Oil/Crude Oil: Standing Loss
39091010	Residual Oil/Crude Oil: Withdrawal Loss

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<b><u>3-90-910 Fuel Storage - Floating Roof Tanks</u></b>		<b><u>3-99-900 Miscellaneous Manufacturing Industries</u></b>		<b><u>4-01-005 Solvent Storage</u></b>	
39091011	Dual Fuel (Gas/Oil): Standing Loss	39990021	Distillate Oil (No. 2 Oil)	40100501	General Processes: Spent Solvent Storage
39091012	Dual Fuel (Gas/Oil): Withdrawal Loss	39990022	Residual Oil	40100550	General Processes: Drum Storage - Pure Organic Chemicals
<b><u>3-90-920 Fuel Storage - Pressure Tanks</u></b>		<b><u>3-99-999 Miscellaneous Industrial Processes</u></b>		<b><u>4-01-888 Fugitive Emissions</u></b>	
39092050	Natural Gas: Withdrawal Loss	39999989	Other Not Classified	40188801	Specify in Comments Field
39092051	LPG: Withdrawal Loss	39999991	Other Not Classified	40188802	Specify in Comments Field
39092052	Landfill Gas: Withdrawal Loss	39999992	Other Not Classified	40188803	Specify in Comments Field
39092053	Refinery Gas: Withdrawal Loss	39999993	Other Not Classified	40188804	Specify in Comments Field
39092054	Digester Gas: Withdrawal Loss	39999994	Other Not Classified	40188805	Specify in Comments Field
39092055	Process Gas: Withdrawal Loss	39999995	Other Not Classified	40188898	Specify in Comments Field
39092056	Dual Fuel (Gas/Oil): Withdrawal Loss	39999996	Other Not Classified	<b><u>4-02 SURFACE COATING OPERATIONS</u></b>	
<b><u>3-99 MISCELLANEOUS MANUFACTURING INDUSTRIES</u></b>		39999998	Other Not Classified	<b><u>4-02-007 Surface Coating Application - General</u></b>	
<b><u>3-99-005 Process Heater/Furnace</u></b>		39999999	See Comment **	40200711	Adhesive: Spray
39900501	Distillate Oil	<b><u>4 PETROLEUM AND SOLVENT EVAPORATION</u></b>		40200712	Adhesive: Roll-on
<b><u>3-99-006 Process Heater/Furnace</u></b>		<b><u>4-01 ORGANIC SOLVENT EVAPORATION</u></b>		<b><u>4-02-008 Coating Oven - General</u></b>	
39900601	Natural Gas	<b><u>4-01-001 Dry Cleaning</u></b>		40200801	General
<b><u>3-99-007 Process Heater/Furnace</u></b>		40100107	Ethylene Oxide: General	40200810	General
39900701	Process Gas	40100146	Stoddard: Filtr Disp/Cooked Muck (Drained)**(Use 4-10-001-61 or 002-61)	40200820	Prime/Base Coat Oven
39900711	Refinery Gas	40100147	Stoddard: Filtr Disp/Cooked Muck (Centrif)**(Use 4-10-001-62 or 002-62)	40200830	Topcoat Oven
39900721	Digester Gas	40100160	Trichlorofluoroethane: Washer/Dryer/Still	40200840	Two Piece Can Curing Ovens: General (Includes Codes 41, 42, and 43)
<b><u>3-99-008 Process Heater/Furnace</u></b>		40100161	Trichlorofluoroethane: Cartridge Filter Disposal	40200841	Two Piece Can Base Coat Oven
39900801	Landfill Gas	40100162	Trichlorofluoroethane: Still Residue Disposal	40200842	Two Piece Can Over Varnish Oven
<b><u>3-99-010 Process Heater/Furnace</u></b>		40100163	Trichlorofluoroethane: Miscellaneous Fugitive	40200843	Two Piece Can Interior Body Coat Oven
39901001	LPG	40100199	See Comment **	40200845	Three Piece Can Curing Ovens (Includes Codes 46, 47, 48, and 49)
<b><u>3-99-016 Process Heater/Furnace</u></b>		<b><u>4-01-003 Cold Solvent Cleaning/Stripping</u></b>		40200846	Three Piece Can Sheet Base Coat (Interior) Oven
39901601	Methanol	40100311	Glycol Ethers	40200847	Three Piece Can Sheet Base Coat (Exterior) Oven
<b><u>3-99-017 Process Heater/Furnace</u></b>		40100398	Other Not Classified	40200848	Three Piece Can Sheet Lithographic Coating Oven
39901701	Gasoline			40200849	Three Piece Can Interior Body Coat Oven
				40200855	Filler Oven
				40200856	Sealer Oven

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>4-02-008 Coating Oven - General</u>		<u>4-02-018 Metal Coil Coating</u>		<u>4-02-022 Plastic Parts</u>	
40200861	Single Coat Application: Oven	40201802	Cleaning/Pretreatment	40202210	Business: High Solids Solvent-borne Coating (40% Efficiency)
40200870	Color Coat Oven	40201807	Coating Storage	40202211	Business: Water-borne Coating
40200871	Topcoat/Texture Coat Oven	<u>4-02-020 Metal Furniture Operations</u>		40202212	Business: Low Solids Solvent-borne EMI/RFI Shielding Coating
40200872	EMI/RFI Shielding Coat Oven	40202010	Prime Coat Application	40202213	Business: Higher Solids Solvent-borne EMI/RFI Shielding Coating
40200898	General	40202011	Prime Coat Application: Spray, High Solids	40202214	Business: Water-borne EMI/RFI Shielding Coating
<u>4-02-011 Fabric Coating/Printing</u>		40202012	Prime Coat Application: Spray, Water-borne	40202215	Business: Zinc Arc Spray
40201121	Fabric Print:Dryer: Steam Coil (Also See New Codes Under 4-02-040-XX)	40202013	Prime Coat Application: Dip	40202220	Prime Coat Application
40201122	Fabric Print:Dryer: Fuel-fired (Also See New Codes Under 4-02-040-XX)	40202014	Prime Coat Application: Flow Coat	40202229	Prime Coat Flashoff
40201197	Misc. Fugitives: Specify in Comments (Also New Codes 4-02-040-XX)	40202015	Prime Coat Application: Flashoff	40202230	Color Coat Application
40201198	Misc. Fugitives: Specify in Comments (Also New Codes 4-02-040-XX)	40202020	Topcoat Application	40202239	Color Coat Flashoff
<u>4-02-013 Paper Coating</u>		40202021	Topcoat Application: Spray, High Solids	40202240	Topcoat/Texture Coat Application
40201310	Coating Application: Knife Coater	40202022	Topcoat Application: Spray, Water-borne	40202249	Topcoat/Texture Coat Flashoff
40201320	Coating Application: Reverse Roll Coater	40202023	Topcoat Application: Dip	40202250	EMI/RFI Shielding Coat Application
40201330	Coating Application: Rotogravure Printer	40202024	Topcoat Application: Flow Coat	40202259	EMI/RFI Shielding Coat Flashoff
<u>4-02-014 Large Appliances</u>		40202025	Topcoat Application: Flashoff	40202270	Sanding/Grit Blasting Prior to EMI/RFI Shielding Coat Application
40201410	Prime Coat Flashoff	40202035	Single Coat Application: Spray, High Solids	40202280	Maskant Application
40201411	Topcoat Flashoff	40202036	Single Coat Application: Spray, Water-borne	<u>4-02-025 Miscellaneous Metal Parts</u>	
<u>4-02-016 Automobiles and Light Trucks</u>		40202037	Single Coat Application: Dip	40202510	Prime Coat Application
40201607	Sealers	40202038	Single Coat Application: Flow Coat	40202511	Prime Coat Application: Spray, High Solids
40201608	Deadeners	40202039	Single Coat Application: Flashoff	40202512	Prime Coat Application: Spray, Water-borne
40201609	Anti-corrosion Priming	<u>4-02-021 Flatwood Products</u>		40202515	Prime Coat Application: Flashoff
<u>4-02-017 Metal Can Coating</u>		40202110	Grove Coat Application	40202520	Topcoat Application
40201706	Solvent Storage	40202111	Stain Application	40202521	Topcoat Application: Spray, High Solids
40201729	Exterior End Coating	40202117	Filler Sander	40202522	Topcoat Application: Spray, Water-borne
40201737	Three Piece Can End Sealing Compound	40202118	Scaler Sander	40202523	Topcoat Application: Dip
40201738	Two Piece Can Lithographic Coating Line	40202140	Surface Preparation (Includes Tempering, Sanding, Brushing, Grove Cut)	40202524	Topcoat Application: Flow Coat
40201739	Three Piece Can Coating Line (All Coating Solvent Emission Points)	<u>4-02-022 Plastic Parts</u>		40202525	Topcoat Application: Flashoff
		40202206	Business: Baseline Coating Mix	40202542	Single Coat Application: Spray, High Solids
		40202207	Business: Low Solids Solvent-borne Coating	40202543	Single Coat Application: Spray, Water-borne
		40202208	Business: Medium Solids Solvent-borne Coating		
		40202209	Business: High Solids Coating (25% Efficiency)		

SCC	SCC Description
<u>4-02-025 Miscellaneous Metal Parts</u>	
40202544	Single Coat Application: Dip
40202545	Single Coat Application: Flow Coat
40202546	Single Coat Application: Flashoff
<u>4-02-026 Steel Drums</u>	
40202699	Specify in Comments Field
<u>4-02-027 Glass Mirrors</u>	
40202701	Mirror Backing: Coating Operation
40202710	Mirror Backing: Coating Operation
<u>4-02-030 Semiconductors</u>	
40203001	Specify Solvent
<u>4-02-040 Fabric Printing</u>	
40204001	Roller: Print Paste
40204002	Roller: Application
40204003	Roller: Transfer
40204004	Roller: Steam Cans/Drying
40204010	Rotary Screen: Print Paste
40204011	Rotary Screen: Application
40204012	Rotary Screen: Transfer
40204013	Rotary Screen: Drying/Curing
40204020	Flat Screen: Print Paste
40204021	Flat Screen: Application
40204022	Flat Screen: Transfer
40204023	Flat Screen: Drying/Curing
<u>4-02-041 Fabric Coating, Knife Coating</u>	
40204121	Mixing Tanks
40204130	Coating Application
40204140	Drying/Curing
40204150	Cleanup
40204151	Cleanup: Coating Application Equipment
40204152	Cleanup: Empty Coating Drums
40204160	Waste
40204161	Waste: Cleaning Rags

SCC	SCC Description
<u>4-02-041 Fabric Coating, Knife Coating</u>	
40204162	Waste: Waste Ink Disposal
<u>4-02-042 Fabric Coating, Roller Coating</u>	
40204221	Mixing Tanks
40204230	Coating Application
40204240	Drying/Curing
40204250	Cleanup
40204251	Cleanup: Coating Application Equipment
40204252	Cleanup: Empty Coating Drums
40204260	Waste
40204261	Waste: Cleaning Rags
40204262	Waste: Waste Ink Disposal
<u>4-02-043 Fabric Coating, Dip Coating</u>	
40204321	Mixing Tanks
40204330	Coating Application
40204340	Drying/Curing
40204350	Cleanup
40204351	Cleanup: Coating Application Equipment
40204352	Cleanup: Empty Coating Drums
40204360	Waste
40204361	Waste: Cleaning Rags
40204362	Waste: Waste Ink Disposal
<u>4-02-044 Fabric Coating, Transfer Coating</u>	
40204421	Mixing Tanks
40204430	Coating Application
40204431	Coating Application: First Roll Applicator
40204432	Coating Application: Second Roll Applicator
40204435	Lamination: Laminating Device
40204440	Drying/Curing
40204441	Drying/Curing: First Predrier
40204442	Drying/Curing: Second Predrier
40204443	Drying/Curing: Main Drying Tunnel
40204450	Cooler

SCC	SCC Description
<u>4-02-044 Fabric Coating, Transfer Coating</u>	
40204455	Winding
40204460	Cleanup
40204461	Cleanup: Coating Application Equipment
40204462	Cleanup: Empty Coating Drums
40204470	Waste
40204471	Waste: Cleaning Rags
40204472	Waste: Waste Ink Disposal
<u>4-02-045 Fabric Coating, Extrusion Coating</u>	
40204521	Mixing Tanks
40204530	Coating Application
40204531	Coating Application: Extruder
40204532	Coating Application: Coating Die
40204550	Cooling Cylinder
40204555	Winding
40204560	Cleanup
40204561	Cleanup: Coating Application Equipment
40204562	Cleanup: Empty Coating Drums
40204570	Waste
40204571	Waste: Cleaning Rags
40204572	Waste: Waste Ink Disposal
<u>4-02-046 Fabric Coating, Melt Roll Coating</u>	
40204621	Mixing Tanks
40204630	Coating Application
40204631	Coating Application: Calendar Rolls
40204632	Coating Application: Pick Up Roll
40204650	Cooling Rolls
40204655	Winding
40204660	Cleanup
40204661	Cleanup: Coating Application Equipment
40204662	Cleanup: Empty Coating Drums
40204670	Waste
40204671	Waste: Cleaning Rags

<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
<u>4-02-046 Fabric Coating, Melt Roll Coating</u>		<u>4-02-888 Fugitive Emissions</u>		<u>4-03-010 Fixed Roof Tanks (Varying Sizes)</u>	
40204672	Waste: Waste Ink Disposal	40288801	Specify in Comments Field	40301029	Grade 1 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)
<u>4-02-047 Fabric Coating, Coagulation Coating</u>		40288802	Specify in Comments Field	40301065	Grade 6 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)
40204721	Mixing Tanks	40288803	Specify in Comments Field	40301066	Grade 5 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)
40204730	Coating Application	40288804	Specify in Comments Field	40301067	Grade 4 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)
40204735	Coagulation Baths and Solvent Separation	40288805	Specify in Comments Field	40301068	Grade 2 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)
40204740	Solvent Recovery	40288821	Basecoat	40301069	Grade 1 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)
40204750	Drying	40288822	Coating	40301075	Grade 6 Fuel Oil: Working Loss (Independent Tank Diameter)
40204755	Winding	40288823	Clearcoat Coat	40301076	Grade 5 Fuel Oil: Working Loss (Independent Tank Diameter)
40204760	Cleanup	40288824	Clean-up	40301077	Grade 4 Fuel Oil: Working Loss (Independent Tank Diameter)
40204761	Cleanup: Coating Application Equipment	<u>4-02-900 Fuel Fired Equipment</u>		40301078	Grade 2 Fuel Oil: Working Loss (Independent Tank Diameter)
40204762	Cleanup: Empty Coating Drums	40290011	Distillate Oil: Incinerator/Afterburner	40301079	Grade 1 Fuel Oil: Working Loss (Independent Tank Diameter)
40204770	Waste	40290012	Residual Oil: Incinerator/Afterburner	<u>4-03-011 Floating Roof Tanks (Varying Sizes)</u>	
40204771	Waste: Cleaning Rags	40290013	Natural Gas: Incinerator/Afterburner	40301125	Grade 6 Fuel Oil: Standing Loss (67000 Bbl. Tank Size)
40204772	Waste: Waste Ink Disposal	<u>4-02-999 Miscellaneous</u>		40301126	Grade 5 Fuel Oil: Standing Loss (67000 Bbl. Tank Size)
<u>4-02-060 Fabric Dyeing</u>		40299995	Specify in Comments Field	40301127	Grade 4 Fuel Oil: Standing Loss (67000 Bbl. Tank Size)
40206010	Dye Preparation	40299996	Specify in Comments Field	40301128	Grade 2 Fuel Oil: Stand Loss (67000 Bbl. Tank Size) ** (Use 4-03-011-15)
40206030	Dye Application	40299997	Specify in Comments Field	40301129	Grade 1 Fuel Oil: Standing Loss (67000 Bbl. Tank Size)
40206031	Dye Application: Beam	40299998	Specify in Comments Field	40301165	Grade 6 Fuel Oil: Standing Loss (250000 Bbl. Tank Size)
40206032	Dye Application: Beck	<u>4-03 PETROLEUM PRODUCT STORAGE AT REFINERIES</u>			
40206033	Dye Application: Jig	<u>4-03-010 Fixed Roof Tanks (Varying Sizes)</u>			
40206034	Dye Application: Jet	40301022	Asphalt Oil: Breathing Loss (67000 Bbl. Tank Size)		
40206035	Dye Application: Continuous	40301023	Asphalt Oil: Working Loss		
40206050	Waste	40301024	Asphalt Oil: Breathing Loss (250000 Bbl. Tank Size)		
<u>4-02-800 Equipment Leaks</u>		40301025	Grade 6 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)		
40280001	Equipment Leaks	40301026	Grade 5 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)		
<u>4-02-820 Wastewater, Aggregate</u>		40301027	Grade 4 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)		
40282001	Process Area Drains	40301028	Grade 2 Fuel Oil: Breathing Loss (67000 Bbl. Tank Size)		
40282002	Process Equipment Drains				
<u>4-02-825 Wastewater, Points of Generation</u>					
40282501	Printing Blanket, Rotary Screen				
40282599	Specify Point of Generation				

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<b><u>4-03-011 Floating Roof Tanks (Varying Sizes)</u></b>		<b><u>4-04-001 Bulk Terminals</u></b>		<b><u>4-04-001 Bulk Terminals</u></b>	
40301166	Grade 5 Fuel Oil: Standing Loss (250000 Bbl. Tank Size)	40400121	Diesel Fuel: Standing Loss (Diameter Independent) - Fixed Roof Tank	40400171	Gasoline RVP 13: Standing Loss - Int. Floating Roof w/ Secondary Seal
40301167	Grade 4 Fuel Oil: Standing Loss (250000 Bbl. Tank Size)	40400122	Diesel Fuel: Working Loss (Diameter Independent) - Fixed Roof Tank	40400172	Gasoline RVP 10: Standing Loss - Int. Floating Roof w/ Secondary Seal
40301168	Grd 2 Fuel Oil: Stand. Loss (250000 Bbl Tank Size)**(Use 4-03-011-16)	40400130	Specify Liquid: Standing Loss - External Floating Roof w/ Primary Seal	40400173	Gasoline RVP 7: Standing Loss - Int. Floating Roof w/ Secondary Seal
40301169	Grade 1 Fuel Oil: Standing Loss (250000 Bbl. Tank Size)	40400131	Gasoline RVP 13: Standing Loss - Ext. Floating Roof w/ Primary Seal	40400178	Gasoline RVP 13/10/7: Withdrawal Loss - Int. Float Roof (Pri/Sec Seal)
40301175	Grade 6 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	40400132	Gasoline RVP 10: Standing Loss - Ext. Floating Roof w/ Primary Seal	40400179	Specify Liquid: Internal Floating Roof (Primary/Secondary Seal)
40301176	Grade 5 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	40400133	Gasoline RVP 7: Standing Loss - External Floating Roof w/ Primary Seal	<b><u>4-04-002 Bulk Plants</u></b>	
40301177	Grade 4 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	40400140	Specify Liquid: Standing Loss - Ext. Float Roof Tank w/ Second'y Seal	40400230	Specify Liquid: Standing Loss - External Floating Roof w/ Primary Seal
40301178	Grade 2 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	40400141	Gasoline RVP 13: Standing Loss - Ext. Floating Roof w/ Secondary Seal	40400231	Gasoline RVP 13: Standing Loss - Ext. Floating Roof w/ Primary Seal
40301179	Grade 1 Fuel Oil: Withdrawal Loss (Independent Tank Diameter)	40400142	Gasoline RVP 10: Standing Loss - Ext. Floating Roof w/ Secondary Seal	40400232	Gasoline RVP 10: Standing Loss - Ext. Floating Roof w/ Primary Seal
40301180	Gasoline RVP 13: Withdrawal Loss (Independent Tank Diameter)	40400143	Gasoline RVP 7: Standing Loss - Ext. Floating Roof w/ Secondary Seal	40400233	Gasoline RVP 7: Standing Loss - External Floating Roof w/ Primary Seal
40301181	Gasoline RVP 10: Withdrawal Loss (Independent Tank Diameter)	40400148	Gasoline RVP 13/10/7: Withdrawal Loss - Ext. Float Roof (Pri/Sec Seal)	40400240	Specify Liquid: Standing Loss - Ext. Floating Roof w/ Secondary Seal
40301182	Gasoline RVP 7: Withdrawal Loss (Independent Tank Diameter)	40400149	Specify Liquid: External Floating Roof (Primary/Secondary Seal)	40400241	Gasoline RVP 13: Standing Loss - Ext. Floating Roof w/ Secondary Seal
<b><u>4-03-888 Fugitive Emissions</u></b>		40400150	Miscellaneous Losses/Leaks: Loading Racks	40400242	Gasoline RVP 10: Standing Loss - Ext. Floating Roof w/ Secondary Seal
40388801	Specify in Comments Field	40400160	Specify Liquid: Standing Loss - Internal Floating Roof w/ Primary Seal	40400243	Gasoline RVP 7: Standing Loss - Ext. Floating Roof w/ Secondary Seal
40388802	Specify in Comments Field	40400161	Gasoline RVP 13: Standing Loss - Int. Floating Roof w/ Primary Seal	40400248	Gasoline RVP 10/13/7: Withdrawal Loss - Ext. Float Roof (Pri/Sec Seal)
40388803	Specify in Comments Field	40400162	Gasoline RVP 10: Standing Loss - Int. Floating Roof w/ Primary Seal	40400249	Specify Liquid: External Floating Roof (Primary/Secondary Seal)
40388804	Specify in Comments Field	40400163	Gasoline RVP 7: Standing Loss - Internal Floating Roof w/ Primary Seal	40400252	Miscellaneous Losses/Leaks: Vapor Collection Losses
40388805	Specify in Comments Field	40400170	Specify Liquid: Standing Loss - Int. Floating Roof w/ Secondary Seal	40400253	Miscellaneous Losses/Leaks: Vapor Control Unit Losses
<b><u>4-04 BULK TERMINALS/PLANTS</u></b>					

<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
<u>4-04-002 Bulk Plants</u>		<u>4-05-003 General</u>		<u>4-06 TRANSPORTATION AND MARKETING OF PETROLEUM PRODUCTS</u>	
40400255	Loading Racks - Jet Fuel	40500318	Flexographic: Steam: Water-based in Ink	40600129	Asphalt: Splash Loading
40400260	Specify Liquid: Standing Loss - Internal Floating Roof w/ Primary Seal	40500319	Flexographic: Steam: Water-based Ink Storage	40600164	Crude Oil: Loaded with Product
40400261	Gasoline RVP 13: Standing Loss - Int. Floating Roof w/ Primary Seal	<u>4-05-004 General</u>		40600165	Crude Oil: Loaded with Vapor
40400262	Gasoline RVP 10: Standing Loss - Int. Floating Roof w/ Primary Seal	40500413	Lithographic: Isopropyl Alcohol Cleanup	40600166	Jet Fuel: Loaded with Product
40400263	Gasoline RVP 7: Standing Loss - Internal Floating Roof w/ Primary Seal	40500414	Flexographic: Propyl Alcohol Cleanup	40600167	Jet Fuel: Loaded with Vapor
40400270	Specify Liquid: Standing Loss - Int. Floating Roof w/ Secondary Seal	40500415	Offset Lithography: Dampening Solution with Alcohol Substitute	40600168	Kerosene: Loaded with Product
40400271	Gasoline RVP 13: Standing Loss - Int. Floating Roof w/ Secondary Seal	40500416	Offset Lithography: Dampening Solution with High Solvent Content	40600169	Kerosene: Loaded with Vapor
40400272	Gasoline RVP 10: Standing Loss - Int. Floating Roof w/ Secondary Seal	40500417	Offset Lithography: Cleaning Solution: Water-based	40600170	Distillate Oil: Loaded with Product
40400273	Gasoline RVP 7: Standing Loss - Int. Floating Roof w/ Secondary Seal	40500418	Offset Lithography: Dampening Solution with Isopropyl Alcohol	40600171	Distillate Oil: Loaded with Vapor
40400278	Gasoline RVP 10/13/7: Withdrawal Loss - Int. Float Roof (Pri/Sec Seal)	40500421	Offset Lithography: Heatset Ink Mixing	40600172	Transit Losses - LPG: Loaded with Fuel
40400279	Specify Liquid: Internal Floating Roof (Primary/Secondary Seal)	40500422	Offset Lithography: Heatset Solvent Storage	40600173	Transit Losses - LPG: Return with Vapor
<u>4-04-003 Oil Field Storage of Crude</u>		40500431	Offset Lithography: Nonheated Lithographic Inks	<u>4-06-002 Marine Vessels</u>	
40400306	External Floating Roof Tank: Withdrawal Loss	40500432	Offset Lithography: Nonheated Lithographic Inks	40600260	Gasoline: Barge Loading - Ballasted
40400307	Internal Floating Roof Tank: Withdrawal Loss	40500433	Offset Lithography: Nonheated Lithographic Inks	40600261	Gasoline: Tanker Ship - Uncleaned Tanks
<u>4-05 PRINTING/PUBLISHING</u>		<u>4-05-005 General</u>		<u>4-06-005 Pipeline Petroleum Transport - General - All Products</u>	
<u>4-05-001 Drying</u>		40500514	Gravure: Cleanup Solvent	40600501	Pipeline Leaks
40500199	Dryer	<u>4-05-008 General</u>		40600502	Pipeline Venting
<u>4-05-002 General</u>		40500801	Screen Printing	40600503	Pump Station
40500215	Letterpress: Cleaning Solution	40500802	Fugitive Emissions: Cleaning Rags	40600504	Pump Station Leaks
<u>4-05-003 General</u>		40500811	Screen Printing	<u>4-06-006 Consumer (Corporate) Fleet Refueling - Stage II</u>	
40500315	Flexographic: Steam: Water-based	40500812	Screen Printing	40600601	Vapor Loss w/o Controls
40500316	Flexographic: Steam: Water-based	<u>4-05-888 Fugitive Emissions</u>		40600602	Liquid Spill Loss w/o Controls
40500317	Flexographic: Steam: Water-based	40588801	Specify in Comments Field	40600603	Vapor Loss w/controls
		40588802	Specify in Comments Field	40600630	Asphalt: Splash Loading
		40588803	Specify in Comments Field	40600651	Diesel: Vapor Loss w/o Controls
		40588804	Specify in Comments Field	<u>4-06-007 Consumer (Corporate) Fleet Refueling - Stage I</u>	
		40588805	Specify in Comments Field	40600701	Splash Filling
				40600702	Submerged Filling w/o Controls
				40600706	Balanced Submerged Filling
				40600707	Underground Tank Breathing and Emptying

SCC	SCC Description
<u>4-06-888 Fugitive Emissions</u>	
40688801	Specify in Comments Field
40688802	Specify in Comments Field
40688803	Specify in Comments Field
40688804	Specify in Comments Field
40688805	Specify in Comments Field
<b><u>4-07 ORGANIC CHEMICAL STORAGE</u></b>	
<u>4-07-004 Fixed Roof Tanks - Acid Anhydrides</u>	
40700403	Maleic Anhydride: Breathing Loss
40700404	Maleic Anhydride: Working Loss
40700405	Phthalic Anhydride: Breathing Loss
40700406	Phthalic Anhydride: Working Loss
<u>4-07-008 Fixed Roof Tanks - Alcohols</u>	
40700819	Xylol: Breathing Loss
40700820	Xylol: Working Loss
<u>4-07-016 Fixed Roof Tanks - Alkanes (Paraffins)</u>	
40701615	Hexane: Breathing Loss
40701616	Hexane: Working Loss
<u>4-07-028 Fixed Roof Tanks - Amides</u>	
40702801	Dimethylformamide: Breathing Loss
40702802	Dimethylformamide: Working Loss
<u>4-07-032 Fixed Roof Tanks - Amines</u>	
40703207	Monoethanolamine: Breathing Loss
40703208	Monoethanolamine: Working Loss
40703209	Hexamine: Breathing Loss
40703210	Hexamine: Working Loss
40703211	Ethylenediamine: Breathing Loss
40703212	Ethylenediamine: Working Loss
<u>4-07-036 Fixed Roof Tanks - Aromatics</u>	
40703625	Creosote: Breathing Loss
40703626	Creosote: Working Loss

SCC	SCC Description
<u>4-07-040 Fixed Roof Tanks - Carboxylic Acids</u>	
40704011	Chloroacetic Acid: Breathing Loss
40704012	Chloroacetic Acid: Working Loss
40704099	Specify Acid: Breathing Loss
<u>4-07-044 Fixed Roof Tanks - Esters</u>	
40704421	n-Propyl Acetate: Breathing Loss
40704422	n-Propyl Acetate: Working Loss
40704423	i-Butyl-i-Butyrate: Breathing Loss
40704424	i-Butyl-i-Butyrate: Working Loss
40704425	Acrylic Esters: Breathing Loss
40704426	Acrylic Esters: Working Loss
<u>4-07-048 Fixed Roof Tanks - Ethers</u>	
40704805	1,4-Dioxane: Breathing Loss
40704806	1,4-Dioxane: Working Loss
<u>4-07-060 Fixed Roof Tanks - Halogenated Organics</u>	
40706027	1,1,1-Trichloroethane: Breathing Loss
40706028	1,1,1-Trichloroethane: Working Loss
40706029	Chlorosolve: Breathing Loss
40706030	Chlorosolve: Working Loss
40706031	Methyl Chloride: Breathing Loss
40706032	Methyl Chloride: Working Loss
40706033	Chloroform: Breathing Loss
40706034	Chloroform: Working Loss
40706035	Hexachlorobenzene: Breathing Loss
40706036	Hexachlorobenzene: Working Loss
<u>4-07-068 Fixed Roof Tanks - Ketones</u>	
40706803	Acetone: Breathing Loss
40706804	Acetone: Working Loss
40706805	Methyl Ethyl Ketone: Breathing Loss
40706806	Methyl Ethyl Ketone: Working Loss
40706807	Methyl Isobutyl Ketone: Breathing Loss
40706808	Methyl Isobutyl Ketone: Working Loss
40706813	Methylamyl Ketone: Breathing Loss

SCC	SCC Description
<u>4-07-068 Fixed Roof Tanks - Ketones</u>	
40706814	Methylamyl Ketone: Working Loss
<u>4-07-072 Fixed Roof Tanks - Mercaptans</u>	
40707203	Perchloromethyl Mercaptan: Breathing Loss
40707204	Perchloromethyl Mercaptan: Working Loss
<u>4-07-076 Fixed Roof Tanks - Nitriles</u>	
40707603	Acetonitrile: Breathing Loss
40707604	Acetonitrile: Working Loss
<u>4-07-084 Fixed Roof Tanks - Phenols</u>	
40708405	2,4-Dichlorophenol: Breathing Loss
40708406	2,4-Dichlorophenol: Working Loss
<u>4-07-146 Fixed Roof Tanks - Miscellaneous</u>	
40714601	Carbon Disulfide: Breathing Loss
40714602	Carbon Disulfide: Working Loss
40714603	Dimethyl Sulfoxide: Breathing Loss
40714604	Dimethyl Sulfoxide: Working Loss
40714605	Tetrahydrofuran: Breathing Loss
40714606	Tetrahydrofuran: Working Loss
40714697	Specify In Comments: Breathing Loss
40714698	Specify In Comments: Working Loss
<u>4-07-154 Floating Roof Tanks - Acid Anhydrides</u>	
40715401	Acetic Acid Anhydride: Standing Loss
40715402	Acetic Acid Anhydride: Working Loss
40715403	Maleic Anhydride: Standing loss
40715404	Maleic Anhydride: Withdrawal Loss
40715405	Phthalic Anhydride: Standing Loss
40715406	Phthalic Anhydride: Withdrawal Loss
<u>4-07-158 Floating Roof Tanks - Alcohols</u>	
40715801	Methanol: Standing Loss
40715802	Methanol: Withdrawal Loss
40715809	Ethyl Alcohol: Standing Loss
40715810	Ethyl Alcohol: Working Loss



SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>4-07-158 Floating Roof Tanks - Alcohols</u>		<u>4-07-196 Floating Roof Tanks - Aromatics</u>		<u>4-07-208 Floating Roof Tanks - Ethers</u>	
40715811	Isopropanol: Standing Loss	40719614	Styrene: Withdrawal Loss	40720805	1,4-Dioxane: Standing Loss
40715812	Isopropanol: Working Loss	40719615	Toluene: Standing Loss	40720806	1,4-Dioxane: Withdrawal Loss
40715817	N-propyl Alcohol: Standing Loss	40719616	Toluene: Withdrawal Loss	<u>4-07-212 Floating Roof Tanks - Glycol Ethers</u>	
40715818	N-propyl Alcohol: Withdrawal Loss	40719619	o-Xylene: Breathing Loss	40721205	Carbitol: Standing Loss
40715819	Xylol: Standing Loss	40719620	o-Xylene: Working Loss	40721206	Carbitol: Withdrawal Loss
40715820	Xylol: Withdrawal Loss	40719621	p-Xylene: Standing Loss	40721207	Cellosolve: Standing Loss
<u>4-07-172 Floating Roof Tanks - Aldehydes</u>		40719622	p-Xylene: Withdrawal Loss	40721208	Cellosolve: Withdrawal Loss
40717201	Acetaldehyde: Standing Loss **	40719623	Xylenes: Standing Loss	40721217	Triethylene Glycol: Standing Loss
40717202	Acetaldehyde: Withdrawal Loss **	40719624	Xylenes: Withdrawal Loss	40721218	Triethylene Glycol: Withdrawal Loss
40717203	Acrolein: Standing Loss **	40719697	Specify Aromatic: Standing Loss	<u>4-07-216 Floating Roof Tanks - Glycols</u>	
40717204	Acrolein: Withdrawal Loss **	40719698	Specify Aromatic: Withdrawal Loss	40721603	Ethylene Glycol: Standing Loss
<u>4-07-176 Floating Roof Tanks - Alkanes (Paraffins)</u>		<u>4-07-200 Floating Roof Tanks - Carboxylic Acids</u>		40721604	Ethylene Glycol: Withdrawal Loss
40717611	Naphtha: Standing Loss	40720001	Acetic Acid: Standing Loss	<u>4-07-220 Floating Roof Tanks - Halogenated Organics</u>	
40717612	Naphtha: Withdrawal Loss	40720002	Acetic Acid: Withdrawal Loss	40722011	1,1,1-Trichloroethane: Standing Loss
40717613	Petroleum Distillates: Standing Loss	40720003	Acrylic Acid: Standing Loss	40722012	1,1,1-Trichloroethane: Withdrawal Loss
40717614	Petroleum Distillates: Withdrawal Loss	40720004	Acrylic Acid: Withdrawal Loss	40722021	Perchloroethylene: Standing Loss
<u>4-07-188 Floating Roof Tanks - Amides</u>		40720011	Chloroacetic Acid: Standing Loss	40722022	Perchloroethylene: Withdrawal Loss
40718801	Dimethylformamide: Standing Loss	40720012	Chloroacetic Acid: Withdrawal Loss	40722029	Chlorosolve: Standing Loss
40718802	Dimethylformamide: Withdrawal Loss	40720097	Specify Carboxylic Acid: Standing Loss	40722030	Chlorosolve: Withdrawal Loss
<u>4-07-192 Floating Roof Tanks - Amines</u>		40720098	Specify Carboxylic Acid: Withdrawal Loss	40722031	Methyl Chloride: Standing loss
40719201	Aniline: Standing Loss	<u>4-07-204 Floating Roof Tanks - Esters</u>		40722032	Methyl Chloride: Withdrawal Loss
40719202	Aniline: Withdrawal Loss	40720401	Butyl Acetate: Standing Loss	40722033	Chlorobenzene: Standing Loss
40719207	Monoethanolamine: Standing Loss	40720402	Butyl Acetate: Withdrawal Loss	40722034	Chlorobenzene: Withdrawal Loss
40719208	Monoethanolamine: Withdrawal Loss	40720405	Ethyl Acetate: Standing Loss	40722035	Hexachlorobenzene: Standing Loss
40719209	Hexamine: Standing Loss	40720406	Ethyl Acetate: Withdrawal Loss	40722036	Hexachlorobenzene: Withdrawal Loss
40719210	Hexamine: Withdrawal Loss	40720417	Methyl Methacrylate: Standing Loss	<u>4-07-228 Floating Roof Tanks - Ketones</u>	
40719211	Ethylenediamine: Standing Loss	40720418	Methyl Methacrylate: Withdrawal Loss	40722807	Cyclohexanone: Standing Loss
40719212	Ethylenediamine: Withdrawal Loss	40720419	Vinyl Acetate: Standing Loss	40722808	Cyclohexanone: Withdrawal Loss
<u>4-07-196 Floating Roof Tanks - Aromatics</u>		40720420	Vinyl Acetate: Withdrawal Loss	<u>4-07-232 Floating Roof Tanks - Mercaptans</u>	
40719601	Benzene: Standing Loss	40720425	Acrylic Esters: Standing Loss	40723203	Perchloromethyl Mercaptan: Standing Loss
40719602	Benzene: Withdrawal Loss	40720426	Acrylic Esters: Withdrawal Loss	40723204	Perchloromethyl Mercaptan: Withdrawal Loss
40719613	Styrene: Standing Loss				

SCC	SCC Description
<u>4-07-236 Floating Roof Tanks - Nitriles</u>	
40723601	Acrylonitrile: Standing Loss
40723602	Acrylonitrile: Withdrawal Loss
40723603	Acetonitrile: Standing Loss
40723604	Acetonitrile: Withdrawal Loss
<u>4-07-244 Floating Roof Tanks - Phenols</u>	
40724403	Phenol: Standing Loss
40724404	Phenol: Withdrawal Loss
40724405	2,4-Dichlorophenol: Standing Loss
40724406	2,4-Dichlorophenol: Withdrawal Loss
<u>4-07-296 Floating Roof Tanks - Miscellaneous</u>	
40729601	Carbon Disulfide: Standing Loss
40729602	Carbon Disulfide: Withdrawal Loss
40729603	Dimethyl Sulfoxide: Standing Loss
40729604	Dimethyl Sulfoxide: Withdrawal Loss
40729605	Tetrahydrofuran: Standing Loss
40729606	Tetrahydrofuran: Withdrawal Loss
40729697	Specify In Comments: Breathing Loss
40729698	Specify In Comments: Working Loss
<u>4-07-804 Pressure Tanks - Anhydrides</u>	
40780401	Acetic Anhydride: Withdrawal Loss
40780403	Maleic Anhydride: Withdrawal Loss
<u>4-07-808 Pressure Tanks - Alcohols</u>	
40780815	Methanol: Withdrawal Loss
40780819	Xylol: Withdrawal Loss
<u>4-07-820 Pressure Tanks - Alkenes (Olefins)</u>	
40782012	Vinylidene Chloride: Withdrawal Loss
<u>4-07-832 Pressure Tanks - Amines</u>	
40783204	Hexamine: Withdrawal Loss
40783205	Aniline: Withdrawal Loss

SCC	SCC Description
<u>4-07-836 Pressure Tanks - Aromatics</u>	
40783601	Benzene: Withdrawal Loss
40783621	p-Xylene: Withdrawal Loss
<u>4-07-860 Pressure Tanks - Halogenated Organics</u>	
40786005	Trichlorotrifluoroethane: Withdrawal Loss
40786006	Carbon Tetrachloride: Withdrawal Loss
40786019	Methylene Chloride: Withdrawal Loss
40786021	Perchloroethylene: Withdrawal Loss
40786023	Trichloroethylene: Withdrawal Loss
<u>4-07-868 Pressure Tanks - Ketones</u>	
40786801	Cyclohexanone: Withdrawal Loss
40786803	Acetone: Withdrawal Loss
40786805	Methyl Ethyl Ketone: Withdrawal Loss
<u>4-07-872 Pressure Tanks - Mercaptans (Thiols)</u>	
40787203	Perchloromethyl Mercaptan: Withdrawal Loss
<u>4-07-884 Pressure Tanks - Phenols</u>	
40788403	Phenol: Withdrawal Loss
40788405	2,4-Dichlorophenol: Withdrawal Loss
<u>4-07-999 Miscellaneous</u>	
40799901	Carbon Disulfide: Withdrawal Loss
40799903	Dimethyl Sulfoxide: Withdrawal Loss
40799905	Tetrahydrofuran: Withdrawal Loss
40799998	Specify in Comments
40799999	Other Not Classified
<b><u>4-08 ORGANIC CHEMICAL TRANSPORTATION</u></b>	
<u>4-08-800 Equipment Leaks</u>	
40880001	Equipment Leaks
<u>4-08-999 Specific Liquid</u>	
40899995	Cars/Trucks: Loading Rack
40899997	Marine Vessels: Loading Rack

SCC	SCC Description
<b><u>4-10 DRY CLEANING</u></b>	
<u>4-10-001 Petroleum Solvent - Industrial</u>	
41000101	Stoddard
41000102	Stoddard
41000115	Washer/Extractor
41000125	Solvent Settling Tank: Batch Flow
41000126	Solvent Settling Tank: Continuous Flow
41000130	Dryer
41000131	Dryer: Loading/Unloading
41000132	Dryer: Drying Cycle
41000133	Dryer: Cool Down Cycle
41000140	Filtration
41000141	Filtration, Diatomite: Single Charge
41000142	Filtration, Diatomite: Multiple Charge
41000143	Filtration, Diatomite: Regenerative
41000144	Filtration, Cartridge, Carbon Core, Batch Operation
41000145	Filtration, Cartridge, All Carbon, Batch Operation
41000146	Filtration, Cartridge, Carbon Core, Continuous Operation
41000147	Filtration, Cartridge, All Carbon, Continuous Operation
41000160	Waste Disposal
41000161	Waste Disposal: Filter Waste, Drained
41000162	Waste Disposal: Filter Waste, Centrifuged
41000163	Waste Disposal: Settling Tank Sludge
41000164	Waste Disposal: Still Waste
41000165	Waste Disposal: Cartridge, All Carbon
41000166	Waste Disposal: Cartridge, Carbon Core Only
<u>4-10-002 Petroleum Solvent - Commercial</u>	
41000201	Stoddard
41000202	Stoddard
41000215	Washer/Extractor
41000225	Solvent Settling Tank: Batch Flow
41000226	Solvent Settling Tank: Continuous Flow

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>4-10-002 Petroleum Solvent - Commercial</u>		<u>4-25-001</u>		<u>5-01-004 Landfill Dump</u>	
41000230	Dryer	42500101	Fixed Roof Tanks (210 Bbl Size) Breathing Loss	50100401	Unpaved Road Traffic
41000231	Dryer: Loading/Unloading	42500102	Fixed Roof Tanks (210 Bbl Size) Working Loss	50100402	Fugitive Emissions
41000232	Dryer: Drying Cycle	42500201	Fixed Roof Tanks (500 Bbl Size) Breathing Loss	50100403	Area Method
41000233	Dryer: Cool Down Cycle	42500202	Fixed Roof Tanks (500 Bbl Size) Working Loss	50100404	Trench Method
41000240	Filtration	42500301	Fixed Roof Tanks (1,000 Bbl Size) Breathing Loss	50100405	Ramp Method
41000241	Filtration, Diatomite: Single Charge	42500302	Fixed Roof Tanks (1,000 Bbl Size) Working Loss	50100406	Gas Collection System: Other
41000242	Filtration, Diatomite: Multiple Charge	42505001	Floating Roof Tanks (1,000 Bbl Size) Standing Loss	50100410	Waste Gas Destruction: Waste Gas Flares
41000243	Filtration, Diatomite: Regenerative	42505002	Floating Roof Tanks (1,000 Bbl Size) Working Loss	50100411	Waste Gas Destruction: Incinerators
41000244	Filtration, Cartridge, Carbon Core, Batch Operation	42505101	Floating Roof Tanks (5,000 Bbl Size) Standing Loss	50100412	Waste Gas Destruction: Other
41000245	Filtration, Cartridge, All Carbon, Batch Operation	42505102	Floating Roof Tanks (5,000 Bbl Size) Crude Oil: Working Loss	50100420	Waste Gas Recovery: Gas Turbines
41000246	Filtration, Cartridge, Carbon Core, Continuous Operation	42505202	Floating Roof Tanks (1,000 Bbl Size) Working Loss	50100421	Waste Gas Recovery: Internal Combustion Device
41000247	Filtration, Cartridge, All Carbon, Continuous Operation	<u>4-90-ORGANIC SOLVENT EVAPORATION</u>		50100422	Waste Gas Recovery: Other
41000260	Waste Disposal	<u>4-90-002 Waste Solvent Recovery Operations</u>		50100430	Waste Gas Purification: Absorption
41000261	Waste Disposal: Filter Waste, Drained	49000207	Distillation Vent	50100431	Waste Gas Purification: Adsorption
41000262	Waste Disposal: Filter Waste, Centrifuged	49000208	Decanting	50100432	Waste Gas Purification: Membranes
41000263	Waste Disposal: Settling Tank Sludge	49000209	Salting	50100433	Waste Purification: Other
41000264	Waste Disposal: Still Waste	<u>4-90-005 Air Stripping Tower</u>		<u>5-01-005 Other Incineration</u>	
41000265	Waste Disposal: Cartridge, All Carbon	49000599	Specify Solvent in Comments	50100506	Sludge
41000266	Waste Disposal: Cartridge, Carbon Core Only	<u>4-90-006 Freon Recovery/Recycling Operations</u>		50100518	Sewage Sludge Incinerator: Single Hearth Cyclone
<u>4-10-800 Petroleum Solvent - Equipment Leaks</u>		49000601	CFC-12 Recovery - Auto Air Conditioning	50100519	Sewage Sludge Incinerator: Rotary Kiln
41080001	Equipment Leaks	<u>4-90-900 Fuel Fired Equipment</u>		50100520	Sewage Sludge Incinerator: High Pressure, Wet Oxidation
<u>4-10-820 Petroleum Solvent - Wastewater, Aggregate</u>		49090015	Recovered Solvents: Miscellaneous Incinerators	<u>5-01-006 Fire Fighting</u>	
41082001	Process Area Drains	49090021	Distillate Oil (No. 2): Flares	50100601	Structure: Jet Fuel
41082002	Process Equipment Drains	49090022	Residual Oil: Flares	50100602	Structure: Distillate Oil
<u>4-10-825 Petroleum Solvent - Wastewater, Points of Generation</u>		<b>5 WASTE DISPOSAL</b>		50100603	Structure: Kerosene
41082599	Specify Point of Generation	<u>5-01 SOLID WASTE DISPOSAL - GOVERNMENT</u>		50100604	Structure: Wood Pallets
<u>4-25</u>		<u>5-01-001 Municipal Incineration</u>		<u>5-01-007 Sewage Treatment</u>	
		50100108	Fluidized Bed: Refuse Derived Fuel	50100702	Primary Settling Tank
				50100703	Secondary Settling Tank
				50100704	Aeration Tank
				50100707	POTW: Headworks Screening

SCC	SCC Description
<u>5-01-007 Sewage Treatment</u>	
50100708	Comminutor
50100710	Collector Sewers
50100715	POTW: Aerated Grit Chamber
50100719	Lift Station
50100720	POTW: Primary Settling Tank
50100731	POTW: Diffused Air Act Sludge
50100732	POTW: Mechanical Mix Air Act Sludge
50100733	POTW: Pure Oxygen Act Sludge
50100734	POTW: Trickling Filter
50100740	POTW: Secondary Clarifier
50100750	POTW: Tertiary Filters
50100760	POTW: Chlorine Contact Tank
50100761	POTW: Dechlorination
50100765	Weir
50100769	Storage Basin or Open Tank
50100771	POTW: Gravity Sludge Thickener
50100772	POTW: DAF Sludge Thickener
50100781	POTW: Anaerobic Digester
50100789	Sludge Digester Gas Flare
50100791	POTW: Belt Filter Press
50100792	POTW: Sludge Centrifuge
50100793	POTW: Sludge Drying Bed
50100795	Sludge Storage Lagoons/Drying Beds
50100799	Other Not Classified
<u>5-01-800 Equipment Leaks</u>	
50180001	Equipment Leaks
<u>5-01-820 Wastewater, Aggregate</u>	
50182001	Process Area Drains
50182002	Process Equipment Drains

SCC	SCC Description
<u>5-01-825 Wastewater, Points of Generation</u>	
50182599	Specify Point of Generation
<u>5-01-900 Auxiliary Fuel/No Emissions</u>	
50190002	Coal
50190005	Distillate Oil
50190006	Natural Gas
50190010	Liquified Petroleum Gas (LPG)
<u>5-02 SOLID WASTE DISPOSAL - COMMERCIAL/INSTITUTIONAL</u>	
<u>5-02-005 Incineration: Special Purpose</u>	
50200504	Medical Waste Incinerator
50200506	Sludge
50200507	VOC Contaminated Soil
50200515	Sewage Sludge Incinerator: Multiple Hearth
50200516	Sewage Sludge Incinerator: Fluidized Bed
50200517	Sewage Sludge Incinerator: Electric Infrared
50200518	Sewage Sludge Incinerator: Single Hearth Cyclone
50200519	Sewage Sludge Incinerator: Rotary Kiln
50200520	Sewage Sludge Incinerator: High Pressure, Wet Oxidation
<u>5-02-800 Equipment Leaks</u>	
50280001	Equipment Leaks
<u>5-02-820 Wastewater, Aggregate</u>	
50282001	Process Area Drains
50282002	Process Equipment Drains
<u>5-02-825 Wastewater, Points of Generation</u>	
50282599	Specify Point of Generation
<u>5-02-900 Auxiliary Fuel/No Emissions</u>	
50290002	Coal
50290005	Distillate Oil
50290006	Natural Gas
50290010	Liquified Petroleum Gas (LPG)

SCC	SCC Description
<u>5-03 SOLID WASTE DISPOSAL - INDUSTRIAL</u>	
<u>5-03-002 Open Burning</u>	
50300205	Rocket Propellant
<u>5-03-005 Incineration</u>	
50300502	Hazardous Waste Incinerators: Fluidized Bed
50300503	Hazardous Waste Incinerators: Liquid Injection
50300504	Hazardous Waste Incinerators: Rotary Kiln
50300505	Hazardous Waste Incinerators: Multiple Hearth
50300506	Sludge
50300515	Sewage Sludge Incinerator: Multiple Hearth
50300516	Sewage Sludge Incinerator: Fluidized Bed
50300517	Sewage Sludge Incinerator: Electric Infrared
50300518	Sewage Sludge Incinerator: Single Hearth Cyclone
50300519	Sewage Sludge Incinerator: Rotary Kiln
50300520	Sewage Sludge Incinerator: High Pressure, Wet Oxidation
50300599	Fuel Not Classified
<u>5-03-006 Landfill Dump</u>	
50300602	Liquid Waste Disposal
50300603	Hazardous: Fugitive Emissions
<u>5-03-007 Liquid Waste</u>	
50300702	Waste Treatment: General
50300709	Open Trench
50300710	Open Sump
50300711	Junction Box
50300713	Oil/Water Separator
50300719	Lift Station
50300724	Equalization Basin
50300727	Neutralization Basin
50300731	Diffused Air Activated Sludge
50300732	Mechanical Mix Activated Sludge
50300733	Pure Oxygen Activated Sludge
50300734	Trickling Filter

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>5-03-007 Liquid Waste</u>		<u>5-04-001</u>		<u>5-04-102 Capping</u>	
50300740	Clarifier	50400150	General Processes Storage Bins	50410210	Capping
50300760	Chlorine Contact	50400151	General Processes: Liquid Waste: General: Transfer	50410211	Synthetic Membrane
50300765	Weir	50400201	General Processes Miscellaneous	50410212	Low Permeability Soil
50300769	Storage Basin or Open Tank	50400202	General Processes Miscellaneous	50410213	Soil/Bentonite Admixtures
50300781	Sludge Digester	50400301	General Processes Open Refuse Stockpiles : General	50410214	Constructed Cap, Asphalt
50300789	Sludge Digester Gas Flare	50400302	General Processes Refuse Unloading: General	50410215	Constructed Cap, Concrete
<u>5-03-008 Treatment, Storage, Disposal/TSDF</u>		50400303	General Processes Refuse Loading: General	50410216	Multilayer Cover
50300801	Surface Impoundment: Fugitive Emissions	50400320	General Processes Storage Bins - Solid Waste	<u>5-04-103 In Situ Venting/Venting of Soils</u>	
50300810	Waste Piles: Fugitive Emissions	<u>5-04-100 Excavation/Soils Handling</u>		50410310	Active Aeration
50300820	Land Treatment: Fugitive Emissions	50410001	Excavation	50410311	Active Aeration: Vacuum
50300899	General: Fugitive Emissions	50410002	Excavation: Backhoes	50410312	Active Aeration, Vacuum: Vapor Recovery Well
<u>5-03-800 Equipment Leaks</u>		50410003	Excavation: Draglines	50410313	Active Aeration, Vacuum: Vacuum System
50380001	Equipment Leaks	50410004	Excavation: Bulldozers	50410314	Active Aeration, Vacuum: Control Device
<u>5-03-820 Wastewater, Aggregate</u>		50410005	Excavation: Scrapers	50410321	Active Aeration: Forced Air/Positive Pressure
50382001	Process Area Drains	50410010	Transport	50410322	Active Aeration, Forced Air/Positive Pressure: Treatment Unit
50382002	Process Equipment Drains	50410020	Dumping	<u>5-04-104 Air Stripping of Groundwater</u>	
<u>5-03-825 Wastewater, Points of Generation</u>		50410021	Dumping: Machinery into Truck	50410405	Oil/Water Separator
50382501	Liquid Injection Incinerator	50410022	Dumping: Trucks onto Storage Piles	50410406	Storage/Surge Tanks
50382599	Specify Point of Generation	50410030	Storage	50410407	Holding Tanks
<u>5-03-900 Auxiliary Fuel/No Emissions</u>		50410040	Grading	50410408	Treatment Tanks
50390002	Coal	<u>5-04-101 Stabilization/Solidification</u>		50410409	Conduits
50390005	Distillate Oil	50410101	Drying	50410420	Air Stripping Tower
50390006	Natural Gas	50410110	Mixing	<u>5-04-105 Thermal Destruction</u>	
50390010	Liquified Petroleum Gas (LPG)	50410111	Mixing: Bins, Loading	50410510	Waste Preparation
<u>5-04 SITE REMEDIATION</u>		50410112	Mixing: Bins, Unloading	50410511	Waste Preparation: Blending
<u>5-04-001</u>		50410120	Process	50410512	Waste Preparation: Screening
50400101	General Processes Fixed Roof Tanks: Breathing Loss	50410121	Nonreactive	50410513	Waste Preparation: Shredding
50400102	General Processes Fixed Roof Tanks: Working Loss	50410122	Inorganic	50410514	Waste Preparation: Heating
50400103	General Processes Float Roof Tanks: Standing Loss	50410123	Organic, Thermoplastic Encapsulation	50410520	Waste Feed System
50400104	General Processes Float Roof Tanks: Withdrawal Loss	50410124	Organic, Incorporated into Monomer or Prepolymer	50410521	Waste Feed System: Atomization
				50410522	Waste Feed System: Ram

SCC	SCC Description
<b><u>5-04-105 Thermal Destruction</u></b>	
50410523	Waste Feed System: Auger
50410524	Waste Feed System: Gravity
50410525	Waste Feed System: Lance
50410530	Combustion Unit
50410531	Combustion Unit: Infrared Incinerator
50410532	Combustion Unit: Liquid Injection Incinerator
50410533	Combustion Unit: Hearth Incinerator
50410534	Combustion Unit: Fluidized Bed Incinerator
50410535	Combustion Unit: Rotary Kiln
50410536	Combustion Unit: Cement Kiln
50410537	Combustion Unit: Boiler
50410538	Combustion Unit: Pyrolysis
50410539	Combustion Unit: Molten Salt
50410540	Combustion Unit: High Temperature Fluid Wall
50410541	Combustion Unit: Plasma Arc
50410542	Combustion Unit: Wet Oxidation
50410543	Combustion Unit: Supercritical Water
50410560	Waste Disposal
50410561	Waste Disposal: Dewatering
50410562	Waste Disposal: Chemical Stabilization
50410563	Waste Disposal: Landfill
50410564	Waste Disposal: Residue Treatment, Neutralization
50410565	Waste Disposal: Residue Treatment, Chemical
<b><u>5-04-106 Thermal Desorption</u></b>	
50410610	Pretreatment
50410620	Thermal Desorber
50410621	Thermal Desorber: Indirect Heat Transfer
50410622	Thermal Desorber: Kiln
50410623	Thermal Desorber: Fluidized Bed
50410640	Wastes
50410641	Wastes: Hold Tanks
50410642	Wastes: Separator
50410643	Wastes: Sludge Concentrator

SCC	SCC Description
<b><u>5-04-106 Thermal Desorption</u></b>	
50410644	Wastes: Waste Piles
50410645	Wastes: Containers
<b><u>5-04-107 Biological Treatment</u></b>	
50410710	Biooxidation
50410711	Biooxidation: Microbial Aerobic, Bioattachment
50410712	Biooxidation: Microbial Aerobic, Biosolubilization
50410720	Anaerobic Biodegradation
50410721	Anaerobic Biodegradation: Digester
50410722	Anaerobic Biodegradation: Activated Sludge System
50410723	Anaerobic Biodegradation: Fixed Film Reactors
50410724	Anaerobic Biodegradation: Anaerobic Rotating Biological Contactors
50410725	Anaerobic Biodegradation: Fluidized Bed Bioreactors
50410726	Anaerobic Biodegradation: Upflow Anaerobic Sludge Blankets
50410740	Surface Bioremediation
50410760	Bioreactors
50410761	Bioreactors: Activated Sludge
50410762	Bioreactors: Fixed Film
50410763	Bioreactors: Sequencing Batch
50410764	Bioreactors: Fluidized Bed
50410765	Bioreactors: Soil Slurry
50410766	Bioreactors: Trickling Filter
50410780	In Situ Bioremediation
<b><u>5-04-800 Equipment Leaks</u></b>	
50480001	Equipment Leaks
<b><u>5-04-820 Wastewater, Aggregate</u></b>	
50482001	Process Area Drains
50482002	Process Equipment Drains

SCC	SCC Description
<b><u>5-04-825 Wastewater, Points of Generation</u></b>	
50482599	Specify Point of Generation
<b><u>5-04-900</u></b>	
50490004	General Processes Incinerators: Process Gas

## **6 MACT SOURCE CATEGORIES**

### **6-25 FOOD AND AGRICULTURAL PROCESSES**

#### **6-25-400 Cellulose Food Casing Manufacture**

62540001	Cellulose Food Casing
62540010	Cellulose Xanthate Formation: Barattees
62540020	Viscose Processing
62540021	Viscose Processing: Viscose Holding Tanks
62540022	Viscose Processing: Extrusion and Coagulation
62540023	Viscose Processing: Regeneration
62540024	Viscose Processing: Water Washing
62540025	Drying and Humidification
62540030	MP Operation
62540040	Acid Bath System And Evaporators
62540041	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> Acid Bath System and Evaporator
62540042	Na <sub>2</sub> SO <sub>4</sub> Acid Bath System and Evaporator
62540050	End Product Storage: Cellulose Casing

#### **6-25-800 Equipment Leaks**

62580001	Equipment Leaks
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#### **6-25-820 Wastewater, Aggregate**

62582001	Process Area Drains
62582002	Process Equipment Drains
<b><u>6-25-825 Wastewater, Points of Generation</u></b>	
62582501	Viscose Filtering
62582502	Water Washing
62582503	Acid Bath Evaporator
62582599	Specify Point of Generation

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<b><u>6-31 AGRICULTURAL CHEMICALS PRODUCTION</u></b>					
<b><u>6-31-110 2,4-D Salts and Esters Production</u></b>					
63111001	2,4-D Salts and Esters Production	63125001	Captan Production	63134001	Dacthal Production
63111010	Process Vents: 2,4-D Salts and Esters Production	63125010	Process Vents: Captan Unit	63134010	Process Vents: Dacthal Production
63111011	Process Vents, Chlorophenol Unit: Chlorination Reactor	63125011	Process Vents: PMM/THPI Reactor	63134011	Process Vents: Photochlorination Reactor
63111012	Process Vents, Chlorophenol Unit: Distillation	63125012	Process Vents: Captan Unit, Holding Vessel	63134012	Process Vents: Fusion Reactor
63111020	Process Vents, Chloroacetic Acid Plant	63125013	Process Vents: Captan Unit, Filtration	63134013	Process Vents: Thermal Chlorination Reactor
63111021	Process Vents, Chloroacetic Acid Plant: Neutralizer	63125014	Process Vents: Captan Unit, Washing	63134014	Process Vents, Esterification Reaction: Reactors
63111030	Process Vents, Chlorine Plant	63125015	Process Vents: Captan Unit, Drying	63134015	Process Vents: Still Pot Meoh Reflux Drum
63111040	Process Vents, 2,4-D: Neutralizer (Chlorine and Phenoxyacetic Acid)	63125030	Process Vents: THPI Production	63134016	Process Vents, Separation: Centrifuge
63111041	Process Vents, 2,4-D: Condensation Reactor	63125031	Process Vents: THPI Reactor	63134017	Process Vents: Xylol/Stripper Decanter
63111042	Process Vents: 2,4-D Recovery	63125032	Process Vents: THPI Flaker		
63111043	Process Vents, 2,4-D Recovery: Vessel	63125040	Process Vents: PMM Production		
63111044	Process Vents, 2,4-D Recovery: Filtration	63125041	Process Vents: PMM Chlorinator		
63111045	Process Vents, 2,4-D: Dryer (For Wet 2,4-D)				
63111050	Process Vents: 2,4-D Product Storage				
63111070	Waste Products				
63111071	Waste Products: Filter Cakes				
63111072	Waste Products: Still Bottoms				
<b><u>6-31-250 Captan Production</u></b>					
63125042	Process Vents: PMM Distillation	63131001	Chlorothalonil Production	63134018	Process Vents: Flash Distillation
63125080	Process Vents: Captan Unit, Product Storage and Packaging	63131010	Process Vents: Chlorothalonil Production	63134019	Process Vents: Organic Fume Scrubber System
<b><u>6-31-310 Chlorothalonil Production</u></b>					
63131001	Chlorothalonil Production	63131011	Process Vents: IPN Feed Bin	63134020	Process Vents: Dacthal Flaking
63131010	Process Vents: Chlorothalonil Production	63131012	Process Vents: IPN Melt Pot	63134021	Process Vents: Dacthal Hold Bin
63131011	Process Vents: IPN Feed Bin	63131013	Process Vents: Reactor	63134022	Process Vents: Dacthal Formulation
63131012	Process Vents: IPN Melt Pot	63131014	Process Vents: Desublimer	63134023	Process Vents: Dacthal Packaging
63131013	Process Vents: Reactor	63131015	Process Vents: Desublimer Feed Tank	63134024	Process Vents, Formulation: Solid Additives Feeders
63131014	Process Vents: Desublimer	63131016	Process Vents: Converters	63134025	Process Vents, Formulation: Feed Hoppers
63131015	Process Vents: Desublimer Feed Tank	63131017	Process Vents: Blender	63134026	Process Vents, Formulation: Adjusting Batch Tank
63131016	Process Vents: Converters	63131018	Process Vents: Product Packaging	63134027	Process Vents, Formulation: Grinding Tanks
63131017	Process Vents: Blender	63131030	Process Vents, Chlorine (Cl) Recovery System	63134028	Process Vents, Formulation: Digester
63131018	Process Vents: Product Packaging	63131031	Process Vents, Cl Recovery System: Knockout Pots	63134029	Process Vents, Formulation: Adjusting Tanks
63131030	Process Vents, Chlorine (Cl) Recovery System	63131032	Process Vents, Cl Recovery System: HCl Absorber	63134030	Process Vents, Formulation: Spray Dryers
63131031	Process Vents, Cl Recovery System: Knockout Pots	63131033	Process Vents, By-product Purification: CCl4 Evaporator	63134031	Process Vents, Formulation: Surge Bins
63131032	Process Vents, Cl Recovery System: HCl Absorber	63131034	Process Vents, Cl Recovery System: Bottom Drumming System	63134032	Process Vents, Formulation: Packaging, Flowables
63131033	Process Vents, By-product Purification: CCl4 Evaporator	63131038	Process Vents: CCl4 Collection System	63134033	Process Vents, Formulation: Rework Tank
63131034	Process Vents, Cl Recovery System: Bottom Drumming System	63131080	Process Vents: End Product Storage	63134034	Process Vents, Formulation: Conveyor Transport Bin
63131038	Process Vents: CCl4 Collection System	<b><u>6-31-340 Dacthal Production</u></b>			
63131080	Process Vents: End Product Storage	63134001	Dacthal Production	63134035	Process Vents, Formulation: Product Silos
<b><u>6-31-340 Dacthal Production</u></b>					
63134001	Dacthal Production	63134010	Process Vents: Dacthal Production	63134036	Process Vents, Formulation: Packaging Surge Bins
63134010	Process Vents: Dacthal Production	63134011	Process Vents: Photochlorination Reactor	63134037	Process Vents, Formulation: Packaging (Solids)
63134011	Process Vents: Photochlorination Reactor	63134012	Process Vents: Fusion Reactor	63134038	Process Vents: Solid Antifoam Feeder
63134012	Process Vents: Fusion Reactor	63134013	Process Vents: Thermal Chlorination Reactor	63134039	Process Vents, Formulation: Central Vacuum System
63134013	Process Vents: Thermal Chlorination Reactor	63134014	Process Vents, Esterification Reaction: Reactors	63134040	Process Vents: 2 Phase Separator
63134014	Process Vents, Esterification Reaction: Reactors	63134015	Process Vents: Still Pot Meoh Reflux Drum	63134061	Process Tanks: CCl4 Coolant System Surge Tank
63134015	Process Vents: Still Pot Meoh Reflux Drum	63134016	Process Vents, Separation: Centrifuge	63134062	Process Tanks: MeOH Drying Column Water Hold Tank
63134016	Process Vents, Separation: Centrifuge	63134017	Process Vents: Xylol/Stripper Decanter	63134063	Process Tanks: Fume Scrubber Hold Tank
63134017	Process Vents: Xylol/Stripper Decanter			63134064	Process Tanks: Xylol Still Receiver Tank
				63134065	Process Tanks: Crude Xylol Hold Tank
				63134066	Process Tanks: Hot Xylol Wash Tank

<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
<u>6-31-340 Dacthal Production</u>		<u>6-31-430 Sodium Pentachlorophenate, Hydrolyzation Process</u>		<u>6-31-825 Wastewater, Points of Generation</u>	
63134067	Process Tanks: Chilled Xylol Hold Tank	63143001	Sodium Pentachlorophenate: Hydrolyzation Process	63182581	Filtrate, Acidification of Filtrate
63134068	Process Tanks: Centrifuge Product Tanks	63143010	Process Vents: Hydrolyzation Process	63182582	Dissolve Residue in Water
63134069	Process Tanks: Still Pot Surge Tank	63143011	Process Vents: Hydrolysis Reactor	63182599	Specify Point of Generation
63134070	Process Tanks: Mill Feed Tank	63143012	Process Vents: Evaporation	<u>6-41 STYRENE OR METHACRYLATE BASED RESINS</u>	
63134071	Process Tanks: Mill Receiver Tank	63143013	Process Vents: Filter, Alcohol	<u>6-41-300 Polymethyl Methacrylate Prod - Bulk Polymerization, Batch-cell Method</u>	
63134072	Process Tanks: MeOH Storage Chilled Water Hold Tank	63143014	Process Vents: Residue Dissolution in Water	64130001	Polymethyl Methacrylate Resins: Bulk, Batch Cell Process
63134073	Process Tanks: Xylol Mechanical Seal Tank	63143015	Process Vents: Filtration of Alkali Insoluble Material	64130010	Process Vents: Bulk, Batch Cell Process
63134074	Process Tanks: MeOH Drying Column Receiver Tank	63143016	Process Vents: Acidification of Filtrate, Partial	64130011	Process Vents: Reactor
63134075	Process Tanks: Light Organic Slops Tank	63143017	Process Vents: Acidification of Filtrate, Full	64130025	Process Vents: End Product Storage
63134076	Process Tanks: Sump Surge Tank	63143018	Process Vents: Acidification Filter	<u>6-41-301 Polymethyl Methacrylate Prod - Bulk Polymerization, Continuous Casting</u>	
63134077	Process Tanks: Product Packaging Tanks	63143019	Process Vents: Water Wash of Product	64130101	Polymethyl Methacrylate Resins: Bulk, Continuous Process
63134078	Process Tanks: Flash Feed Tanks	63143020	Process Vents: Dryer	64130110	Process Vents: Bulk, Continuous Process
63134079	Process Tanks: Distillation Feed Tanks	63143030	Process Vents: End Product Storage	64130111	Process Vents, Reactor: Curing Zone
63134080	Process Tanks: Flaker Feed Tanks	<u>6-31-800 Equipment Leaks</u>		64130112	Process Vents, Reactor: Annealing Zone
63134081	Process Tanks: Xylol Stripper Feed Tank	63180001	Equipment Leaks	64130125	Process Vents: End Product Storage
63134082	Process Tanks: Centrifuge Feed Tanks	<u>6-31-820 Wastewater, Aggregate</u>		<u>6-41-302 Polymethyl Methacrylate Prod-Bulk Polymeriz'n, Centrifugal Polymeriz'n</u>	
63134083	Process Tanks: MeOH Drying Feed Tanks	63182001	Process Area Drain	64130201	Polymethyl Methacrylate Resins: Bulk, Centrifugal Process
63134084	Process Tanks: Spray Dryer Feed Tanks	63182002	Process Equipment Drains	64130210	Process Vents: Bulk, Centrifugal Process
63134085	Process Tanks: Small Media Mill Surge Tanks	<u>6-31-825 Wastewater, Points of Generation</u>		64130211	Process Vents: Reactor
<u>6-31-420 Sodium Pentachlorophenate, Chlorination Process</u>		63182501	2,4-D Recovery	64130225	Process Vents: End Product Storage
63142001	Sodium Pentachlorophenate: Chlorination Process	63182507	Dacthal Condensate	<u>6-41-310 Polymethyl Methacrylate Prod - Solution Polymerization</u>	
63142010	Process Vents: Chlorination Process	63182508	Spent Scrubber Liquor Tank	64131001	Polymethyl Methacrylate Resins: Solvent Process
63142011	Process Vents: Primary Reactor	63182509	2 Phase Separator	64131010	Process Vents: Solvent Process
63142012	Process Vents: Distillation	63182537	Captan Unit, Washing	64131011	Process Vents: Reactor
63142013	Process Vents: Secondary Reactor	63182538	THPI Reactor Scrubber	64131015	Process Vents: Separation/Filtration
63142014	Process Vents: Dryer	63182539	THPI Flaker Scrubber	64131020	Process Vents: Dryer
63142015	Process Vents: Prill Tower	63182540	PMM Chlorinator Scrubber		
63142030	Process Vents: End Product Storage	63182541	PMM Distillation Scrubber		
63142031	Process Vents, End Product Storage: Prilled Product	63182542	PMM Storage Scrubber		
63142032	Process Vents, End Product Storage: Crystallized Product	63182573	Separator		
		63182580	Filtrate, Partial Evaporation of Alcohol		



<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>	<u>SCC</u>	<u>SCC Description</u>
<u>6-41-310 Polymethyl Methacrylate Prod - Solution Polymerization</u>					
64131025	Process Vents: Product Filters				
64131030	Process Vents: End Product Storage				
<u>6-41-320 Polymethyl Methacrylate Prod - Emulsion Polymerization</u>					
64132001	Polymethyl Methacrylate Resins: Emulsion Process				
64132010	Process Vents: Emulsion Process				
64132011	Process Vents: Reactor				
64132020	Process Vents: Separation/Filtration				
64132025	Process Vents: Dryer				
64132030	Process Vents: Product Storage				
<u>6-41-330 Polymethyl Methacrylate Prod - Suspension Polymerization</u>					
64133001	Polymethyl Methacrylate Resins: Suspension Process				
64133010	Process Vents: Suspension Process				
64133011	Process Vents: Reactor				
64133020	Process Vents: Separation/Filtration				
64133025	Process Vents: Dryer				
64133030	Process Vents: Product Storage				
<u>6-41-800 Equipment Leaks</u>					
64180001	Equipment Leaks				
<u>6-41-820 Wastewater, Aggregate</u>					
64182001	Process Area Drains				
64182002	Process Equipment Drains				
<u>6-41-825 Wastewater, Points of Generation</u>					
64182599	Specify Point of Generation				
<u>6-44 CELLULOSE-BASED RESINS</u>					
<u>6-44-200 Carboxymethylcellulose Production</u>					
64420001	Carboxymethylcellulose Production				
64420010	Cellulose Preparation				
64420011	Cellulose Preparation: Sodium Chloroacetate Reagent, Conventional				
<u>6-44-200 Carboxymethylcellulose Production</u>					
64420012	Cellulose Preparation: Chloroacetic Acid Reagent, Conventional				
64420013	Cellulose Preparation: Sodium Chloroacetate Reagent, Aqueous Solution				
64420014	Cellulose Prep: Chloroacetic Acid Reagent, Aqueous Solution Spraying				
64420015	Cellulose Preparation: Sodium Chloroacetate Reagent, Aqueous Solution				
64420016	Cellulose Prep: Chloroacetic Acid Reagent, Aqueous Solution Steeping				
64420020	Etherification Reaction				
64420021	Etherification Reaction: Wet Reaction Mass				
64420022	Etherification Reaction: Slurry Process				
64420030	Product Finishing				
64420031	Product Finishing: Mill				
64420032	Product Finishing: Neutralization				
64420033	Product Finishing: Purification/Extraction				
64420034	Product Finishing: Drying				
64420040	End Product Storage				
64420041	End Product Storage: Cyclones				
64420042	End Product Storage: Bins, Containers, Etc.				
<u>6-44-300 Methyl Cellulose Production, Gaseous Methyl Chloride Process</u>					
64430001	Methyl Cellulose: Gaseous Methyl Chloride Process				
64430010	Process Vents: Gaseous Methyl Chloride Process				
64430011	Process Vents: Methylation Reactor				
64430012	Process Vents: Neutralization				
64430013	Process Vents: Salt Extraction/Washing				
64430014	Process Vents: Drying				
64430015	Process Vents: Acid Treatment				
64430016	Process Vents: Glyoxal Reaction				
64430017	Process Vents: Solvent Recovery				
64430030	Process Vents: End Product Storage				
<u>6-44-310 Methyl Cellulose Production, Liquid Methyl Chloride Process</u>					
64431001	Methyl Cellulose: Liquid Methyl Chloride Process				
64431010	Process Vents: Liquid Methyl Chloride Process				
64431011	Process Vents: Slurrying Vessel				
64431012	Process Vents: Reactor Vessel/Tube				
64431013	Process Vents: Evaporation				
64431014	Process Vents: Drying				
64431015	Process Vents: Acid Treatment				
64431016	Process Vents: Glyoxal Reaction				
64431017	Process Vents: Solvent Recovery				
64431030	Process Vents: End Product Storage				
<u>6-44-500 Cellulose Ethers Production</u>					
64450001	Cellulose Ethers Production				
64450010	Alkalization				
64450011	Alkalization: Sodium Hydroxide Bath				
64450012	Alkalization: NaOH Solution Spray				
64450013	Alkalization: Inert Organic Solvent Impregnation				
64450014	Alkalization: Vessels with Organic Solvent				
64450020	Etherification and Neutralization				
64450021	Etherification: Autoclaves				
64450022	Neutralization				
64450030	Product Purification				
64450031	Purification: Washing, Hot Water				
64450032	Purification: Salt Extraction, Step by Step				
64450033	Purification: Salt Extraction, Continuous				
64450034	Purification: Salt Extraction, Cascade Extraction w/ Organic Solvents				
64450035	Isolation of Purified Products: Centrifuge				
64450036	Isolation of Purified Products: Filtration				
64450040	Material Recovery				
64450041	Solvent Removal (Prior to Drying)				
64450042	Solvent Recycle: Distillation				
64450050	End Product Finishing				

SCC	SCC Description
<u>6-44-500 Cellulose Ethers Production</u>	
64450051	End Product Finishing: Drying
64450052	End Product Finishing: Milling and Sifting
64450053	End Product Finishing: Blending
64450060	End Product Storage
64450061	End Product Storage: Packaging
64450062	End Product Storage: Containers
<u>6-44-700 Cellophane Manufacturing</u>	
64470001	Cellophane Manufacturing
64470010	Production of Viscose Solution
64470011	Viscose Solution Production: Mechanical Churn
64470012	Viscose Solution Production: Mixing Tank
64470013	Viscose Solution Production: Aging Tank
64470020	Cellophane Formation
64470021	Cellophane Formation: Coagulation Bath
64470022	Cellophane Formation: Acid Removal Water Wash Bath
64470023	Cellophane Formation: Bleach Bath
64470024	Cellophane Formation: Wash Tanks (After Bleach Bath)
64470025	Cellophane Formation: Glycerin Bath
64470026	Cellophane Formation: Drying/Dryer
64470040	Coating Operations
<u>6-44-800 Equipment Leaks</u>	
64480001	Equipment Leaks
<u>6-44-820 Wastewater, Aggregate</u>	
64482001	Process Area Drains
64482002	Process Equipment Drains
<u>6-44-825 Wastewater, Points of Generation</u>	
64482599	Specify Point of Generation

SCC	SCC Description
<u>6-45 MISCELLANEOUS RESINS</u>	
<u>6-45-200 Alkyd Resin Production, Solvent Process</u>	
64520001	Alkyd Production: Solvent Process
64520010	Polymerization Reaction
64520011	Polymerization Reaction: Kettle
64520020	Product Finishing
64520021	Product Finishing: Thinning Vessels
64520022	Product Finishing: Filter
64520023	Product Finishing: Intermediate Storage
64520030	Solvent Recovery
64520031	Solvent Recovery: Decanter
64520032	Solvent Recovery: Water Tank
64520040	End Product Storage
64520041	End Product Storage: Drum and Bulk Loading
<u>6-45-210 Alkyd Resin Production, Fusion Process</u>	
64521001	Alkyd Production: Fusion Process
64521010	Polymerization Reaction
64521011	Polymerization Reaction: Kettle
64521020	Product Finishing
64521021	Product Finishing: Thinning Vessels
64521022	Product Finishing: Filter
64521023	Product Finishing: Intermediate Storage
64521040	End Product Storage
64521041	End Product Storage: Drum and Bulk Loading
<u>6-45-800 Equipment Leaks</u>	
64580001	Equipment Leaks
<u>6-45-820 Wastewater, Aggregate</u>	
64582001	Process Area Drains
64582002	Process Equipment Drains
<u>6-45-825 Wastewater, Points of Generation</u>	
64582501	Solvent Recovery, Water Tank
64582502	Solvent Recovery, Fume Scrubber
64582599	Specify Point of Generation

SCC	SCC Description
<u>6-46 VINYL-BASED RESINS</u>	
<u>6-46-100 Polymerized Vinylidene Chloride Production - Emulsion, Latex Prod.</u>	
64610001	Emulsion Polymerization: Latex Production
64610010	Raw Material Preparation
64610011	Raw Material Preparation: Raw Weighing and Holding Tanks
64610012	Raw Material Preparation: Raw Material Loading Lines
64610020	Polymerization
64610021	Polymerization: Reactor Opening Loss
64610022	Polymerization: Reactor Relief Value
64610030	Material Recovery
64610031	Material Recovery: Stripping Vessel
64610032	Material Recovery: Monomer Recovery Sys. Exhaust Vents & Knockout Pots
64610040	Product Finishing
64610041	Product Finishing: Polymer Holding Tanks
64610050	End Product Storage
<u>6-46-101 Polymerized Vinylidene Chloride Production-Emulsion, Dried Resin Prod.</u>	
64610101	Emulsion Polymerization: Dried Resin
64610110	Raw Material Preparation
64610111	Raw Material Preparation: Raw Weighing and Holding Tanks
64610112	Raw Material Preparation: Raw Material Loading Lines
64610120	Polymerization
64610121	Polymerization: Reactor Opening Loss
64610122	Polymerization: Reactor Relief Value
64610130	Material Recovery
64610131	Material Recovery: Stripping Vessel
64610132	Material Recovery: Monomer Recovery Sys. Exhaust Vents & Knockout Pots

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>6-46-101 Polymerized Vinylidene Chloride Production-Emulsion, Dried Resin Prod.</u>		<u>6-46-103 Polymerized Vinylidene Chloride Production - Solution, Batch Process</u>		<u>6-46-200 Polyvinyl Alcohol Production, Solution Polymerization</u>	
64610140	Product Finishing		Lines	64620016	Polymeriz'n/Hydrolysis: Vinyl Acetate Monomer Polymerization Reactors
64610141	Product Finishing: Polymer Holding Tanks	64610320	Polymerization	64620017	Polymeriz'n/Hydrlysis: Intrmed Prc Stor Tks, Varnish - Polymer in CH3OH
64610142	Product Finishing: Dewatering and Centrifuge	64610321	Polymerization: Reactor Opening Loss	64620018	Polymerization/Hydrolysis: Hydrolysis Reactors
64610143	Product Finishing: Dryer	64610322	Polymerization: Reactor Relief Valve	64620020	Product Finishing
64610150	End Product Storage	64610330	Material Recovery	64620021	Product Finishing: Centrifuge
<u>6-46-102 Polymerized Vinylidene Chloride Production - Suspension</u>		64610331	Material Recovery: Stripping Vessel	64620022	Product Finishing: Dryer
64610201	Polymerized Vinylidene Chloride Production: Suspension Polymerization	64610332	Material Recovery: Monomer Recovery Sys. Exhaust Vents & Knockout Pots	64620025	Product Storage
64610210	Raw Material Preparation	64610340	Product Finishing	64620026	Product Storage: Powder Storage and Conveying
64610211	Raw Material Preparation: Raw Weighing and Holding Tanks	64610350	End Product Storage	64620027	Product Storage: Packaging: Loading and Unloading
64610212	Raw Material Preparation: Raw Material Loading Lines	<u>6-46-150 Polyvinyl Acetate Emulsions, Batch Emulsion Process</u>		64620030	Material Recovery
64610220	Polymerization	64615001	Polyvinyl Acetate Emulsions Production	64620031	Vinyl Acetate Monomer Recovery Column
64610221	Polymerization: Reactor Opening Loss	64615010	Polymerization	64620032	Solvent Separation: Crude Solvent Storage
64610222	Polymerization: Reactor Relief Valve	64615011	Polymerization: Reactor Safety Valve	64620033	Solvent Recovery: Overall
64610230	Material Recovery	64615012	Polymerization: Reactor Vacuum System	64620034	Solvent Recovery: Mixed Solvent Column
64610231	Material Recovery: Stripping Vessel	64615020	Material Recovery	64620035	Solvent Recovery: MeOH Column
64610232	Material Recovery: Monomer Recovery Sys. Exhaust Vents & Knockout Pots	64615021	Material Recovery: Stripping Vessel (If Not Stripped in Reactor)	64620036	Solvent Recovery: Acetic Acid Column
64610240	Product Finishing	64615022	Material Recovery: Residual Monomer Removal, Sparging	64620037	Solvent Recovery: Ester Hydrolizer
64610241	Product Finishing: Polymer Holding Tanks	64615023	Material Recovery: Residual Monomer Removal, Distillation	64620038	Solvent Recovery: Crude Solvent Recovery
64610242	Product Finishing: Dryer	64615030	End Product Storage	<u>6-46-300 Polyvinyl Chloride and Copolymers Production - Suspension Process</u>	
64610250	End Product Storage	<u>6-46-200 Polyvinyl Alcohol Production, Solution Polymerization</u>		64630001	PVC and Copolymers Production: Suspension Process
<u>6-46-103 Polymerized Vinylidene Chloride Production - Solution, Batch Process</u>		64620001	Polyvinyl Alcohol Production: Solution Polymerization	64630010	Process Vents: Suspension Process
64610301	Sol in Polymerization: Batch Process	64620011	Raw Material Preparation	64630011	Process Vents: VCM Evaporator Monomer Recovery
64610310	Raw Material Preparation	64620012	Raw Mat Prep: Vinyl Acetate Monomer Purification (Deinhibiting) Column	64630012	Process Vents: Weight Tanks
64610311	Raw Material Preparation: Raw Weighing and Holding Tanks	64620013	Raw Material Preparation: Purified, Uninhibited VAM Day Storage Tank	64630015	Process Vents, Reactor: Opening Loss
64610312	Raw Material Preparation: Raw Material Loading	64620015	Polymerization and Hydrolysis	64630016	Process Vents, Reactor: Safety Valve Vents
				64630025	Process Vents, Stripper: Vinyl Chloride Stripped from Polymer to Atmos

SCC	SCC Description	SCC	SCC Description	SCC	SCC Description
<u>6-46-300 Polyvinyl Chloride and Copolymers Production - Suspension Process</u>		<u>6-46-310 Polyvinyl Chloride and Copolymers Production - Dispersion Process</u>		<u>6-46-330 Polyvinyl Chloride and Copolymers Production - Bulk Process</u>	
64630026	Process Vents, Stripper: Transfer of Batch	64631052	Process Vents, Bagger Area: Resin Transfer	64633001	PVC and Copolymers Production: Batch Process
64630030	Process Vents: Slurry Blend Tank	64631053	Process Vents: Bulk Loading	64633010	Process Vents: Bulk Process
64630035	Process Vents: Centrifuge	64631080	Fugitive Emissions	64633011	Process Vents: Monomer Recovery
64630040	Process Vents: Rotary Dryer	64631081	Fugitive Emissions: Manhole Cover Seals	64633015	Process Vents, Prepolymerization Reactor: Opening Loss
64630041	Process Vents: Flash Dryer	64631082	Fugitive Emissions: Opening of Equipment for Inspection or Maintenance	64633016	Process Vents, Prepolymerization Reactor: Safety Valve Vents
64630042	Process Vents: Fluidized Bed Dryer	64631083	Fugitive Emissions: Manual Venting	64633017	Process Vents, Polymerization Reactor: Opening Loss
64630050	Process Vents: Silo Storage	<u>6-46-320 Polyvinyl Chloride and Copolymers Production - Solvent Process</u>		64633020	Process Vents, Polymerization Reactor: Safety Valve Vents
64630051	Process Vents, Bagger Area: Machines	64632001	PVC and Copolymers Production: Solvent Process	64633021	Process Vents: Collector
64630052	Process Vents, Bagger Area: Resin Transfer	64632010	Process Vents: Solvent Process	64633030	Process Vents: Screens
64630053	Process Vents: Bulk Loading	64632011	Process Vents: Monomer Recovery	64633050	Process Vents: Silo Storage
64630080	Fugitive Emissions	64632015	Process Vents, Reactor: Opening Loss	64633051	Process Vents: Mill For Oversize Product
64630081	Fugitive Emissions: Manhole Cover Seals	64632016	Process Vents, Reactor: Safety Valve Vents	64633052	Process Vents, Bagger Area: Machines
64630082	Fugitive Emissions: Opening of Equipment for Inspection or Maintenance	64632020	Process Vents: Flash Evaporator	64633053	Process Vents, Bagger Area: Resin Transfer
64630083	Fugitive Emissions: Manual Venting	64632030	Process Vents: Dryer	64633054	Process Vents: Bulk Loading
<u>6-46-310 Polyvinyl Chloride and Copolymers Production - Dispersion Process</u>		64632040	Process Vents: Product Filters	64633080	Fugitive Emissions
64631001	PVC and Copolymers Production: Dispersion Process	64632041	Process Vents: Product Screens	64633081	Fugitive Emissions: Manhole Cover Seals
64631010	Process Vents: Dispersion Process	64632042	Process Vents: Grinder	64633082	Fugitive Emissions: Opening of Equipment for Inspection or Maintenance
64631011	Process Vents: VCM Evaporator Monomer Recovery	64632050	Process Vents: Silo Storage	64633083	Fugitive Emissions: Manual Venting
64631012	Process Vents: Weight Tanks	64632051	Process Vents, Bagger Area: Machines	<u>6-46-800 Equipment Leaks</u>	
64631015	Process Vents, Reactor: Opening Loss	64632052	Process Vents, Bagger Area: Resin Transfer	64680001	Equipment Leaks
64631016	Process Vents, Reactor: Safety Valve Vents	64632053	Process Vents: Bulk Loading	<u>6-46-820 Wastewater, Aggregate</u>	
64631025	Process Vents, Stripper: Vinyl Chloride Stripped from Polymer to Atmos	64632080	Fugitive Emissions	64682001	Process Area Drains
64631026	Process Vents, Stripper: Transfer of Batch	64632081	Fugitive Emissions: Manhole Cover Seals	64682002	Process Equipment Drains
64631030	Process Vents: Slurry Blend Tank	64632082	Fugitive Emissions: Opening of Equipment for Inspection or Maintenance	<u>6-46-825 Wastewater, Points of Generation</u>	
64631040	Process Vents: Spray Dryer	64632083	Fugitive Emissions: Manual Venting	64682501	Centrifuge
64631050	Process Vents: Silo Storage			64682502	Reactor Cleaning
64631051	Process Vents, Bagger Area: Machines			64682599	Specify Point of Generation

SCC	SCC Description
<b><u>6-48 MISCELLANEOUS POLYMERS</u></b>	
<b><u>6-48-200 Maleic Anhydride Copolymers Production - Bulk Polymerization</u></b>	
64820001	Maleic Anhydride Copolymer Production - Bulk Polymerization
64820010	Process Vents: Bulk Process
<b><u>6-48-210 Maleic Anhydride Copolymers Production - Solution Polymerization</u></b>	
64821001	Maleic Anhydride Copolymer Production - Solution Polymerization
64821010	Process Vents: Solution Process
<b><u>6-48-220 Maleic Anhydride Copolymers Production - Emulsion Polymerization</u></b>	
64822001	Maleic Anhydride Copolymer Production - Emulsion Polymerization
64822010	Process Vents: Emulsion Process
<b><u>6-48-230 Maleic Anhydride Copolymers Production - Photoinitiation Polymeriz'n</u></b>	
64823001	Maleic Anhydride Copolymer Production - Photoinitiation Polymerization
64823010	Process Vents: Photoinitiation Process
<b><u>6-48-240 Maleic Anhydride Copolymers Production - Actinic Radiation Polymeriz'n</u></b>	
64824001	Maleic Anhydride Copolymer Production - Actinic Radiation
64824010	Process Vents: Actinic Radiation
<b><u>6-48-800 Equipment Leaks</u></b>	
64880001	Equipment Leaks
<b><u>6-48-820 Wastewater, Aggregate</u></b>	
64882001	Process Area Drains
64882002	Process Equipment Drains

SCC	SCC Description
<b><u>6-48-825 Wastewater, Points of Generation</u></b>	
64882599	Specify Point of Generation
<b><u>6-49 FIBERS PRODUCTION PROCESSES</u></b>	
<b><u>6-49-200 Rayon Fiber Production</u></b>	
64920001	Rayon Production
64920010	Production of Viscose Solution
64920011	Viscose Solution Production: Mechanical Churn
64920012	Viscose Solution Production: Mixing Tank
64920013	Viscose Solution Production: Aging Tank
64920020	Filament Formation
64920021	Filament Formation: Spinning Machine
64920022	Filament Formation: Godet Wheels
64920030	Fiber Finishing
64920031	Fiber Finishing: Cutter
64920032	Fiber Finishing: Desulfur
64920033	Fiber Finishing: Bleach
64920034	Fiber Finishing: Wash
<b><u>6-49-300 Spandex Fiber Production, Dry Spun Process</u></b>	
64930001	Spandex: Dry Spun
64930010	Raw Material Preparation for Fiber Production
64930011	Raw Material Preparation: Blending and Dissolving
64930012	Raw Material Preparation: Filtration
64930020	Fiber Spinning
64930021	Fiber Spinning: Spin Cell
64930030	Fiber Finishing
64930031	Fiber Finishing: Finish Application
64930035	Fiber Finishing: Processing
64930040	End Product Storage
64930041	End Product Storage: Beaming and Packaging
64930045	End Product Storage: Fiber Storage
64930050	Equipment Cleanup

SCC	SCC Description
<b><u>6-49-310 Spandex Fiber Production, Reaction Spun Process</u></b>	
64931001	Spandex: Reaction Spun
64931010	Raw Material Preparation
64931011	Raw Material Preparation: Prepolymerization Vessel
64931012	Raw Material Preparation: Filtration
64931020	Reaction Spinning
64931021	Reaction Spinning: Spin Bath
64931022	Reaction Spinning: Conveyor
64931030	Fiber Finishing
64931031	Fiber Finishing: Drying Oven
64931032	Fiber Finishing: Lubrication
64931040	End Product Storage
64931041	End Product Storage: Filament Winding
64931050	Equipment Cleanup
<b><u>6-49-800 Equipment Leaks</u></b>	
64980001	Equipment Leaks
<b><u>6-49-820 Wastewater, Aggregate</u></b>	
64982001	Process Area Drains
64982002	Process Equipment Drains
<b><u>6-49-825 Wastewater, Points of Generation</u></b>	
64982599	Specify Point of Generation
<b><u>6-51 INORGANIC CHEMICALS MANUFACTURING</u></b>	
<b><u>6-51-100 Antimony Oxides Manufacturing</u></b>	
65110001	Antimony Oxides Production
65110010	Burnoff of Antimony
65110011	Roasting: Shaft Furnace
65110012	Roasting: Rotary Kiln
65110013	Roasting: Blast Roaster
65110014	Roasting: Converter
65110020	Recovery
65110021	Recovery: Baghouse
65110022	Recovery: Flues

SCC	SCC Description
<b><u>6-51-100 Antimony Oxides Manufacturing</u></b>	
65110023	Recovery: Condensing Pipes
65110024	Recovery: Cottrell Precipitators
65110029	Recovery: Specify Type of Recovery Equipment
<b><u>6-51-300 Fumed Silica Manufacturing</u></b>	
65130001	Fumed Silica Production
65130010	Process Vents
65130011	Process Vents: Reaction
65130020	Process Vents: Separation
65130040	Process Vents: End Product Storage
<b><u>6-51-350 Quaternary Ammonium Compounds Manufacturing</u></b>	
65135001	Quaternary Ammonium Compound Production
65135010	Process Vents
65135011	Process Vents: Reactor
65135012	Process Vents: Cooling
65135013	Process Vents: pH Adjustment
65135014	Process Vents: Filtration
65135030	Process Vents: End Product Storage
<b><u>6-51-400 Sodium Cyanide Manufacturing</u></b>	
65140001	Sodium Cyanide Production
65140010	Process Vents
65140011	Process Vents: Reactor
65140012	Process Vents: Evaporator
65140013	Process Vents: Filtration
65140014	Process Vents: Mixing Conveyor
65140015	Process Vents: Drying
65140016	Process Vents: Compacting
65140017	Process Vents: Classifier
65140018	Process Vents: Briquetting
65140030	Process Vents: End Product Storage

SCC	SCC Description
<b><u>6-51-450 Uranium Hexafluoride Manufacturing</u></b>	
65145001	Uranium Hexafluoride Production Direct Fluorination
65145010	Fluorination Tower
65145011	Fluorination Tower: Reactor
65145020	Product Finishing
65145021	Product Finishing: Cyclone
65145022	Product Finishing: Filtration
65145023	Product Finishing: Cold Trap/Condenser
65145030	End Product Loading and Storage
65145031	End Product Loading: Cylinder Loading Station
<b><u>6-51-800 Equipment Leaks</u></b>	
65180001	Equipment Leaks
<b><u>6-51-820 Wastewater Aggregate</u></b>	
65182001	Process Area Drains
65182002	Process Equipment Drains
<b><u>6-51-825 Wastewater, Points of Generation</u></b>	
65182501	Filtration
65182599	Specify Point of Generation
<b><u>6-81 CONSUMER PRODUCT MANUFACTURING FACILITIES</u></b>	
<b><u>6-81-100 Aerosol Can - Filling Facilities</u></b>	
68110001	Aerosol Can Filling
68110010	Process Vents
68110011	Process Vents: Mixing Tanks
68110020	Process Vents: Aerosol Can Filling
68110021	Process Vents, Aerosol Can Filling: Product Filling
68110022	Process Vents, Aerosol Can Filling: Valve Stem and Valve Insertion
68110023	Process Vents, Aerosol Can Filling: Propellant Charging
68110024	Process Vents, Aerosol Can Filling: Sealing Production Can

SCC	SCC Description
<b><u>6-81-100 Aerosol Can - Filling Facilities</u></b>	
68110030	Process Vents: Water Bath, Leak Check
68110035	Process Vents: Can Washing
<b><u>6-81-800 Equipment Leaks</u></b>	
68180001	Equipment Leaks
<b><u>6-81-820 Wastewater, Aggregate</u></b>	
68182001	Process Area Drains
68182002	Process Equipment Drains
<b><u>6-81-825 Wastewater, Points of Generation</u></b>	
68182599	Specify Point of Generation
<b><u>6-82 MISCELLANEOUS PROCESSES</u></b>	
<b><u>6-82-400 Paint Stripper Users - Chemical Strippers</u></b>	
68240030	Application, Degradation, and Coating Removal Steps
68240031	Application, Degradation, & Coating Removal Steps: Methylene Chloride
68240059	Application, Degradation, and Coating Removal Steps: Other Not Listed
<b><u>6-82-410 Paint Stripper Users - Non-chemical Strippers</u></b>	
68241001	Media Blasting
68241002	Media Blasting: Plastic Bead/Media
68241004	Media Blasting: Wheat Starch
68241006	Media Blasting: Grit
68241008	Media Blasting: Sand
68241010	Media Blasting: Carbon Dioxide
68241012	Media Blasting: Sodium Bicarbonate
68241013	Media Blasting: Ice Crystal
68241030	Media Blasting: Other Not Listed
68241036	UV Removal
68241038	Water Jet: Blasting
68241039	High Pressure Water Jet: Blasting
68241042	Excimer Flash Lamp
68241044	Xenon Flash Lamp

SCC	SCC Description
<u>6-82-410 Paint Stripper Users - Non-chemical Strippers</u>	
68241046	Carbon Dioxide Pulsed Laser
68241098	Other Non-chemical: Blasting
<u>6-82-820 Wastewater, Aggregate</u>	
68282001	Process Area Drains
68282002	Process Equipment Drains
<u>6-82-825 Wastewater, Points of Generation</u>	
68282599	Specify Point of Generation
<u>6-84 MISCELLANEOUS PROCESSES (CHEMICALS)</u>	
<u>6-84-300 Chlorinated Paraffins Production, Batch Process</u>	
68430001	Chlorinated Paraffins: Batch Process
68430010	Process Vents
68430011	Process Vents: Paraffins/Chlorine Reactor
68430020	Process Vents: Paraffins Stabilization Vessel
68430030	Process Vents: Product Storage
68430031	Process Vents: Partially Chlorinated Paraffin Storage Vessel
68430032	Process Vents: Product Storage: Chlorinated Paraffin
<u>6-84-301 Chlorinated Paraffins Production, Continuous Process</u>	
68430101	Chlorinated Paraffins: Continuous Process
68430110	Process Vents
68430111	Process Vents: Paraffins/Chlorine Reactors
68430120	Process Vents: Paraffins Stabilization Vessel
68430130	Process Vents: Product Storage
68430131	Process Vents: Partially Chlorinated Paraffin Storage Vessel
68430132	Process Vents, Product Storage: Chlorinated Paraffin
<u>6-84-350 Dodecanoic Acid Production</u>	
68435001	Dodecanedioic Acid Production
68435010	Process Vents
68435011	Process Vents: Butadiene Dryer
68435012	Process Vents: Reactor

SCC	SCC Description
<u>6-84-350 Dodecanoic Acid Production</u>	
68435013	Process Vents: Jets
68435040	Waste Liquids
<u>6-84-400 Ethylidene Norbornene Production</u>	
68440001	Ethylidene Norbornene Production
68440010	Process Vents
<u>6-84-450 Hydrazine Production, Olin Raschig Process</u>	
68445001	Hydrazine Production, Olin Raschig Process
68445010	Process Vents: Hydrazine Hydrate Production
68445011	Process Vents: Chlorination Reactor
68445012	Process Vents: Chloramine Reactor
68445013	Process Vents: Hydrazine Reactor
68445014	Process Vents: Crystallizing Evaporator
68445015	Process Vents: Hydrate Columns
68445020	Process Vents: Anhydrous Hydrazine Production
68445021	Process Vents: Azeotrope Column
68445022	Process Vents: Hydrazine Column
68445030	Ammonia Recovery System
68445040	Product Storage
<u>6-84-451 Hydrazine Production, Bayer Ketazine Process</u>	
68445101	Hydrazine Production, Bayer Ketazine Process
68445110	Process Vents: Bayer Ketazine Process
68445111	Process Vents: Hypochlorinator
68445115	Process Vents: Ketazine Reactor
68445120	Process Vents: NH3 Recovery System (Stripper)
68445125	Process Vents: Ketazine Column
68445130	Process Vents: Pressure Hydrolysis Column
68445135	Process Vents: Concentrating Column
68445140	Process Vents: End Product Storage
<u>6-84-452 Hydrazine Production, PCUK Peroxide Process</u>	
68445201	Hydrazine Production, PCUK Peroxide Process
68445210	Process Vents: PCUK Peroxide Process
68445211	Process Vents: Reactor Vessel

SCC	SCC Description
<u>6-84-452 Hydrazine Production, PCUK Peroxide Process</u>	
68445212	Process Vents: Phase Separator Decanter
68445213	Process Vents: Concentrator
68445214	Process Vents: Distillation
68445215	Process Vents: Hydrolyzer
68445220	Process Vents: End Product Storage
<u>6-84-800 Equipment Leaks</u>	
68480001	Equipment Leaks
<u>6-84-820 Wastewater, Aggregate</u>	
68482001	Process Area Drains
68482002	Process Equipment Drains
<u>6-84-825 Wastewater, Points of Generation</u>	
68482501	Aniline Decanter
68482502	Ketazine Column
68482503	Distillation Purge
68482504	Concentrator Purge
68482599	Specify Point of Generation
<u>6-85 MISCELLANEOUS PROCESSES (CHEMICALS)</u>	
<u>6-85-100 Phthalate Plasticizers Production</u>	
68510001	Phthalate Plasticizer Production
68510010	Process Vents
68510011	Process Vents: Batch Reactor
<u>6-85-800 Equipment Leaks</u>	
68580001	Equipment Leaks
<u>6-85-820 Wastewater, Aggregate</u>	
68582001	Process Area Drains
68582002	Process Equipment Drains
<u>6-85-825 Wastewater, Points of Generation</u>	
68582599	Specify Point of Generation