

Changes since
June 16, 2011 ECMPS Reporting Instructions
Monitoring Plan

December 21, 2011

Item	XML Element	Page number of June 17, 2009 Draft Reporting Instructions/Table or Element Reference	Old Text	Change	Explanation
1	Monitoring Default Data	p. 107/ Table 48	"COF = Co-Fired Fuels"	<i>"MIX = Co-Fired Fuels."</i>	Corrected fuel code for co-fired fuels.
2	Monitoring Qual LME Data	p. 139/ Description of Data	"If the unit is subject to an ozone-season NOx program (e.g., CAIROS, NBP, etc.), report a MONITORING QUALIFICATION DATA record with aQualificationTypeCode of "LMEA" and three supporting MONITORING QUAL LME DATA records (one for each required QualificationDataYear)."	"If the unit is subject to an ozone-season NOx program (e.g., CAIROS, NBP, etc.), report a MONITORING QUALIFICATION DATA record with aQualificationTypeCode of <i>"LMES"</i> and three supporting MONITORING QUAL LME DATA records (one for each required QualificationDataYear)."	Corrected qualification type code.
3	Multiple	p. 54 -		Table references off my two (Example, reference to Table 20 is meant to reference Table 18). Issue exists for references to Tables 18 - 59.	Inaccurate table references are a known issue.
4	Monitoring Qual LME Data	p. 136/ Table 56	New	Program information will be updated for future editions to include Transport Rule specifications	Update to data requirements to reflect changes in program information.

Changes since
June 16, 2011 ECMPS Reporting Instructions

December 21, 2011

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1	Component ID	Quality Assurance and Certification p. 204/ Component ID	If the event requires any component-level tests report the component ID subject to the certification/recertification/diagnostic testing. (If the event affects the entire system and requires tests on more than one component, be sure to report a QA Certification Event record for each applicable component.) If the event only requires system level tests (e.g., a RATA), leave this field blank. Examples of Event Codes that are system specific but not component-specific include 5, 10, and 130.	If the event requires any component-level tests report the component ID subject to the certification/recertification/diagnostic testing. (If the event affects the entire system and requires tests on more than one component, be sure to report a QA Certification Event record for each applicable component.) If the event only requires system level tests (e.g., a RATA), leave this field blank. Examples of Event Codes that are system specific but not component-specific include 10 and 130.	Event Code 5 was incorrectly included as a system specific but not component-specific event.
2	Flow-to-Load Reference	Quality Assurance and Certification p. 90 Description of Data	Do not analyze data recorded by a redundant backup flow monitors unless emissions data are reported from the system during the quarter.	Do not analyze data recorded by a redundant backup flow monitor unless emissions data are reported from the system during the quarter.	Fixed typo.
3	QA Certification Event Data	Quality Assurance and Certification p. 206/ Table 42	Code 120: Gas Monitoring System Complete Replacement	Code 120: New Gas Monitoring System (Complete Replacement or Methodology Change)	Changed code description to indicate this code should also be used for new systems resulting from a monitoring methodology change.
4	QA Certification Event Data	Quality Assurance and Certification p. 207/ Table 42	Code 300: Flow Monitor Complete Replacement	Code 300: New Flow Monitoring System (Complete Replacement or Methodology Change)	Changed code description to indicate this code should also be used for new systems resulting from a monitoring methodology change.
5	QA Certification Event Data	Quality Assurance and Certification. 207/ Table 42	New	Code 175: Adjustment of a Gas Monitor Following Failed QA Test.	Added Code 175 for adjustment of a failed monitor following a failed QA test.
6	QA Certification Event Data	Quality Assurance and Certification p. 208/ Table 42	New	Code 605: Initial Certification of Opacity Monitor	Added Code 605 for initial certification of an opacity monitor.
7	Operating Condition Code	Emissions p.85/ Table 33	Code E: Emergency Fuel	Code E: Emergency or Ignition Fuel	Changed code to allow for reporting of ignition fuel hours.
8	Gas Type Code	Emissions p. 23/ Table 5	New	Code ZAM: Zero Air Material	Added ZAM: Zero Air Material Code.
9	Gas Type Code	Emissions p. 48/ Table 8	New	Code ZAM: Zero Air Material	Added ZAM: Zero Air Material Code.

Changes since
June 16, 2011 ECMPS Reporting Instructions

December 21, 2011

Item	XML Element	Page number of June 16, 2011 Draft Reporting Instructions/Table or Element Reference	Old Text	Change	Explanation
10	Operating Condition Code	Emissions p. 85/ Operating Condition Code	When to Report "E": Report "E" if the unit burned an emergency fuel during the hour and you do not have a separate correlation curve for the emergency fuel. For these hours, report the fuel-specific maximum potential NOx emission rate (MER) in the ParameterValueForFuel field.	When to Report "E": Report "E" if the unit burned an emergency or ignition fuel during the hour and you do not have a separate correlation curve for the fuel. For these hours, report the fuel-specific maximum potential NOx emission rate (MER) in the ParameterValueForFuel field.	Modified code to allow use for ignition fuel hours.
11	QA Certification Event Data	Quality Assurance and Certification p. 205/ Table 42	"Permanent Gas Analyzer Replacement (Like-kind Analyzer, per Policy Question 7.22)"	"Permanent Gas Analyzer Replacement (Like-kind Analyzer, per Policy Question 7.13)"	Updated with correct description.
12	Protocol Gas Data	Quality Assurance and Certification p. 192/ Gas Level Code	"For an EPA Protocol gas, report the EPA-assigned PGVP Vendor ID of the production site that supplied the cylinder. Report "NONPGVP" if the cylinder was purchased from a non-participating vendor prior to 60 days after the final rule is published in the FR. Leave this field blank if the Gas Type Code is AIR, SRM, NTRM, GMIS, RGM, or PRM."	"For an EPA Protocol gas, report the EPA-assigned PGVP Vendor ID of the production site that supplied the cylinder. Report "NONPGVP" if the cylinder was purchased from a non-participating vendor prior to 60 days after the final rule is published in the FR. Leave this field blank if the Gas Type Code is ZERO , AIR, SRM, NTRM, GMIS, RGM, or PRM."	Updated to reflect addition of "ZERO" as an option for low-level calibration gas.
13	Protocol Gas Data	Quality Assurance and Certification p. 192/ Gas Level Code	"For an EPA Protocol gas, report the cylinder's expiration date. Leave this field blank if the Gas Type Code is AIR, SRM, NTRM, GMIS, RGM, or PRM."	"For an EPA Protocol gas, report the cylinder's expiration date. Leave this field blank if the Gas Type Code is ZERO , AIR, SRM, NTRM, GMIS, RGM, or PRM."	Updated to reflect addition of "ZERO" as an option for low-level calibration gas.
14	Gas Type Code	Emissions p. 48/ Table 8	New	Code ZERO: Zero calibration gas.	Added "ZERO" as option for low-level calibration gas.
15	Gas Type Code	Emissions p.23/ Table 5	Code ZAM: Zero Air Material	Removed.	Removed ZAM: Zero Air Material Code.
16	Gas Type Code	Emissions p. 48/ Table 8	Code ZAM: Zero Air Material	Removed.	Removed ZAM: Zero Air Material Code.

**Changes since
June 16, 2011 ECMPS Reporting Instructions
Emissions**

December 21, 2011

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1	Summary Value Data	p. 9/ Ozone Season to Date Total	"For locations subject to ozone season only programs, report the cumulative parameter value (i.e., emissions or time) as measured from the beginning of the ozone season to the end of the reporting period (for quarters 2 and 3) or the end of the ozone season (for quarter 4, if reporting year-round). The value should be rounded to the number of decimal places according to Table 2. For quarter 1 files, leave this field blank. If there was no operation at this location during the ozone season, report zero. For locations not subject to ozone season only programs, leave this field blank."	"For locations subject to ozone season only programs, report the cumulative parameter value (i.e., emissions or time) for the ozone season as follows: For a first quarter report, leave this field blank. For a second quarter report, report the sum parameter value (i.e., emissions or time) from the beginning of the ozone season (May 1) to the end of the reporting period. For a third quarter report, report the sum of the Ozone Season to Date Total value reported in the second quarter plus the quarterly value for the parameter reported for the third quarter. For a fourth quarter report, report the Ozone Season to date total from the third quarter report. All values should be rounded to the number of decimal places according to Table 2. If there was no operation at this location during the ozone season, report zero. For locations not subject to ozone season only programs, leave this field blank."	Updated instructions for quarterly reporting of ozone season to date totals.

Changes since
June 16, 2011 ECMPS Reporting Instructions
Emissions

December 21, 2011

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2	Summary Value Data	p. 9/ Year to Date Total	"For locations that report year-round, report the cumulative sum of current year quarterly totals for each parameter value (i.e., emissions or time). The value should be rounded to the number of decimal places according to Table 2. If there was no operation at this location during the calendar year-to-date, report zero. For ozone season only reporters, leave this field blank."	"For locations that report year-round, report the cumulative sum of current year quarterly totals for each parameter value (i.e., emissions or time) as follows: For a first quarter report, report the sum parameter value (i.e., emissions or time) for the quarter. For subsequent quarters, report the sum of the current reporting period plus the the quarterly values for the parameter reported in the previous quarters. For example, the Year to Date total for quarter three would be calculated by summing the current quarter three reporting period value with the previously reported quarter one and quarter two values. The value should be rounded to the number of decimal places according to Table 2. If there was no operation at this location during the calendar year-to-date, report zero. For ozone season only reporters, leave this field blank."	Updated instructions for quarterly reporting of year to date totals.
3	Daily Test Summary Data	p. 15/ Span Scale Code	"For Daily Calibration tests, report whether the component or the range of the instrument tested is high (H) or low (L) scale. (If the component is a single range and no default high range is in use, enter "H.")"	"For Daily Calibration tests, report whether the component or the range of the instrument tested is high (H) or low (L) scale. (If the component is a single range and no default high range is in use, enter "H.") <i>Do not report a span scale code for flow monitor components.</i> "	Clarified the use of this code for flow monitor components.
4	Daily Calibration Data	p. 18/ Description of Data	"You are not required to report additional failed calibration tests for a component when the data from that component is already considered invalid due to a previously failed calibration error test."	"You are not required to report additional failed calibration tests for a component when the data from that component is already considered invalid due to a previously failed calibration error test. <i>However, please note that tests reported as "FAILED" should be reported with all the necessary fields completed.</i> "	Added instructions for reporting failed tests.

Changes since
June 16, 2011 ECMPS Reporting Instructions
Emissions

December 21, 2011

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5	Monitor Hourly Value Data	p. 49/ Table 12		Added MODC Code 18: Code: "18" Parameters: "NOXC, SO2C" Description: "Maximum Potential Concentration (MPC) used to determine the hourly average for the portion of the hour when a high range monitor was unavailable due to an expired linearity or daily calibration error test. (See Policy Question 9.20)"	Added code.
6	Derived Hourly Value Data	p. 62/ Adjusted Hourly Value		Added to Heat Input Rate description: "In the rare event no units attached to the common stack generated load (Load = 0) during the hour, heat input should be apportioned by operating time."	Explained how to report heat input for units that do not generate load during an operating hour.
7	Derived Hourly Value Data	p.67/ Formula Identifier	"Report the Formula ID from the MONITOR FORMULA DATA record that is used for the calculation of the parameter. Leave this field blank for missing data hours and LME records."	Added "If using the Appendix D methodology to determine SO2, CO2, or Heat Input and burning multiple fuels for the hour, report the Formula ID from the MONITOR FORMULA DATA record with Formula Code D-12, G-4A, or D-15A respectively. If burning a single fuel for the hour, leave this field blank. If using multiple Appendix E curves to determine the NOx emission rate for the hour, report the Formula ID from the MONITOR FORMULA DATA record with Formula Code E-2. If using a single curve for the hour, leave this field blank."	Claified that this field is required except when a single fuel is used.

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June 16, 2011 ECMPS Reporting Instructions
Emissions

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8	Daily Calibration Data	p.18/Description of Data	<p>Partial calibration error tests (where the tested level passes the applicable specification) do not satisfy the daily calibration error requirements and are not required to be reported since they have no affect on data validation. If such calibrations are included in the emissions report, then report the result as "INC" in the DAILY TEST SUMMARY DATA record. Partial calibration error tests where the tested level fails to meet the applicable specification must be reported as a "FAILED" test. You are not required to report additional failed calibration tests for a component when the data from that component is already considered invalid due to a previously failed calibration error test. However, please note that tests reported as "FAILED" should be reported with all the necessary fields completed "</p>	<p>Added <i>"Daily calibration error tests conducted with expired gas cylinders, gas cylinders obtained from a vendor not participating in the PGPV program, or gas cylinders containing concentrations outside the required percentage of Monitor Span Value record are considered invalid and should not be reported."</i></p>	<p>Clarified that if the daily calibration tests were conducted using incorrect calibration gas, it is not necessary to report them.</p>