

## MEMORANDUM

**To:** Docket      EPA-HQ-OAR-2009-0924

**From:** Lisa Grogan-McCulloch, EPA/Climate Change Division and  
Ruth Mead and Amanda Baynham, ERG

**Date:** July 20, 2010

**Subject:** Data category assignments for the proposed new and revised 40 CFR part 98 data elements addressed in the *Proposed Confidentiality Determinations for Data Required under the Mandatory Greenhouse Gas Reporting Rule: Supplemental Proposal*

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Today, EPA signed the following two proposals: *Revision of Certain Provisions of the Mandatory Reporting of Greenhouse Gases Rule: Proposed Rulemaking (Amendments Proposal)*; and *Proposed Confidentiality Determinations for Data Required under the Mandatory Greenhouse Gas Reporting Rule: Supplemental Proposal (Supplemental Confidentiality Proposal)*. In this memorandum, we show the data category assignments and proposed confidentiality determinations made in today's Supplemental Confidentiality Proposal for the new and revised data elements proposed under the concurrent Amendments Proposal.

### Background

EPA published the Mandatory Greenhouse Gas Reporting Rule on October 30, 2009 (74 FR 56260). This rule includes data reporting requirements, codified at 40 CFR Part 98, which are designed to collect the information necessary to characterize and quantify greenhouse gas (GHG) emissions from a broad range of industry sectors and which apply to direct emitters of GHGs (e.g., glass manufacturing facilities) and to suppliers of products that when used may result in the release of GHGs into the atmosphere (e.g., fossil fuels and industrial GHGs). During the development of Part 98, EPA received a number of comments from businesses and other stakeholders regarding their concern that some of the data reported consisted of trade secrets and other confidential business information that, if released to the public, would likely harm their competitive position. To address these concerns, EPA issued the *Proposed Confidentiality Determinations for Data Required under the Mandatory Greenhouse Gas Reporting Rule and Proposed Amendment to Special Rules Governing Certain Information Obtained under the Clean Air Act* (Confidentiality Proposal) on July 7, 2010 (75 FR 39094) to establish which Part 98 data elements are entitled to confidential treatment. The Confidentiality Proposal proposes confidentiality determinations for part 98 data elements, as well as amendments to EPA's *Special Rules governing certain information obtained under the Clean Air Act* at 40 CFR 2.301.

Today, EPA signed the Amendments Proposal, which proposes amendments to Part 98 that, if finalized, would make clarifying and technical changes to reporting requirements. Proposed revisions include allowing greater flexibility or simplified calculation methods for certain sources, amending data reporting requirements and definitions, and providing technical

corrections, clarifying and other amendments. Since the Amendments Proposal was published after the Confidentiality Proposal, EPA was not able to address the proposed revisions to the reported data elements in the initial Confidentiality Proposal. Therefore, EPA also signed today the Supplemental Confidentiality Proposal to address the confidentiality of the data elements in the Amendment Proposal. In this memorandum, we show the data category assignments and proposed confidentiality determinations made under the Supplemental Confidentiality Proposal for the new and revised data elements proposed under the concurrent Amendments Proposal. For information on EPA's approach to making confidentiality determinations for these data elements and the rationale for EPA's proposed determinations, please see the preambles to the July 7, 2010 Confidentiality Proposal and today's Supplemental Confidentiality Proposal. Copies of these proposals are available on EPA's Web site: <http://www.epa.gov/climatechange/emissions/CBI.html>

As discussed in the Confidentiality Proposal, the first step to making the proposed confidentiality determinations was grouping similar data elements together into data categories. EPA developed a total of 22 distinct data categories, with 11 data categories for the direct emitter source categories and 11 for the supplier source categories. The data elements within a given data category are either the same type of data (e.g., emissions, facility identification information) or have similar characteristics (e.g., are inputs used to calculate emissions). For example, the data category for inputs to equations includes many different types of data elements, such as fuel consumption, product output, and carbon content. However, they all share the same characteristic of being used to calculate GHG emissions. For a list of the 22 data categories see Appendix A to this memorandum.

In the Confidentiality Proposal, EPA proposed confidentiality determinations on a category basis for 19 of the 22 data categories. For the remaining three data categories, EPA proposed confidentiality determinations on a data element basis, rather than for the data category as a whole. The data category assignments and proposed confidentiality determinations for the data elements addressed in the Confidentiality Proposal are listed in a memorandum titled *Data category assignments for reporting elements to be reported under 40 CFR part 98 and its amendments* (See EPA-HQ-OAR-2009-0924-0007), which is available online at [www.regulations.gov](http://www.regulations.gov).

#### Data Elements Addressed in the Supplemental Confidentiality Proposal

In the Amendments Proposal, EPA proposed changes that would clarify and revise certain reporting requirements. Some of the proposed changes to the reporting requirements are editorial corrections, such as corrections to rule citations and cross-references. Other changes consist of minor revisions to existing reporting requirements, such as changes to clarify what type of data facilities and suppliers should report. For example, some changes to existing reporting requirements clarify whether the data should be reported at the facility or unit-level. Other proposed changes include allowing greater flexibility or simplified calculation methods for certain sources, amending data reporting requirements and definitions. In some cases, these changes include addition of new reporting requirements and deletion of existing reporting requirements. Since these changes to the reporting requirements were proposed after the publication of the Confidentiality Proposal, they were not addressed in the initial Confidentiality Proposal and are therefore addressed in today's Supplemental Confidentiality Proposal.

In this memorandum, we show the data category assignments and proposed confidentiality determinations made under the Supplemental Confidentiality Proposal for the new and revised data elements proposed under the Amendments Proposal. These data elements are in 40 CFR part 98, subpart A and the following Part 98 subparts, as promulgated in 2009:

- subpart C, General Stationary Fuel Combustion Sources;
- subpart D, Electricity Generation;
- subpart F, Aluminum Production;
- subpart G, Ammonia Manufacturing;
- subpart V, Nitric Acid Production;
- subpart X, Petrochemical Production;
- subpart Y, Petrochemical Production;
- subpart OO, Suppliers of Industrial Greenhouse Gases; and
- subpart PP, Suppliers of Carbon Dioxide.

The lists of proposed new and revised data elements included in each data category are shown in Appendix B to this memorandum. Tables B-1 and B-2 list the data category assignments for the proposed new and revised data elements in the direct emitter and supplier data categories, respectively. The data category assignments for proposed revised data elements are also included in these tables. The data category assignments for the proposed revised data elements remain unchanged from those proposed in the July 7, 2010 Confidentiality Proposal.

The Amendments Proposal also includes changes to the rule citations for several of the existing data elements due to the proposed deletions and additions of reporting requirements. The proposed citation changes do not change the data elements' contents or their data category assignments. Table C-1 in Appendix C to this memorandum shows a list of these data elements with the current and proposed new rule citations.

## **Appendix A**

### **List of Proposed Data Categories For the Direct Emitter and Supplier Source Categories**

**Table A-1: List of Proposed Data Categories for Direct Emitter Source Categories**

**Table A-2: List of Proposed Data Categories for Supplier Source Categories**

**Table A-1: List of Proposed Data Categories for Direct Emitter Source Categories**

In the Confidentiality Proposal published on July 7, 2010, EPA grouped data elements to be reported by direct emitters under 40 CFR part 98 into the following 11 data categories. Under part 98, direct emitters are facilities that directly emit GHGs to the atmosphere (i.e., sources that meet the criteria in 40 CFR 98.2(a)(1), (a)(2), or (a)(3)).

<b>Data Category</b>
Facility and unit identifier information.
Emissions.
Inputs to emission equations.
Calculation methodology and methodological tier.
Data elements reported for periods of missing data that are not inputs to emission equations.
Unit/process “static” characteristics that are not inputs to emission equations.
Unit/process operating characteristics that are not inputs to emission equations.
Test and calibration methods.
Production/throughput data that are not inputs to emission equations.
Raw materials consumed that are not inputs to emission equations.
Process-specific and vendor data submitted in BMM extension requests.

**Table A-2: List of Proposed Data Categories for Supplier Source Categories**

In the Confidentiality Proposal published on July 7, 2010, EPA grouped data elements to be reported by suppliers under 40 CFR part 98 into the following 11 data categories. Under part 98, suppliers include entities that supply fuels, industrial gases, and CO<sub>2</sub> to the economy and meet the criteria in 40 CFR 98.2(a)(4). In general, these data elements include the quantities of fuel products or industrial gases supplied into the economy (i.e., through import or U.S. production) or exported to another country.

<b>Data Category</b>
Greenhouse Gases reported.
Production/throughput quantities and composition.
Identification information.
Unit/process operating characteristics.
Calculation, test, and calibration methods.
Data elements reported for periods of missing data that are not related to production/throughput or materials received.
Emission factors.
Amount and composition of materials received.
Data elements reported for periods of missing data that are related to production/throughput or materials received.
Supplier customer and vendor information.
Process-specific and vendor data submitted in Best Available Monitoring Method extension requests.

## **Appendix B**

### **Data Category Assignments and Proposed Confidentiality Determinations for New and Revised Data Elements Included in the Proposed Amendments to Part 98**

**Table B-1: List of Proposed New and Revised Data Elements in the Direct Emitter Subparts**

**Table B-2: List of Proposed New and Revised Data Elements in the Supplier Subparts**

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

<sup>1</sup> This data element is not assigned to a category because the data element refers to a reporting requirement specified under another subpart that has already been assigned to a category under that subpart.

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
<b>A - General Reporting Requirements</b>	<b>Facility or supplier ID number</b>	<b>98.3c1 &amp; 98.3d3i</b>	X										
A - General Reporting Requirements	Physical street address of the facility, including the city, state, and zip code	98.3c1 & 98.3d3i	X										
A - General Reporting Requirements	Annual emissions (excluding <del>including</del> biogenic CO <sub>2</sub> ) aggregated for all GHGs for all applicable source categories in subpart C through JJ.	98.3c4i			X								
A - General Reporting Requirements	Annual emissions of biogenic CO <sub>2</sub> (metric tons) for all GHGs for all applicable source categories in subpart C through JJ. <b>Units that use the methodologies in part 75 of this chapter to calculate CO<sub>2</sub> mass emissions are not required to separately report biogenic CO<sub>2</sub> emissions but may do so as an option.</b>	98.3c4ii			X								
A - General Reporting Requirements	Annual emissions of CO <sub>2</sub> (excluding <del>including</del> biogenic CO <sub>2</sub> ) for all GHGs for all applicable source categories in subpart C through JJ.	98.3c4iilB			X								
<b>A - General Reporting Requirements</b>	<b>Provide information demonstrating that the previously submitted report does not contain the identified substantive error or that the identified error is not a substantive error.</b>	<b>98.3h2</b>						X					
A - General Reporting Requirements	Organization name (company affiliation/employer) for the designated representative	98.4i2	X										
A - General Reporting Requirements	Organization name (company affiliation/employer) for the alternate designated representative	98.4i2	X										
A - General Reporting Requirements	For Extension Request for use of BAMM beyond December 31, 2010 in cases where meter installation would require unit or process shutdown: include specific measurement device for which the request is being made. (For facilities Required to report under subpart P, subpart X or subpart Y)	98.3j4i				X							



**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										Process Specific & Vendor Data Submitted in BAMM Extension Requests
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
A - BAMM Extension Request	For Extension Request for use of BAMM beyond December 31, 2010 in cases where meter installation would require unit or process shutdown: report the location where each measuring device will be installed. (For facilities Required to report under subpart P, subpart X or subpart Y)	98.3j4i											X
A - BAMM Extension Request	For Extension Request for use of BAMM beyond December 31, 2010 in cases where meter installation would require unit or process shutdown: provide identification of the specific rule requirements (by rule subpart, section, and paragraph numbers) requiring the measurement device. (For facilities Required to report under subpart P, subpart X or subpart Y)	98.3j4ii						X					
A - BAMM Extension Request	For Extension Request for use of BAMM beyond December 31, 2010 in cases where meter installation would require unit or process shutdown: include a description of the reasons why the needed equipment could not be installed before April 1, 2010, in cases where a request for extension of use of best available monitoring methods was not submitted to EPA, or by the expiration date for the use of best available monitoring methods, in cases where an extension has been granted under §98.3(d). (For facilities Required to report under subpart P, subpart X or subpart Y)	98.3j4iii											X

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
<b>A - BAMM Extension Request</b>	<b>For Extension Request for use of BAMM beyond December 31, 2010 in cases where meter installation would require unit or process shutdown: include supporting documentation showing that it is not practicable to isolate the process equipment or unit and install the monitoring equipment without a full shutdown, and that there was no opportunity during 2010 to install the device. Include the date of the three most recent shutdowns for each relevant process equipment or unit, the frequency of shutdowns for each relevant process equipment or unit, and the date of the next planned process equipment or unit shutdown. (For facilities Required to report under subpart P, subpart X or subpart Y)</b>	<b>98.3j4iv</b>											X
<b>A - BAMM Extension Request</b>	<b>For Extension Request for use of BAMM beyond December 31, 2010 in cases where meter installation would require unit or process shutdown: include a description of the proposed best available monitoring method for estimating GHG emissions prior to installation of the meter. (For facilities Required to report under subpart P, subpart X or subpart Y)</b>	<b>98.3j4v</b>						X					
C - Stationary Combustion	<b>Methodology (i.e., Tier) used to calculate the CO<sub>2</sub> emissions for each type of fuel combusted</b>	98.36b5						X					
<b>C - Stationary Combustion</b>	<b>Methodology start date for each fuel type</b>	<b>98.36b6</b>						X					
<b>C - Stationary Combustion</b>	<b>Methodology end date for each fuel type</b>	<b>98.36b7</b>						X					
C - Stationary Combustion	For a unit that uses Tiers 1, 2, or and 3: Report the <b>annual CO<sub>2</sub> mass emissions (including biogenic CO<sub>2</sub>)</b> for each type of fuel combusted <b>during the reporting year.</b>	98.36b8i-6			X								

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	For a unit that uses Tiers 1, 2, <del>or and</del> 3: report the <b>annual CH<sub>4</sub> mass</b> emissions in metric tons of gas for each fuel combusted <b>during the reporting year.</b>	98.36b <del>8i</del> -6			X								
C - Stationary Combustion	For a unit that uses Tiers 1, 2, <del>or and</del> 3: report: report the <b>annual CH<sub>4</sub> mass</b> emissions in metric tons of CO <sub>2</sub> e for each fuel combusted <b>during the reporting year.</b>	98.36b <del>8i</del> -6			X								
C - Stationary Combustion	For a unit that uses Tiers 1, 2, <del>or and</del> 3: report the <b>annual N<sub>2</sub>O mass</b> emissions in metric tons of gas for each fuel combusted <b>during the reporting year.</b>	98.36b <del>8i</del> -6			X								
C - Stationary Combustion	For a unit that uses Tiers 1, 2, <del>or and</del> 3: report the <b>annual N<sub>2</sub>O mass</b> emissions in metric tons of CO <sub>2</sub> e for each fuel combusted <b>during the reporting year.</b>	98.36b <del>8i</del> -6			X								
<b>C - Stationary Combustion</b>	<b>For a unit that uses Tiers 1, 2, or and 3: report the metric tons of biogenic CO<sub>2</sub> emissions (if applicable).</b>	<b>98.36b8ii</b>			<b>X</b>								
<b>C - Stationary Combustion</b>	<b>For each unit that uses Tier 4: If the total annual CO<sub>2</sub> mass emissions measured by the CEMS consists entirely of non-biogenic CO<sub>2</sub> (i.e., CO<sub>2</sub> from fossil fuel combustion plus, if applicable, CO<sub>2</sub> from sorbent and/or process CO<sub>2</sub>), report the total annual CO<sub>2</sub> mass emissions, expressed in metric tons. You are not required to report CO<sub>2</sub> emissions by fuel type.</b>	<b>98.36b9i</b>			<b>X</b>								
C - Stationary Combustion	<b>If the total annual CO<sub>2</sub> mass emissions measured by the CEMS includes both biogenic and non-biogenic CO<sub>2</sub> mass emissions, separately report the annual non-biogenic CO<sub>2</sub> mass emissions, expressed in metric tons from combustion of fossil fuels. You are not required to report the combustion CO<sub>2</sub> emissions by fuel type of fuel is not required.</b>	98.36b9ii <del>7ii</del>			X								

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	<b>If the total annual CO<sub>2</sub> mass emissions measured by the CEMS includes both biogenic and non-biogenic CO<sub>2</sub> mass emissions, separately report the annual CO<sub>2</sub> mass emissions from biomass combustion, expressed in metric tons. <del>from combustion of fossil fuels. You are not required to report the combustion CO<sub>2</sub> emissions by fuel type of fuel is not required.</del></b>	98.36b9ii 7ii			X								
<b>C - Stationary Combustion</b>	<b>Estimate of the heat input from each type of fuel listed in Table C-2 that was combusted in the unit during the report year</b>	<b>98.36b9iii</b>		X									
C - Stationary Combustion	<del>Annual CH<sub>4</sub> emissions for each of these fuels for each type of combusted fuel.</del>	<del>98.36b9iii 7ii</del>			X								
C - Stationary Combustion	<del>Annual CH<sub>4</sub> emissions (CO<sub>2</sub>e) for each of these fuels for each type of combusted fuel.</del>	<del>98.36b9iii 7ii</del>			X								
C - Stationary Combustion	<del>Annual N<sub>2</sub>O emissions of these fuels for each type of combusted fuel.</del>	<del>98.36b9iii 7ii</del>			X								
C - Stationary Combustion	<del>Annual N<sub>2</sub>O emissions (CO<sub>2</sub>e) for each of these fuels for each type of combusted fuel.</del>	<del>98.36b9iii 7ii</del>			X								
<b>C - Stationary Combustion</b>	<b>Number of units in the group</b>	<b>98.36c1ii</b>					X						
C - Stationary Combustion	<del>Annual CO<sub>2</sub> mass emissions (CO<sub>2</sub>e) for each type of fuel combusted in the group during the report year</del>	<del>98.36c1vi</del>			X								
C - Stationary Combustion	<del>Annual CH<sub>4</sub> mass emissions for each type of fuel combusted in the group during the report year expressed in metric tons of gas.</del>	<del>98.36c1vi</del>			X								
C - Stationary Combustion	<del>Annual CH<sub>4</sub> mass emissions expressed in metric tons of CO<sub>2</sub>e for each type of fuel combusted in the group during the report year.</del>	<del>98.36c1vi</del>			X								
C - Stationary Combustion	<del>Annual N<sub>2</sub>O mass emissions expressed in metric tons of gas for each type of fuel combusted in the group during the report year.</del>	<del>98.36c1vi</del>			X								

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										Process Specific & Vendor Data Submitted in BMM Extension Requests
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	<b>Annual N<sub>2</sub>O mass</b> emissions expressed in metric tons of CO <sub>2</sub> e for each type of fuel combusted in the group during the <b>report year</b> .	98.36c1vi			X								
C - Stationary Combustion	<b>Methodology (i.e., Tier)</b> used to calculate the CO <sub>2</sub> mass emissions	98.36c1vii						X					
<b>C - Stationary Combustion</b>	<b>Methodology start date for each fuel type</b>	<b>98.36c1viii</b>						X					
<b>C - Stationary Combustion</b>	<b>Methodology end data for each fuel type</b>	<b>98.36c1ix</b>						X					
C - Stationary Combustion	Calculated CO <sub>2</sub> mass emissions from sorbent <b>expressed in metric tons.</b>	98.36c1xviii			X								
C - Stationary Combustion	When the flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together in discharged</b> through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO <sub>2</sub> mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b> Report the common stack or duct identification number, beginning with the prefix "CS".	98.36c2i	X										

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
<b>C - Stationary Combustion</b>	<b>The flue gases from two or more stationary fuel combustion units at a facility are combined together in discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere. Report "1" when the flue gas flowing through the common stack or duct includes both combustion products and process off-gases, and all of the effluent comes from a single unit (e.g., a furnace, kiln, or smelter).</b>	<b>98.36c2ii</b>				X							

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

<sup>1</sup> This data element is not assigned to a category because the data element refers to a reporting requirement specified under another subpart that has already been assigned to a category under that subpart.

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together in</b> <del>discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b></del> <b>Combined maximum rated heat input capacity of each the units sharing the common stack or duct. This data element is required only when all of the units sharing the common stack are stationary fuel combustion units.</b>	98.36c2iii				X							
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together in</b> <del>discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b></del> Each type of Fuel combusted in the units during the year	98.36c2iv					X						

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together in</b> <del>discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units.</del> <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b> The methodology (tier) used to calculate the CO <sub>2</sub> mass emissions, i.e., Tier 4	98.36c2v						X					



**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
<b>C - Stationary Combustion</b>	<b>The flue gases from two or more stationary fuel combustion units at a facility are combined together in a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere. Report the methodology start date.</b>	<b>98.36c2vi</b>											

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

<sup>1</sup> This data element is not assigned to a category because the data element refers to a reporting requirement specified under another subpart that has already been assigned to a category under that subpart.

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category											
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests	
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI	
C - Stationary Combustion	The flue gases from two or more stationary fuel combustion units at a facility are combined together in a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere. Report the methodology end date.	98.36c2vii												
C - Stationary Combustion	The flue gases from two or more stationary fuel combustion units at a facility are combined together in discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere. Report total annual CO<sub>2</sub> mass emissions measured by the CEMS, expressed in metric tons.</b>	98.36c2viii												

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together in</b> <del>discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units.</del> <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b> Report the annual CO <sub>2</sub> emissions from combustion of fossil fuels	98.36c2viii			X								

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together in</b> <del>discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units.</del> <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b> If any of the units burn both fossil fuels and biomass, <b>separately report the annual non-biogenic CO2 emissions (i.e., CO2 emissions from fossil fuel combustion plus, if applicable, CO2 emissions from sorbent and/or process CO2) and the annual CO2 emissions from biomass combustion, each</b> expressed in metric tons.	98.36c2viii			X								

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										Process Specific & Vendor Data Submitted in BAMM Extension Requests
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together</b> in discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b> CH <sub>4</sub> emissions in metric tons of gas.	98.36c2vii <del>ix</del>			X								
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together</b> in discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b> CH <sub>4</sub> emissions in metric tons of CO <sub>2</sub> e.	98.36c2vii <del>ix</del>			X								

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

<sup>1</sup> This data element is not assigned to a category because the data element refers to a reporting requirement specified under another subpart that has already been assigned to a category under that subpart.

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together</b> in discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b> N <sub>2</sub> O emissions in metric tons of gas.	98.36c2vii <b>ix</b>			X								
C - Stationary Combustion	The flue gases from two or more stationary <b>fuel</b> combustion units at a facility are <b>combined together</b> in discharged through a common stack or duct before exiting to the atmosphere and if CEMS are used to continuously monitor CO2 mass emissions at the common stack or duct according to the Tier 4 Calculation Methodology, you may report the combined emissions from the units sharing the common stack or duct, in lieu of separately reporting the GHG emissions from the individual units. <b>This monitoring and reporting alternative may also be used when process off-gases or a mixture of combustion products and process gases are combined together in a common stack or duct before exiting to the atmosphere.</b> N <sub>2</sub> O emissions in metric tons of CO <sub>2</sub> e.	98.36c2vii <b>ix</b>			X								
C - Stationary Combustion	<b>When the common pipe reporting option is selected, report the number of units served by the common pipe.</b>	98.36c3ii				X							

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

<sup>1</sup> This data element is not assigned to a category because the data element refers to a reporting requirement specified under another subpart that has already been assigned to a category under that subpart.

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

		Category											
Subpart	Data Element	Reporting Section	Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
Proposed Confidentiality Determinations			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	When the common pipe reporting option is selected, report the <del>highest</del> maximum rated heat input capacity of <del>any</del> each unit served by the common pipe	98.36c3iii						X					
<b>C - Stationary Combustion</b>	<b>When the common pipe reporting option is selected, report the annual CO<sub>2</sub> mass emissions from each fuel type for the units served by the common pipe, expressed in metric tons.</b>	<b>98.36c3vii</b>			X								
C - Stationary Combustion	When the common pipe reporting option is selected, report the annual CH <sub>4</sub> emissions <b>from each fuel type</b> for the units served by the common pipe, expressed in metric tons of gas.	98.36c3vii			X								
C - Stationary Combustion	When the common pipe reporting option is selected, report the annual N <sub>2</sub> O emissions <b>from each fuel type</b> for the units served by the common pipe, expressed in metric tons of gas.	98.36c3vii			X								
C - Stationary Combustion	When the common pipe reporting option is selected, report the annual CH <sub>4</sub> emissions <b>from each fuel type</b> for the units served by the common pipe, expressed in metric tons of CO <sub>2</sub> e.	98.36c3vii			X								
C - Stationary Combustion	When the common pipe reporting option is selected, report the annual N <sub>2</sub> O emissions <b>from each fuel type</b> for the units served by the common pipe, expressed in metric tons of CO <sub>2</sub> e.	98.36c3vii			X								
<b>C - Stationary Combustion</b>	<b>When the common pipe reporting option is selected, report the methodology start date</b>	<b>98.36c3viii</b>						X					
<b>C - Stationary Combustion</b>	<b>When the common pipe reporting option is selected, report the methodology end date</b>	<b>98.36c3ix</b>						X					

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

<sup>1</sup> This data element is not assigned to a category because the data element refers to a reporting requirement specified under another subpart that has already been assigned to a category under that subpart.

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	For stationary combustion units that are <del>subject to subpart D of this part either subject to the Acid Rain Program or not in the Acid Rain Program but monitor and report CO2 mass emissions year-round according to 40 CFR part 75-U: Report the unit or stack identification numbers (same unit, common stack, <b>common pipe</b>, or multiple stack identification numbers that represent the monitored locations (e.g., 1, 2, CS001, MS1A, CP001, etc.) that are reported under §75.64 of this chapter.)</del>	98.36d1i	X										
C - Stationary Combustion	For stationary combustion units that are <del>subject to subpart D of this part either subject to the Acid Rain Program or not in the Acid Rain Program but monitor and report CO2 mass emissions year-round according to 40 CFR part 75. Annual CO2 emissions at each monitored location, expressed in both short tons and metric tons. Reporting of biogenic CO2 under 98.3(c)(4)(ii) and 98.3(c)(4)(iii)(A) is optional. Subpart D units are not required to report biogenic CO2 emissions under 98.3(c)(4)(ii) and 98.3(c)(4)(iii)(A). CO2-emissions (CO2e)</del>	98.36d1ii			X								
C - Stationary Combustion	For stationary combustion units that are <del>subject to subpart D of this part either subject to the Acid Rain Program or not in the Acid Rain Program but monitor and report CO2 mass emissions year-round according to 40 CFR part 75-: Annual CH4 emissions for each monitored location, for each fuel type listed in Table C-2 that was combusted during the year (except as otherwise provided in 98.33(c)(4)(ii)(B)), expressed in metric tons of CO2e</del>	98.36d1iii			X								



**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

<sup>1</sup> This data element is not assigned to a category because the data element refers to a reporting requirement specified under another subpart that has already been assigned to a category under that subpart.

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

		Category											
Subpart	Data Element	Reporting Section	Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	For stationary combustion units that are <del>subject to subpart D of this part either subject to the Acid Rain Program or not in the Acid Rain Program but monitor and report CO2 mass emissions year-round according to 40 CFR part 75-</del> <b>Annual N<sub>2</sub>O emissions for each monitored location, for each fuel type listed in Table C-2 that was combusted during the year (except as otherwise provided in 98.33(c)(4)(ii)(B)),</b> expressed in metric tons of CO <sub>2</sub> e	98.36d1iii			X								
C - Stationary Combustion	For stationary combustion units that are <b>subject to subpart D of this part: The total heat input from each fuel listed in Table C-2 that was combusted during the year (except as otherwise provided in 98.33(c)(4)(ii)(B)),</b> expressed in mmBtu.	98.36d1iv		X									
C - Stationary Combustion	For stationary combustion units that are <del>subject to subpart D of this part either subject to the Acid Rain Program or not in the Acid Rain Program but monitor and report CO2 mass emissions year-round according to 40 CFR part 75-</del> Identification of the Part 75 methodology used to determine the CO <sub>2</sub> mass emissions	98.36d1v-iii						X					
C - Stationary Combustion	For stationary combustion units that are <b>subject to subpart D of this part : Methodology start date</b>	98.36d1vi						X					
C - Stationary Combustion	For stationary combustion units that are <b>subject to subpart D of this part : Methodology end date</b>	98.36d1vii						X					
C - Stationary Combustion	For stationary combustion units that are <b>subject to subpart D of this part : Acid Rain Program indicator</b>	98.36d1viii						X					
C - Stationary Combustion	For stationary combustion units that are <b>subject to subpart D of this part : Annual CO<sub>2</sub> mass emissions from the combustion of biomass, expressed in metric tons of CO<sub>2</sub>e (optional)</b>	98.36d1ix			X								

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

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Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	For units that use the alternative CO2 mass emissions calculation methods <del>for units with continuous monitoring systems</del> provided in §98.33(a)(5), report the unit, stack, or pipe ID number (exact same unit, common stack, <b>common pipe</b> or multiple stack identification numbers that represent the monitored locations (e.g., 1, 2, CS001, MS1A, <b>CP001</b> , etc.) that are reported under §75.64 of this chapter)	98.36d2i	X										
C - Stationary Combustion	<b>Units use the alternative methods specified in §98.33(a)(5)(i) and (ii) to monitor and report heat input data year-round according to appendix D to 40 CFR part 75 or 40 CFR 75.19; If subject to 40 CFR part 75; use the alternative CO2 mass emissions calculation methods provided in §98.33(a)(5), report the Methodology start date</b>	<b>98.36d2iiC</b>						X					
C - Stationary Combustion	<b>Units use the alternative methods specified in §98.33(a)(5)(i) and (ii) to monitor and report heat input data year-round according to appendix D to 40 CFR part 75 or 40 CFR 75.19; If subject to 40 CFR part 75; use the alternative CO2 mass emissions calculation methods provided in §98.33(a)(5), report the Methodology end date.</b>	<b>98.36d2iiD</b>						X					
C - Stationary Combustion	For units use the alternative methods specified in §98.33(a)(5)(i) and (ii) to monitor and report heat input data year-round according to appendix D to part 75 of this chapter or 75.19 of this chapter; <b>Report annual heat input from each type of fuel listed in Table C-2 of this subpart that was combusted during the reporting year, expressed in mmBtu.</b>	<b>98.36d2iiG</b>		X									

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

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Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
Proposed Confidentiality Determinations			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	For units use the alternative methods specified in §98.33(a)(5)(i) and (ii) to monitor and report heat input data year-round according to appendix D to part 75 of this chapter or 75.19 of this chapter; Report CH4 emissions at each monitored location, <b>from each fuel type listed in Table C-2 of this subpart that was combusted during the reporting year (except as otherwise provided in 98.33(c)(4)(ii)(D), expressed in metric tons CO<sub>2</sub>e</b>	98.36d2iiH <del>D</del>			X								
C - Stationary Combustion	For units use the alternative methods specified in §98.33(a)(5)(i) and (ii) to monitor and report heat input data year-round according to appendix D to part 75 of this chapter or 75.19 of this chapter; Report N2O emissions at each monitored location, <b>from each fuel type listed in Table C-2 of this subpart that was combusted during the reporting year (except as otherwise provided in 98.33(c)(4)(ii)(D), expressed in metric tons CO<sub>2</sub>e.</b>	98.36d2iiH <del>D</del>			X								
C - Stationary Combustion	For units use the alternative methods specified in §98.33(a)(5)(i) and (ii) to monitor and report heat input data year-round according to appendix D to part 75 of this chapter or 75.19 of this chapter; <b>Report Annual CO<sub>2</sub> mass emissions from the combustion of biomass, expressed in metric tons CO<sub>2</sub>e (optional).</b>	98.36d2iiI			X								
C - Stationary Combustion	<b>Each type of fuel combusted during the reporting year.</b>	98.36d2iiiA					X						
C - Stationary Combustion	<b>Methodology start date</b>	98.36d2iiiC						X					
C - Stationary Combustion	<b>Methodology end date</b>	98.36d2iiiD						X					
C - Stationary Combustion	<b>Annual heat input from each type of fuel listed in Table C-2 of this subpart that was combusted during the reporting year, expressed in mmBtu.</b>	98.36d2iiiG		X									

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
Proposed Confidentiality Determinations			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	<b>Annual CH<sub>4</sub> emissions at each monitored location, from each type of fuel listed in Table C-2 of this subpart that was combusted during the reporting year (except as otherwise provided in 98.33(c)(4)(ii)(B), expressed in metric tons of CO<sub>2</sub>e.</b>	98.36d2iiiH D			X								
C - Stationary Combustion	<b>Annual N<sub>2</sub>O emissions at each monitored location, from each type of fuel listed in Table C-2 of this subpart that was combusted during the reporting year (except as otherwise provided in 98.33(c)(4)(ii)(B), expressed in metric tons of CO<sub>2</sub>e.</b>	98.36d2iiiH D			X								
<b>C - Stationary Combustion</b>	<b>Annual CO<sub>2</sub> mass emissions from the combustion of biomass, expressed in metric tons CO<sub>2</sub>e (optional).</b>	<b>98.36d2iiil</b>			X								
C - Stationary Combustion	Total quantity of each type of fuel combusted in each unit or group of aggregated units (as applicable) during the reporting year, in short tons for solid fuels, gallons for liquid fuels and standard cubic feet or, <b>if applicable, therms</b> for gaseous fuels.	98.36e2i		X									
C - Stationary Combustion	High heat values used in the CO <sub>2</sub> emissions calculations for each fuel combusted <b>during the reporting year. Report a HHV value for each calendar month in which HHV determination is required. If multiple values are obtained in a given month, report the arithmetic average value for the month.</b>	98.36e2iiC		X									
C - Stationary Combustion	Indicate whether each <b>reported</b> HHV is a measured value of <b>or</b> a substitute data value	98.36e2iiC										X	
C - Stationary Combustion	Total quantity (i.e., pounds) of steam produced from MSW or solid fuel combustion during <b>each month of the reporting year,</b>	98.36e2iiD		X									

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	Quantity of each type of fuel combusted in the unit or group of units (as applicable) during <b>each month of the reporting year.</b>	98.36e2ivA		X									
C - Stationary Combustion	The carbon content used in the emission calculations (including both valid and substitute data values). <b>For each calendar month of the reporting year in which carbon content and, if applicable, molecular weight determination is required, report a value of each parameter. If multiple values of a parameter are obtained in a given month, report the arithmetic average value for the month.</b> <del>Report all measured values if the fuel is sampled monthly or less frequently. Otherwise, for daily and weekly sampling, report monthly average values determined using the calculations procedures in Equation C-2b for each variable.</del>	98.36e2ivC		X									
C - Stationary Combustion	Gas molecular weight values used in the emission calculations (including both valid and substitute data values). <b>For each calendar month of the reporting year in which carbon content and, if applicable, molecular weight determination is required, report a value of each parameter. If multiple values of a parameter are obtained in a given month, report the arithmetic average value for the month.</b> <del>Report all measured values if the fuel is sampled monthly or less frequently. Otherwise, for daily and weekly sampling, report monthly average values determined using the calculations procedures in Equation C-2b for each variable.</del>	98.36e2ivC		X									

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMB Extension Requests
Proposed Confidentiality Determinations			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
<b>C - Stationary Combustion</b>	<b>The annual average HHV, when measured HHV data, rather than a default HHV from Table C-1 of this subpart, are used to calculate CH4 and N2O emissions for a Tier 3 unit, in accordance with §98.33(c)(1).</b>	<b>98.36e2ivF</b>		X									
C - Stationary Combustion	For units that combust both fossil fuel and biomass, when CEMS are used to quantify the annual CO2 emissions and biogenic CO2 is determined according to §98.33(e)(2), report annual volume of CO2 emitted from the combustion of all fuels, i.e., Vtotal	98.36e2ixA			X								
C - Stationary Combustion	For units that combust both fossil fuel and biomass, when CEMS are used to quantify the annual CO2 emissions and biogenic CO2 is determined according to §98.33(e)(2), report annual volume of CO2 emitted	98.36e2ixB			X								
C - Stationary Combustion	For units that combust both fossil fuel and biomass, when CEMS are used to quantify the annual CO2 emissions and biogenic CO2 is determined according to §98.33(e)(2), report annual volume of CO2 emitted from the combustion of fossil fuels	98.36e2ixB			X								
C - Stationary Combustion	For units that combust both fossil fuel and biomass, when CEMS are used to quantify the annual CO2 emissions and biogenic CO2 is determined according to §98.33(e)(2), report annual volume of CO2 emitted from the combustion of biomass, i.e., Vbio	98.36e2ixC			X								
C - Stationary Combustion	For units that combust both fossil fuel and biomass, when CEMS are used to quantify the annual CO2 emissions and biogenic CO2 is determined according to §98.33(e)(2), report the carbon-based F-factor used in Equation C-13 of this subpart	98.36e2ixD		X									

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Subpart	Data Element	Reporting Section	Category										Process Specific & Vendor Data Submitted in BAMM Extension Requests
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	
Proposed Confidentiality Determinations			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	For units that combust both fossil fuel and biomass, <del>when CEMS are used to quantify the annual CO2 emissions and biogenic CO2 is determined according to §98.33(e)(2), report the annual average HHV value used in Equation C-13 of this subpart</del>	98.36e2ixE		X									
C - Stationary Combustion	For units that combust both fossil fuel and biomass, <del>when CEMS are used to quantify the annual CO2 emissions and biogenic CO2 is determined according to §98.33(e)(2), report the total quantity of fossil fuel combusted during the reporting year.</del>	98.36e2ixF		X									
C - Stationary Combustion	For units that combust both fossil fuel and biomass, <del>when CEMS are used to quantify the annual CO2 emissions and biogenic CO2 is determined according to §98.33(e)(2), report the annual biogenic CO2 mass emissions.</del>	98.36e2ixG			X								
C - Stationary Combustion	When ASTM methods D7459-08 and D6866-08 are used to determine the biogenic portion of the annual CO2 emissions from MSW combustion, <b>as described in 98.34(d)</b> , report the results of each quarterly sample analysis.	98.36e2xA		X									
C - Stationary Combustion	When ASTM methods D7459-08 and D6866-08 are used to determine the biogenic portion of the annual CO2 emissions from MSW combustion, <b>as described in 98.34(d)</b> , report the annual <del>volume</del> of biogenic CO2 mass emissions from MSW combustion, in metric tons	98.36e2xB <del>D</del>			X								

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Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
C - Stationary Combustion	When ASTM methods D7459-08 and D6866-08 are used <b>in accordance with 98.34(e)</b> to determine the biogenic portion of the annual CO2 emissions from a unit that co-fires biogenic fuels (or partly-biogenic fuels, including tires if you are electing to report biogenic CO2 emissions from tire combustion) (other than MSW) and non-biogenic fuels: Report the results of quarterly sample analysis.	98.36e2xi		X									
C - Stationary Combustion	Within 30 days of receipt of a written request from the Administrator, submit the verification data and information described in paragraph (e)(2)(iii), <b>except where fuel sampling data are received from the fuel supplier.</b> (i.e., methods used to determine the HHV for each type of fuel combusted, except where fuel sampling data are received from the fuel supplier).	98.36e4							X				
C - Stationary Combustion	Within 30 days of receipt of a written request from the Administrator, submit the verification data and information described in paragraph (e)(2)(iii) (i.e., the date on which each fuel sample was taken, <b>except where fuel sampling data are received from the fuel supplier.</b> )	98.36e4							X				
C - Stationary Combustion	<b>Within 30 days of receipt of a written request from the Administrator, submit the verification data and information described in paragraph (e)(2)(iii) (i.e., the dates on which the results of the fuel analyses for HHV are received).</b>	98.36e4							X				
C - Stationary Combustion	<b>Within 30 days of receipt of a written request from the Administrator, submit the verification data and information described in paragraph (e)(2)(v)(E): The date on which each fuel sample was taken, except where fuel sampling data are received from the fuel supplier.</b>	98.36e4							X				



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Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
<b>C - Stationary Combustion</b>	<b>Within 30 days of receipt of a written request from the Administrator, submit the verification data and information described in paragraph (e)(2)(v)(E): records of the dates on which the results of the fuel analyses for carbon content and (if applicable) molecular weight are received.</b>	<b>98.36e4</b>											
D - Electricity Generation	Data reporting requirements specified in <del>§98.36(b)</del> <b>(d)(1)</b> <sup>1</sup>	98.46											
F - Aluminum Production	For all prebake and all Söderberg electrolysis cells combined, report perfluoromethane emissions from anode effects.	98.66c1			X								
F - Aluminum Production	All prebake and all Söderberg electrolysis cells combined, report perfluoroethane emissions from anode effects.	98.66c1			X								
G - Ammonia Manufacturing	Tier 4 Calculation Methodology reporting requirements specified under <del>§98.36(e)(2)(vi)</del> <sup>1</sup>	98.76a											
G - Ammonia Manufacturing	Sampling analysis results of carbon content of <del>petroleum coke feedstock</del>	98.76b6					X						
G - Ammonia Manufacturing	<b>CO<sub>2</sub> from the steam reforming of a hydrocarbon or the gasification of solid and liquid raw material at the ammonia manufacturing process unit used to produce urea.</b>	<b>98.76b13</b>								X			
G - Ammonia Manufacturing	<b>Method used to determine the CO<sub>2</sub> consumed in urea production.</b>	<b>98.76b13</b>							X				
X- Petrochemical Production	<b>Temperature at which gaseous feedstock and product volumes used in Equation X-1 were determined.</b>	<b>98.246a4</b>							X				
X- Petrochemical Production	Annual mass of carbon released in fugitive emissions (Optional)	98.246a10			X								
X- Petrochemical Production	Annual mass of carbon released in process vents that are not controlled with a combustion device (Optional)	98.246a10			X								

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Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
X- Petrochemical Production	<b>If you determine carbon content or composition of a feedstock or product using method in §98.244 (b) (4) (xii): report the name and title of the method used (include in each annual report).</b>	98.246a11ii								X			
X- Petrochemical Production	<b>If you determine carbon content or composition of a feedstock or product using method in §98.244 (b) (4) (xii): provide a copy of the method (include in first annual report and in subsequent annual report if changes are made).</b>	98.246a11ii								X			
X- Petrochemical Production	<b>If you determine carbon content or composition of a feedstock or product using method in §98.244 (b) (4) (xii): provide an explanation of why alternative is needed (include in first annual report and in subsequent annual report if changes are made).</b>	98.246a11iii								X			
X- Petrochemical Production	If use CEMS to measure emissions in accordance with 98.243(b) and CEMS is used on stacks for stationary combustion units: report the information required under §98.36 for the Tier 4 calculation methodology. <b>Section §98.36 (b)(9)(iii) does not apply for this subpart.</b> <sup>1</sup>	98.246b42											
X- Petrochemical Production	For CEMS used on stacks that are not used for stationary combustion units: report the information specified under §98.36(e)(2)(vi) and (vii) <sup>1</sup>	98.246b23											
X- Petrochemical Production	For each stationary combustion unit or group of units monitored with a single CEMS: report an estimate of the fraction of <b>total</b> emissions attributable to <b>combustion of off-gas</b> from process units	98.246b4			X								
X- Petrochemical Production	<b>For stationary combustion units that burn process off-gas from the petrochemical process unit: CH<sub>4</sub> and N<sub>2</sub>O emissions from each stack that is monitored with a CO<sub>2</sub> CEMS expressed in metric tons of each gas.</b>	98.246b5i			X								

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<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
X- Petrochemical Production	<b>For stationary combustion units that burn process off-gas from the petrochemical process unit: CH<sub>4</sub> and N<sub>2</sub>O emissions from each stack that is monitored with a CO<sub>2</sub> CEMS expressed in metric tons of CO<sub>2</sub>e.</b>	98.246b5i			X								
X- Petrochemical Production	<b>For stationary combustion units that burn process off-gas from the petrochemical process unit: provide an estimate based on engineering judgment of the fraction of the total emissions attributable to combustion of off-gas from petrochemical process unit for each stack.</b>	98.246b5i			X								
X- Petrochemical Production	<b>For stationary combustion units that burn process off-gas from the petrochemical process unit: report the combined CH<sub>4</sub> and N<sub>2</sub>O emissions from all stationary combustion units, expressed in metric tons of gas.</b>	98.246b5ii			X								
X- Petrochemical Production	<b>For stationary combustion units that burn process off-gas from the petrochemical process unit: report the combined CH<sub>4</sub> and N<sub>2</sub>O emissions from all stationary combustion units, expressed in metric tons of CO<sub>2</sub>e.</b>	98.246b5ii			X								
X- Petrochemical Production	<b>Quantity of each type of fuel used in equation C-8 in 98.33(c) for each stationary combustion unit or group of units (as applicable) during the reporting year, expressed in short tons for solid fuels, gallons for liquid fuels, and scf for gaseous fuels.</b>	98.246b5iii		X									
X- Petrochemical Production	<b>The HHV (either default or annual average from measured data) used in equation C-8 in 98.33(C) for each stationary combustion unit or group of units (as applicable).</b>	98.246b5iv		X									

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
X- Petrochemical Production	<b>If you comply with the combustion methodology specified in §98.243(d): report the ethylene process unit ID</b>	<b>98.246c1</b>	X										
X- Petrochemical Production	If you comply with the combustion methodology specified in §98.243(d): for each stationary combustion unit that burns ethylene process off-gas (or group of units (as applicable) that burns ethylene process off-gas), <b>except flares</b> , report the relevant information listed in 98.36 for the <b>applicable Tier methodology</b> . <del>Tier 3 or Tier 4 Calculation Methodology reporting requirements specified under §98.36<sup>1</sup></del>	98.246c42											
X- Petrochemical Production	Estimate of the fraction of <b>total</b> emissions attributable to <b>combustion of off-gas from the ethylene process unit</b> .	98.246c42			X								
X- Petrochemical Production	If you comply with the combustion methodology specified in §98.243(d): report the quantity of <del>petrochemicals produced</del> <b>ethylene</b> produced from each process unit.	98.246c45								X			
Y - Petroleum Refineries	<b>If using Equation Y-1a: indicate whether daily or weekly measurement periods are used for each flare</b>	<b>98.256e6</b>						X					
Y - Petroleum Refineries	<b>If using Equation Y-1a: report the molar volume conversion factor (in scf/g-mole) for each flare.</b>	<b>98.256e6</b>		X									
Y - Petroleum Refineries	If using Equation Y-1a: Report the <b>annual average</b> Carbon content of the flare gas for each flare.	98.256e6		X									
Y - Petroleum Refineries	<b>If using Equation Y-1b: indicate whether daily or weekly measurement periods are used for each flare.</b>	<b>98.256e7</b>						X					
Y - Petroleum Refineries	<b>If using Equation Y-1b: report annual volume of flare gas combusted for each flare.</b>	<b>98.256e7</b>		X									
Y - Petroleum Refineries	<b>If using Equation Y-1b: report molar volume conversion factor for each flare.</b>	<b>98.256e7</b>		X									
Y - Petroleum Refineries	<b>If using Equation Y-1b: report annual average CO2 concentration for each flare</b>	<b>98.256e7</b>		X									

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Y - Petroleum Refineries	<b>If using Equation Y-1b: report the number of carbon containing compounds other than CO2 in each flare gas stream</b>	98.256e7		X									
Y - Petroleum Refineries	<b>If using Equation Y-1b: report the annual average concentration of carbon containing compound other than CO2 in the flare gas stream for each flare.</b>	98.256e7i		X									
Y - Petroleum Refineries	<b>If using Equation Y-1b: report the carbon mole number of each carbon containing compound other than CO2 in the flare gas stream for each flare.</b>	98.256e7ii		X									
Y - Petroleum Refineries	<b>If using Equation Y-2: indicate whether daily or weekly measurement periods are used for each flare.</b>	98.256e8						X					
Y - Petroleum Refineries	<b>If using Equation Y-3: report the molar volume conversion factor for each flare.</b>	98.256e9		X									
Y - Petroleum Refineries	Tier 4 Calculation Methodology reporting requirements specified under §98.36(e)(2)(vi) <sup>1</sup>	98.256f6											
Y - Petroleum Refineries	If CEMS are used: report the CO <sub>2</sub> annual emissions as measured by the CEMS (unadjusted to remove CO2 combustion emissions association with a CO boiler- <b>additional units</b> (if present).	98.256f6			X								
Y - Petroleum Refineries	<b>If CEMS is used: CO2 annual emissions associated with sources other than those from the coke burn-off in the applicable subpart (e.g., subpart C in the case of a CO boiler)</b>	98.256f6			X								
Y - Petroleum Refineries	<b>If using Equation Y-6: report the molar volume conversion factor.</b>	98.256f7		X									
Y - Petroleum Refineries	If you use Equation Y-7a: report the annual average flow rate of inlet air	98.256f8		X									
Y - Petroleum Refineries	If you use Equation Y-7a: report the annual average flow rate of oxygen-enriched air	98.256f8		X									
Y - Petroleum Refineries	If you use Equation Y-7a: report the %O <sub>2</sub>	98.256f8		X									
Y - Petroleum Refineries	If you use Equation Y-7a: report the %O <sub>oxy</sub>	98.256f8		X									

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Y - Petroleum Refineries	If you use Equation Y-7a: report the %CO <sub>2</sub>	98.256f8		X									
Y - Petroleum Refineries	If you use Equation Y-7a: report the %CO	98.256f8		X									
Y - Petroleum Refineries	<b>If Equation Y-7b is used: report the annual average flow rate of inlet air</b>	<b>98.256f9</b>		X									
<b>Y - Petroleum Refineries</b>	<b>If Equation Y-7b is used: report the annual average flow rate of oxygen-enriched air</b>	<b>98.256f9</b>		X									
Y - Petroleum Refineries	If Equation Y-7b is used: report %N <sub>2, oxy</sub>	98.256f9		X									
Y - Petroleum Refineries	If Equation Y-7b is used: report the %N <sub>2, exhaust</sub>	98.256f9		X									
Y - Petroleum Refineries	<b>If you use a unit-specific emission factor for CH<sub>4</sub>: report the unit-specific emission factor for CH<sub>4</sub> each catalytic cracking units, traditional fluid coking units, and catalytic reforming units</b>	<b>98.256f1011</b>		X									
Y - Petroleum Refineries	<b>If a unit-specific emission factor for N<sub>2</sub>O was used: report the unit-specific emission factor for N<sub>2</sub>O each catalytic cracking units, traditional fluid coking units, and catalytic reforming units</b>	<b>98.256f1112</b>		X									
Y - Petroleum Refineries	If Equation Y-11 is used: report the number of regeneration cycles <b>or measurement periods</b> during the reporting year for each catalytic cracking units, traditional fluid coking units, and catalytic reforming units	98.256f1213		X									
Y - Petroleum Refineries	If Equation Y-11 is used: report the average coke burn-off quantity per cycle <b>or measurement period</b> for each catalytic cracking units, traditional fluid coking units, and catalytic reforming units	98.256f1213		X									
Y - Petroleum Refineries	<b>For a fluid coking unit of the flexicoking type, report the molar volume conversion factor</b>	<b>98.256g5 (98.256f7)</b>		X									
Y - Petroleum Refineries	<b>For a fluid coking unit of the flexicoking type, report the annual average flow rate of inlet air</b>	<b>98.256g5 (98.256f9)</b>		X									

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Y - Petroleum Refineries	<b>For a fluid coking unit of the flexicoking type, report the annual average flow rate of oxygen-enriched air</b>	<b>98.256g5 (98.256f9)</b>		X									
Y - Petroleum Refineries	<b>For a fluid coking unit of the flexicoking type, report the %N<sub>2, oxy</sub></b>	<b>98.256g5 (98.256f9)</b>		X									
Y - Petroleum Refineries	<b>For a fluid coking unit of the flexicoking type, report the %N<sub>2, exhaust</sub></b>	<b>98.256g5 (98.256f9)</b>		X									
Y - Petroleum Refineries	<b>If a unit-specific emission factor for CH<sub>4</sub> was used: report the unit-specific emission factor for CH<sub>4</sub> for each fluid coking unit of the flexicoking type</b>	<b>98.256g5 (98.256f11)</b>		X									
Y - Petroleum Refineries	<b>If you use a unit-specific emission factor for N<sub>2</sub>O: report the unit specific emission factor for each fluid coking unit of the flexicoking type</b>	<b>98.256g5 (98.256f12)</b>		X									
Y - Petroleum Refineries	<b>Report the number of regeneration cycles or measurement periods during the reporting year for each fluid coking unit of the flexicoking type</b>	<b>98.256g5 (98.256f4213)</b>		X									
Y - Petroleum Refineries	<b>Report the average coke burn-off quantity per cycle or measurement period for each fluid coking unit of the flexicoking type</b>	<b>98.256g5 (98.256f4213)</b>		X									
Y - Petroleum Refineries	<b>Description of the type of sulfur recovery plant for each independent sulfur recovery plant</b>	<b>98.256h2</b>				X							
Y - Petroleum Refineries	<b>Indication of the method used to calculate CO<sub>2</sub> annual emissions (i.e., CEMS, Equation Y-12, or process vent method in 98.253(j)) (for each independent sulfur recovery plant)</b>	<b>98.256h2</b>						X					
Y - Petroleum Refineries	<b>If Equation Y-12 is used: report the molar volume conversion factor</b>	<b>98.256h4</b>		X									
Y - Petroleum Refineries	Tier 4 Calculation Methodology reporting requirements specified under <del>§98.36(e)(2)(vi)</del> <sup>1</sup>	98.256h6											

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Y - Petroleum Refineries	<b>If you use the process vent method in 98.253(j): report the annual volumetric flow discharged to the atmosphere for a non-Claus sulfur recovery plant</b>	<b>98.256h7 (98.256i5)</b>		X									
Y - Petroleum Refineries	<b>If you use the process vent method in 98.253(j): report the measurement or estimation method</b>	<b>98.256h7 (98.256i5)</b>						X					
Y - Petroleum Refineries	<b>If you use the process vent method in 98.253(j): Relevant information required under paragraph (l) (5)<sup>1</sup></b>	<b>98.256h7 (98.256i5)</b>											
Y - Petroleum Refineries	If Equation Y-13 used for coke calcining units: report the annual mass of coke dust <del>collected in dust collection systems</del> <b>removed from the process through</b>	98.256i5		X									
Y - Petroleum Refineries	<b>If Equation Y-13 used for coke calcining units: Indicate whether coke dust is recycled to the unit</b>	<b>98.256i5</b>						X					
Y - Petroleum Refineries	<b>For coke calcining units: indicate whether a measured value or a unit specific or a default emission factor was used for N2O emissions</b>	<b>98.256i8</b>						X					
Y - Petroleum Refineries	If a unit specific emission factor was used: report the site <b>unit</b> specific factor for N2O	98.256i8		X									
Y - Petroleum Refineries	<b>If a unit specific emission factor was used for the N2O factor: report the units of measure for the unit-specific factor</b>	<b>98.256i8</b>		X									
Y - Petroleum Refineries	<b>If a unit specific emission factor was used for the N2O factor: report the activity data used for calculating emissions</b>	<b>98.256i8</b>		X									
Y - Petroleum Refineries	If a unit specific emission factor was used: report the basis for the-site <b>unit</b> specific factor	98.256i8						X					
Y - Petroleum Refineries	Quantity of asphalt blown for each facility <b>Unit</b>	98.256j2		X									
Y - Petroleum Refineries	If Equation Y-16a is used: report the carbon emission factor	98.256j7		X									



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Y - Petroleum Refineries	If Equation Y-16a is used: report the basis for the carbon emission factor (i.e., select from Weekly or more often measurements; Periodic (less frequent than weekly) measurements; Average of multiple source tests; One-time source test; Default factor)	98.256j7								X			
Y - Petroleum Refineries	<b>If Equation Y-16b is used: report the CO2 emission factor used</b>	<b>98.256j8</b>		X									
Y - Petroleum Refineries	<b>If Equation Y-16b is used: report the basis for emission factor</b>	<b>98.256j8</b>						X					
Y - Petroleum Refineries	<b>If Equation Y-16b is used: report the carbon emission factor</b>	<b>98.256j8</b>		X									
Y - Petroleum Refineries	<b>If Equation Y-16b is used: report the basis for emission factor</b>	<b>98.256j8</b>						X					
Y - Petroleum Refineries	For delayed coking units: report the cumulative annual CH <sub>4</sub> emissions (in metric tons of each pollutant emitted CH <sub>4</sub> )	98.256k1			X								
Y - Petroleum Refineries	<b>For delayed coking units: report the molar volume conversion factor for each coke drum or vessel.</b>	<b>98.256k3</b>		X									
Y - Petroleum Refineries	For <b>each</b> process vents: Vent ID number	98.256l1	X										
Y - Petroleum Refineries	For <b>each</b> process vents: Unit or operation associated with the emissions	98.256l2				X							
Y - Petroleum Refineries	For <b>each</b> process vents: Type of control device used to reduce CH <sub>4</sub> emissions from the unit	98.256l3				X							
Y - Petroleum Refineries	For <b>each</b> process vents: Calculated annual CO <sub>2</sub> emissions	98.256l4			X								
Y - Petroleum Refineries	For <b>each</b> process vents: Calculated annual CH <sub>4</sub> emissions	98.256l4			X								
Y - Petroleum Refineries	For <b>each</b> process vents: Calculated annual N <sub>2</sub> O emissions	98.256l4			X								
Y - Petroleum Refineries	For <b>each</b> process vents: Annual volumetric flow discharged to the atmosphere	98.256l5		X									
Y - Petroleum Refineries	<b>For each process vent: Indication of the measurement or estimation method</b>	<b>98.256l5</b>						X					

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Y - Petroleum Refineries	For <b>each</b> process vents: <b>Annual average</b> mole fraction of each GHG above the concentration threshold or <b>otherwise required to be reported</b>	98.256l5		X									
Y - Petroleum Refineries	For <b>each process vent</b> : Indication of the measurement or estimation method	98.256l5						X					
Y - Petroleum Refineries	For <b>each process vent</b> : Molar volume conversion factor	98.256l5		X									
Y - Petroleum Refineries	<b>Indication of whether the uncontrolled lowdown emissions are reported under 98.253(k) or (j) or a statement that the facility does not have any uncontrolled lowdown systems</b>	98.256m1						X					
Y - Petroleum Refineries	For uncontrolled lowdown systems: Cumulative annual CH <sub>4</sub> emissions (in metric tons of each pollutant CH <sub>4</sub> )	98.256m42			X								
Y - Petroleum Refineries	<b>Uncontrolled lowdown systems reporting under 98.253 (k)</b> : Total quantity of crude oil plus the quantity of intermediate products received from off-site that are processed at the facility in the reporting year	98.256m23		X									
Y - Petroleum Refineries	<b>Uncontrolled lowdown systems reporting under 98.253 (k)</b> : CH <sub>4</sub> emission factor used	98.256m3		X									
Y - Petroleum Refineries	<b>Uncontrolled lowdown systems reporting under 98.253 (k)</b> : Basis for the CH <sub>4</sub> emission factor used (i.e., select from Weekly or more often measurements; Periodic (less frequent than weekly) measurements; Average of multiple source tests; One-time source test; Default factor)	98.256m3						X					
Y - Petroleum Refineries	<b>Uncontrolled lowdown systems reporting under 98.253 (k)</b> : Molar volume conversion factor	98.256m3		X									
Y - Petroleum Refineries	<b>Uncontrolled lowdown systems reporting under 98.253 (j)</b> : Relevant information required under paragraph (l) (5) <sup>1</sup>	98.256m4											

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Y - Petroleum Refineries	For all storage tanks: report the cumulative annual CH <sub>4</sub> emissions (in metric tons of each pollutant emitted CH <sub>4</sub> ) for all storage tanks except for those used to process unstabilized crude oil.	98.256o1			X								
Y - Petroleum Refineries	Method used to calculate the reported storage tank emissions for storage tanks other than those processing unstabilized crude (Section 7.1 of the AP-42: "Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources", including TANKS Model (Version 4.09D) or similar programs, or Equation Y-22 of this section, other).	98.256o2i						X					
Y - Petroleum Refineries	Cumulative annual CH <sub>4</sub> emissions (in metric tons of each pollutant emitted CH <sub>4</sub> ) or a statement that the facility did not receive any unstabilized crude oil	<del>98.256o4</del> 98.256o3		X									
Y - Petroleum Refineries	<del>For storage tanks that process unstabilized crude oil:</del> Method used to calculate the reported <b>unstabilized crude oil</b> storage tank emissions for <del>storage tanks processing unstabilized crude oil</del>	<del>98.256o5</del> 98.256o4i						X					
Y - Petroleum Refineries	<b>For storage tanks that process unstabilized crude oil:</b> Quantity of unstabilized crude oil received during the calendar year	98.256o6 98.256o4ii		X									
Y - Petroleum Refineries	<b>For storage tanks that process unstabilized crude oil:</b> Average pressure differential	98.256o6 98.256o4iii		X									
<b>Y - Petroleum Refineries</b>	<b>For storage tanks that process unstabilized crude oil: Molar volume conversion factor</b>	<del>98.256o6</del> 98.256o4iv		X									
Y - Petroleum Refineries	<b>For storage tanks that process unstabilized crude oil: Average Mole fraction of CH<sub>4</sub> in vent gas from the unstabilized crude oil storage tanks</b>	98.256o6 98.256o4v		X									

**Table B-1: Direct Emitters: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Footnotes:**

<sup>1</sup> This data element is not assigned to a category because the data element refers to a reporting requirement specified under another subpart that has already been assigned to a category under that subpart.

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section	Category										
			Facility and Unit Identifier Information	Inputs to Emission Equations	Emissions	Unit/Process 'Static' Characteristics That are Not Inputs to Emission Equations	Unit/process Operating Characteristics That are Not Inputs to Emission Equations	Calculation Methodology & Method. Tier	Test & Calibration Methods	Throughput Data That are Not Inputs to Emission Equations	Raw Materials Consumed That are Not Inputs to Emission Equations	Data Elements Reported for Periods of Missing Data that are Not Inputs to Emission Equations	Process Specific & Vendor Data Submitted in BAMM Extension Requests
<b>Proposed Confidentiality Determinations</b>			Emission Data (made available to the public)	Emission Data (made available to the public)	Emission Data (made available to the public)	Not CBI	Not CBI	Emission Data (made available to the public)	Not CBI	CBI	CBI	Emission Data (made available to the public)	CBI
Y - Petroleum Refineries	<b>For storage tanks that process unstabilized crude oil:</b> Basis for the mole fraction of CH <sub>4</sub> in the vent gas from the unstabilized crude oil storage tank (i.e., Measurement of methane composition; Engineering estimate of methane composition based on crude composition; Default)	<del>98.256e6</del> <b>98.256o4vi</b>						X					
Y - Petroleum Refineries	<b>If you did not use Equation Y-23:</b> report the tank-specific methane composition data <b>used to estimate cumulative CH<sub>4</sub> emissions for storage tanks used to process unstabilized crude oil.</b>	<del>98.256e7</del> <b>98.256o4vi</b>		X									
Y - Petroleum Refineries	<b>If you did not use Equation Y-23:</b> report the gas generation rate data <b>used to estimate cumulative CH<sub>4</sub> emissions for storage tanks used to process unstabilized crude oil.</b>	<del>98.256e7</del> <b>98.256o4vi</b>		X									

**Table B-2: Suppliers: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Key:**

C = CBI

X = Not CBI

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

**Footnotes:**

<sup>1</sup> Data element is assigned to both the "Greenhouse Gases Reported" and "Production/Throughput" bins because the product is also the greenhouse gas reported.

Category													
Subpart	Data Element	Reporting Section	Identification Information	GHGs Reported	Emission Factors	Unit/ Process Operating Characteristics	Calculation, Test, and Calibration Methods	Production/ Throughput Quantities and Composition	Materials Received (Amount and Composition)	Data Elements Reported for Periods of Missing Data That are Related to Production/Throughput or Materials Received	Data Elements Reported for Periods of Missing Data That are Not Related to Production/Throughput or Materials Received	Supplier Customer and Vendor Information	Vendor and Process Specific Data Submitted in a BMM Extension Request
<b>A - General Reporting Requirements</b>	<b>Facility or supplier ID number for each supplier</b>	<b>98.3c1</b>	X										
A - General Reporting Requirements	Physical street address of the facility or supplier, including the city, state, and zip code	98.3c1	X										
A - General Reporting Requirements	Suppliers must report the total quantity of GHGs (CO <sub>2</sub> e) for all applicable supply categories in subparts KK through PP and all GHGs aggregated. <b>For fluorinated GHGs, calculate and report CO<sub>2</sub>e for only those fluorinated GHGs listed in Table A-1 of this subpart.</b>	98.3c5i		X									
<b>A - General Reporting Requirements</b>	<b>Each supplier must provide information demonstrating that the previously submitted report does not contain the identified substantive error or that the identified error is not a substantive error.</b>	<b>98.3h2</b>					X						
<b>A - General Reporting Requirements</b>	<b>Organization name (company affiliation/employer) for the designated representative</b>	<b>98.4i</b>	X										
<b>A - General Reporting Requirements</b>	<b>Organization name (company affiliation/employer) for the alternate designated representative</b>	<b>98.4i</b>	X										
OO - Suppliers of Industrial GHGs	Each facility must report the mass of each fluorinated GHG that is destroyed at the facility <b>and that was previously produced as defined in 98.410(b)</b> . Quantities to be reported under this paragraph include <b>but are not limited to quantities that are shipped to the facility by another facility for destruction</b> and quantities that are returned to the facility for reclamation but are found to be irretrievably contaminated and are therefore destroyed. <del>Excludes fluorinated GHGs that are removed from the production process as by-products or other wastes <sup>1</sup></del>	98.416a3		C				C					
OO - Suppliers of Industrial GHGs	Each facility must report the mass of each fluorinated GHG that is fed into the destruction device <b>and that was previously produced as defined in 98.410(b)</b> . Quantities to be reported under this paragraph include <b>but are not limited to quantities that are shipped to the facility by another facility for destruction and quantities that are returned to the facility for reclamation but are found to be irretrievably contaminated and are therefore destroyed.</b>	98.416a11						C					
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> imports at the corporate level, except for shipments including less than 250 metric tons of CO <sub>2</sub> e <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the total mass in metric tons of nitrous oxide and each fluorinated GHG imported in bulk <b>including each fluorinated GHG constituent of the fluorinated GHG product that makes up between 0.5 percent and 100 percent of the product by mass.</b> <sup>1</sup>	98.416c1		C				C					

**Table B-2: Suppliers: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

**Key:**

C = CBI

X = Not CBI

Note: Proposed changes to reporting requirements are shown using bold (new rule text) and strikethrough (deleted rule text).

**Footnotes:**

<sup>1</sup> Data element is assigned to both the "Greenhouse Gases Reported" and "Production/Throughput" bins because the product is also the greenhouse gas reported.

Category													
Subpart	Data Element	Reporting Section	Identification Information	GHGs Reported	Emission Factors	Unit/ Process Operating Characteristics	Calculation, Test, and Calibration Methods	Production/ Throughput Quantities and Composition	Materials Received (Amount and Composition)	Data Elements Reported for Periods of Missing Data That are Related to Production/Throughput or Materials Received	Data Elements Reported for Periods of Missing Data That are Not Related to Production/Throughput or Materials Received	Supplier Customer and Vendor Information	Vendor and Process Specific Data Submitted in a BAMB Extension Request
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> imports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the total mass in metric tons of nitrous oxide and each fluorinated GHG imported in bulk and sold or transferred to persons other than the importer for use in processes resulting in the transformation or destruction of the chemical.	98.416c2						C					
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> imports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the date on which the fluorinated GHGs or nitrous oxide were imported.	98.416c3				X							
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> imports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the port of entry through which the fluorinated GHGs or nitrous oxide passed .	98.416c4				X							
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> imports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the country from which the imported fluorinated GHGs or nitrous oxide were imported .	98.416c5										C	
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> imports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the commodity code of the fluorinated GHGs or nitrous oxide shipped.	98.416c6						C					
OO - Suppliers of Industrial GHGs	<del>A</del> <b>Each</b> A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> imports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the importer number for the shipment.	98.416c7	X										

**Table B-2: Suppliers: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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**Footnotes:**

<sup>1</sup> Data element is assigned to both the "Greenhouse Gases Reported" and "Production/Throughput" bins because the product is also the greenhouse gas reported.

Category													
Subpart	Data Element	Reporting Section	Identification Information	GHGs Reported	Emission Factors	Unit/ Process Operating Characteristics	Calculation, Test, and Calibration Methods	Production/ Throughput Quantities and Composition	Materials Received (Amount and Composition)	Data Elements Reported for Periods of Missing Data That are Related to Production/Throughput or Materials Received	Data Elements Reported for Periods of Missing Data That are Not Related to Production/Throughput or Materials Received	Supplier Customer and Vendor Information	Vendor and Process Specific Data Submitted in a BAMB Extension Request
OO - Suppliers of Industrial GHGs	<del>Each A-bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their imports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the total mass of each fluorinated GHG destroyed by the importer. <sup>1</sup>	98.416c8		C				C					
OO - Suppliers of Industrial GHGs	<del>Each A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their imports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the names of facilities to which any nitrous oxide or fluorinated GHGs were sold or transferred for transformation.	98.416c9										C	
OO - Suppliers of Industrial GHGs	<del>Each A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their imports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the addresses of facilities to which any nitrous oxide or fluorinated GHGs were sold or transferred for transformation.	98.416c9										C	
OO - Suppliers of Industrial GHGs	<del>Each A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their imports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the quantities of nitrous oxide or each fluorinated GHGs that were sold or transferred for transformation.	98.416c9						C					
OO - Suppliers of Industrial GHGs	<del>Each A bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their imports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the names of facilities to which any fluorinated GHGs were sold or transferred to each facility for destruction.	98.416c10										C	
OO - Suppliers of Industrial GHGs	<del>Each A-bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their imports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the addresses of facilities to which any fluorinated GHGs were sold or transferred to each facility for destruction.	98.416c10										C	

**Table B-2: Suppliers: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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**Footnotes:**

<sup>1</sup> Data element is assigned to both the "Greenhouse Gases Reported" and "Production/Throughput" bins because the product is also the greenhouse gas reported.

Subpart	Data Element	Reporting Section	Identification Information	GHGs Reported	Emission Factors	Unit/ Process Operating Characteristics	Calculation, Test, and Calibration Methods	Production/ Throughput Quantities and Composition	Materials Received (Amount and Composition)	Category				
										Data Elements Reported for Periods of Missing Data That are Related to Production/Throughput or Materials Received	Data Elements Reported for Periods of Missing Data That are Not Related to Production/Throughput or Materials Received	Supplier Customer and Vendor Information	Vendor and Process Specific Data Submitted in a BAMB Extension Request	
OO - Suppliers of Industrial GHGs	<b>Each</b> A-bulk importer of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> imports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the quantities (in metric tons) of nitrous oxide or each fluorinated GHGs that were sold or transferred to each facility for destruction.	98.416c10												
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> exports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the total mass of nitrous oxide and each fluorinated GHG exported in bulk. <sup>1</sup>	98.416d1		C										
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> exports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the name of the exporter.	98.416d2	X											
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> exports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the address of the exporter.	98.416d2	X											
OO - Suppliers of Industrial GHGs	<b>Each</b> A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> exports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the name of the receiver.	98.416d2											C	
OO - Suppliers of Industrial GHGs	<b>Each</b> A-bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes <del>their</del> <b>its</b> exports at the corporate level, except for shipments including less than <del>250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the address of the receiver.	98.416d2											C	



**Table B-2: Suppliers: Proposed Amendments to Certain Reporting Provisions of the Greenhouse Gas Reporting Rule**

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**Footnotes:**

<sup>1</sup> Data element is assigned to both the "Greenhouse Gases Reported" and "Production/Throughput" bins because the product is also the greenhouse gas reported.

		Category											
Subpart	Data Element	Reporting Section	Identification Information	GHGs Reported	Emission Factors	Unit/ Process Operating Characteristics	Calculation, Test, and Calibration Methods	Production/ Throughput Quantities and Composition	Materials Received (Amount and Composition)	Data Elements Reported for Periods of Missing Data That are Related to Production/Throughput or Materials Received	Data Elements Reported for Periods of Missing Data That are Not Related to Production/Throughput or Materials Received	Supplier Customer and Vendor Information	Vendor and Process Specific Data Submitted in a BAMB Extension Request
OO - Suppliers of Industrial GHGs	<del>Each A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their exports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the exporter's Employee Identification Number.	98.416d3	X										
OO - Suppliers of Industrial GHGs	<del>Each A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their exports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the commodity code of the fluorinated GHGs and nitrous oxide shipped.	98.416d4						C					
OO - Suppliers of Industrial GHGs	<del>Each A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their exports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the date on which the fluorinated GHGs and nitrous oxide were exported from the United States or its territories.	98.416d5				X							
OO - Suppliers of Industrial GHGs	<del>Each A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their exports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the port from which the fluorinated GHGs and nitrous oxide were exported from the United States or its territories.	98.416d5				X							
OO - Suppliers of Industrial GHGs	<del>Each A bulk exporter of fluorinated GHGs or nitrous oxide shall submit an annual report that summarizes their exports at the corporate level, except for shipments including less than 250 metric tons of CO<sub>2</sub>e</del> <b>twenty-five kilograms of fluorinated GHGs or nitrous oxide</b> , transshipments, and heels that meet the conditions set forth at §98.417(e). The report must include: the country to which the fluorinated GHGs or nitrous oxide were exported.	98.416d6										C	
OO - Suppliers of Industrial GHGs	<b>One time report to be submitted by March 31, 2011, the concentration of each fluorinated GHG constituent in each fluorinated GHG product as measured under 98.414(n).</b>	98.416f						C					

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**Key:**

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**Footnotes:**

<sup>1</sup> Data element is assigned to both the "Greenhouse Gases Reported" and "Production/Throughput" bins because the product is also the greenhouse gas reported.

		Category											
Subpart	Data Element	Reporting Section	Identification Information	GHGs Reported	Emission Factors	Unit/ Process Operating Characteristics	Calculation, Test, and Calibration Methods	Production/ Throughput Quantities and Composition	Materials Received (Amount and Composition)	Data Elements Reported for Periods of Missing Data That are Related to Production/Throughput or Materials Received	Data Elements Reported for Periods of Missing Data That are Not Related to Production/Throughput or Materials Received	Supplier Customer and Vendor Information	Vendor and Process Specific Data Submitted in a BAMB Extension Request
OO - Suppliers of Industrial GHGs	If the facility commences production of a fluorinated GHG product that was not included in the initial report or performs a repeat measurement under 98.414(n) that shows that the identities or concentrations of the fluorinated GHG constituents of a fluorinated GHG product have changed, the fluorinated GHG production facility must submit a revised report by March 31 of year following the change. The report must contain new or changed concentrations for the fluorinated GHG product.	98.416f						C					
OO - Suppliers of Industrial GHGs	If the facility commences production of a fluorinated GHG product that was not included in the initial report or performs a repeat measurement under 98.414(n) that shows that the identities or concentrations of the fluorinated GHG constituents of a fluorinated GHG product have changed, then the fluorinated GHG production facility must report the date of change.	98.416f				X							
PP - Suppliers of Carbon Dioxide	If using PP-1, report the annual mass of CO <sub>2</sub> for each mass flow meter or stream that delivers CO <sub>2</sub> to containers. <sup>1</sup>	98.426a1		C				C					
PP - Suppliers of Carbon Dioxide	If using PP-1, report the quarterly mass flow in metric tons of CO <sub>2</sub> for each mass flow meter or stream that delivers CO <sub>2</sub> to containers.	98.426a2						C					
PP - Suppliers of Carbon Dioxide	If using PP-1, report the quarterly concentration of the CO <sub>2</sub> stream for each mass flow meter or stream that delivers CO <sub>2</sub> to containers.	98.426a3						C					
PP - Suppliers of Carbon Dioxide	If using PP-1, report the standard used to measure CO <sub>2</sub> concentration for each mass flow meter or stream that delivers CO <sub>2</sub> to containers.	98.426a4					X						
PP - Suppliers of Carbon Dioxide	If using PP-1, report the location of each mass flow meter in your process chain in relation to the points of CO <sub>2</sub> stream capture, dehydration, compression, and other processing.	98.426a5				X							
PP - Suppliers of Carbon Dioxide	If using PP-2, report the annual mass of CO <sub>2</sub> for each mass flow meter or stream that delivers CO <sub>2</sub> to containers. <sup>1</sup>	98.426b1		C				C					
PP - Suppliers of Carbon Dioxide	If using PP-2, report the quarterly volumetric flow in standard cubic meters of CO <sub>2</sub> for each mass flow meter or stream that delivers CO <sub>2</sub> to containers.	98.426b2						C					
PP - Suppliers of Carbon Dioxide	If using PP-2, report the quarterly concentration of the CO <sub>2</sub> stream for each mass flow meter or stream that delivers CO <sub>2</sub> to containers.	98.426b3						C					
PP - Suppliers of Carbon Dioxide	If using PP-2, report the quarterly density of the CO <sub>2</sub> stream for each mass flow meter or stream that delivers CO <sub>2</sub> to containers.	98.426b4						C					
PP - Suppliers of Carbon Dioxide	If using PP-2, report the method used to measure density for each mass flow meter or stream that delivers CO <sub>2</sub> to containers.	98.426b5					X						

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**Footnotes:**

<sup>1</sup> Data element is assigned to both the "Greenhouse Gases Reported" and "Production/Throughput" bins because the product is also the greenhouse gas reported.

Subpart	Data Element	Reporting Section	Category										
			Identification Information	GHGs Reported	Emission Factors	Unit/ Process Operating Characteristics	Calculation, Test, and Calibration Methods	Production/ Throughput Quantities and Composition	Materials Received (Amount and Composition)	Data Elements Reported for Periods of Missing Data That are Related to Production/Throughput or Materials Received	Data Elements Reported for Periods of Missing Data That are Not Related to Production/Throughput or Materials Received	Supplier Customer and Vendor Information	Vendor and Process Specific Data Submitted in a BAMB Extension Request
PP - Suppliers of Carbon Dioxide	If using PP-2, report the standard used to measure CO <sub>2</sub> concentration for each mass flow meter <b>or stream that delivers CO2 to containers.</b>	98.426b6					X						
PP - Suppliers of Carbon Dioxide	If using PP-2, report the location of each volumetric flow meter in your process chain in relation to the points of CO <sub>2</sub> stream capture, dehydration, compression, and other <b>processing or stream that delivers CO2 to containers.</b>	98.426b7				X							
PP - Suppliers of Carbon Dioxide	If using PP-3, Annual mass of CO <sub>2</sub> from all flow meters <b>and CO<sub>2</sub> streams that deliver CO<sub>2</sub> to containers.</b>	98.426c		X									
PP - Suppliers of Carbon Dioxide	Type of equipment used to measure the total mass <b>or volume</b> in CO <sub>2</sub> containers	98.426e1					X						

**Appendix C:**

**List of Part 98 Data Elements  
With Proposed Changes to the Rule Citations**

**Table C: List of Part 98 Data Elements with Proposed Changes to the Rule Citations**

Note: Proposed changes to rule citations are shown using bold (new rule text) and strikethrough (deleted rule text).

Subpart	Data Element	Reporting Section
C - Stationary Combustion	Annual CO2 emissions from sorbent	98.36b10- <del>9</del>
C - Stationary Combustion	A code or flag to indicate whether heat input is calculated according to appendix D to 40 CFR part 75 or 40 CFR 75.19	98.36d2IE-C
C - Stationary Combustion	CO2 emissions (CO2e)	98.36d2IE-D
C - Stationary Combustion	A code or flag to indicate that the heat input data is derived from CEMS measurements	98.36d2IE-C
C - Stationary Combustion	CO2 emissions (CO2e)	98.36d2IE-D
X- Petrochemical Production	If measure emissions in accordance with 98.243(b); report the petrochemical process unit ID or other appropriate descriptor.	<del>98.246b-3</del> <b>98.246b1</b>
X- Petrochemical Production	If measure emissions in accordance with 98.243(b); report the type of petrochemical produced	<del>98.246b-3</del> <b>98.246b1</b>
X- Petrochemical Production	Data reporting requirements specified in §98.256(e) of subpart Y for flares that burn ethylene process off-gas	98.246c23
X- Petrochemical Production	If you comply with the combustion methodology specified in §98.243(d); report the name of each feedstock.	98.246c34
X- Petrochemical Production	If you comply with the combustion methodology specified in §98.243(d); report the annual quantity of feedstocks.	98.246c34
Y - Petroleum Refineries	Annual volume of flare gas combusted	98.256e28
Y - Petroleum Refineries	Annual average higher heating value of the flare gas	98.256e28
Y - Petroleum Refineries	Annual volume of flare gas combusted during normal operations	98.256e89
Y - Petroleum Refineries	Annual average higher heating value of the flare gas	98.256e89
Y - Petroleum Refineries	Number of SSM events exceeding 500,000 scf/day	98.256e89
Y - Petroleum Refineries	Volume of gas flared	98.256e89
Y - Petroleum Refineries	Average molecular weight	98.256e89
Y - Petroleum Refineries	Carbon content of the flare gas	98.256e89
Y - Petroleum Refineries	Fraction of carbon in the flare gas contributed by methane (used in Equation Y-4)	98.256e89
Y - Petroleum Refineries	Basis for the value of the fraction of carbon in the flare gas contributed by methane (used in Equation Y-4) (i.e., select from Daily or more often measurements; Weekly measurements; Periodic (less frequent than weekly) measurements; One-time measurement; Engineering estimate; default (0.4); Other (specify, <200 characters))	98.256e89 <b>98.256e810</b>
Y - Petroleum Refineries	Coke burn-off factor	98.256f910
Y - Petroleum Refineries	Annual throughput of unit	98.256f910
Y - Petroleum Refineries	Average carbon content of coke	98.256f910
Y - Petroleum Refineries	Basis for the average carbon content of coke (i.e., select one of the following Weekly or more often measurements; Periodic (less frequent than week measurements; One-time measurement; Engineering estimate; default (0.94))	98.256f910
Y - Petroleum Refineries	Indicate whether you use a measured value, a unit-specific emission factor, or a default emission factor for CH4 emissions	98.256f4011
Y - Petroleum Refineries	Units of measure for the unit-specific emission factor	98.256f4011
Y - Petroleum Refineries	Activity data for calculating emissions	98.256f4011
Y - Petroleum Refineries	Basis for the unit-specific CH4 emission factor (i.e., select from Average of multiple source tests; Single source test within last 5 years; Single source test more than 5 years ago; Source test of identical unit at same facility)	98.256f4011
Y - Petroleum Refineries	Indicate whether you use a measured value, a unit-specific emission factor, or a default emission factor for N2O emissions	98.256f4112
Y - Petroleum Refineries	Units of measure for the unit-specific N2O emission factor	98.256f4112
Y - Petroleum Refineries	Activity data for calculating emissions	98.256f4112
Y - Petroleum Refineries	Basis for the unit-specific N2O emission factor (i.e., select from Average of multiple source tests; Single source test within last 5 years; Single source test more than 5 years ago; Source test of identical unit at same facility)	98.256f4112
Y - Petroleum Refineries	Average carbon content of coke	98.256f4213
Y - Petroleum Refineries	Coke burn-off factor	98.256g5 (98.256f910)
Y - Petroleum Refineries	Annual throughput of unit	98.256g5 (98.256f910)
Y - Petroleum Refineries	Average carbon content of coke	98.256g5 (98.256f910)
Y - Petroleum Refineries	Basis for the average carbon content of coke (i.e., select from Weekly or more often measurements; Periodic (less frequent than weekly) measurements; One-time measurement; Engineering estimate; Default factor)	98.256g5 (98.256f910)
Y - Petroleum Refineries	Indicate whether you use a measured value, a unit-specific emission factor, or a default emission factor for CH4 emissions	98.256g5 (98.256H011)
Y - Petroleum Refineries	Units of measure for the unit-specific emission factor	98.256g5 (98.256H011)
Y - Petroleum Refineries	Activity data for calculating emissions	98.256g5 (98.256H011)
Y - Petroleum Refineries	Basis for the unit-specific CH4 emission factor (i.e., select from Average of multiple source tests; Single source test within last 5 years; Single source test more than 5 years ago; Source test of identical unit at same facility)	98.256g5 (98.256H011)
Y - Petroleum Refineries	Indicate whether you use a measured value, a unit-specific emission factor, or a default emission factor for N2O emissions	98.256g5 (98.256H112)
Y - Petroleum Refineries	Units of measure for the unit-specific N2O emission factor	98.256g5 (98.256H112)
Y - Petroleum Refineries	Activity data for calculating emissions	98.256g5 (98.256H112)
Y - Petroleum Refineries	Basis for the unit-specific N2O emission factor (i.e., select from Average of multiple source tests; Single source test within last 5 years; Single source test more than 5 years ago; Source test of identical unit at same facility)	98.256g5 (98.256H112)
Y - Petroleum Refineries	CH4 emission factor	98.256j89
Y - Petroleum Refineries	Basis for the CH4 emission factor (i.e., select from Weekly or more often measurements; Periodic (less frequent than weekly) measurements; Average of multiple source tests; One-time source test; Default factor)	98.256j89
Y - Petroleum Refineries	Total quantity of crude oil plus the quantity of intermediate products received from off-site that are processed at the facility in the reporting year	98.256o211
Y - Petroleum Refineries	Method used to calculate the reported storage tank emissions for storage tanks processing unstabilized crude oil	98.256o54i
Y - Petroleum Refineries	Quantity of unstabilized crude oil received during the calendar year	98.256o54ii <b>98.256o54iii</b>
Y - Petroleum Refineries	Average pressure differential	98.256o54iii <b>98.256o54iii</b>
Y - Petroleum Refineries	Basis for the mole fraction of CH4 in the vent gas from the unstabilized crude oil storage tank (i.e., Measurement of methane composition; Engineering estimate of methane composition based on crude composition; Default)	98.256o54iv <b>98.256o54iv</b>