63.860(c) Excess Emissions Report
63.867(d)(2)
DRAFT
7/16/2021

OMB No.: 2060-0377 Form 5900-520 For further Paperwork Reduction Act information see: https://www.epa.gov/electronic-reporting-air-emissions/paperwork-reduction-act-pra-cedri-and-ert

40 CFR Part 63, Subpart MM -- Pulp and Paper Combustion Sources
Excess Emissions Reporting Spreadsheet Template
Welcome and Instructions

Purpose:

This spreadsheet template was designed by the U.S. EPA to facilitate semiannual excess emissions reporting under 40 CFR part 63, subpart MM.

The semiannual reporting requirements included in this report are found in §63.867(c) and (d).

Electronic reporting:

Electronic submission of semiannual excess emissions reports through the EPA's Compliance and Emissions Data Reporting (CEDRI) is required under §63.867(d)(2).

CEDRI is accessed through the EPA's Central Data Exchange: https://cdx.epa.gov

This spreadsheet template may be uploaded to CEDRI to fulfill the electronic reporting requirement under §63.867(d)(2).

For semiannual report, you may reference a single file attachment that includes additional information on the "Facility_Info" tab.

Do not submit information you claim as confidential business information (CBI) to EPA via CEDRI. EPA will make all the information submitted through CEDRI available to the public without further notice to you. Anything submitted using CEDRI cannot later be claimed to be CBI. Furthermore, under CAA section 114(c) emissions data is not entitled to confidential treatment and requires EPA to make emissions data available to the public. Thus, emissions data will not be protected as CBI and will be made publicly available.

Although we do not expect persons to assert a claim of CBI, if persons wish to assert a CBI claim, you must submit the report via CEDRI with the CBI omitted and mail a complete report, including any information claimed to be CBI, to EPA on a compact disc, flash drive, or other commonly used electronic storage media via U.S. postal service. You must mark the outside of the digital storage media as CBI and then identify electronically within the digital storage media the specific information that is claimed as CBI. Mail the media to the address in the referencing federal regulation. If no address is specified, mail the media to:

U.S. EPA/OAQPS/CORE CBI Office Attention: Group Leader,
Measurement Policy Group MD C404-02
4930 Old Page Rd
Durham, North Carolina 27703

IMPORTANT: The spreadsheet must be uploaded into CEDRI as a single ZIP file, which must include this Excel workbook and any related attachments that were referenced in the workbook (i.e., additional information file found in the "Company Information" worksheet).

Note: If you are uploading file attachments for your report, the uploaded files may be in any format (e.g., zip, docx, PDF). If you would like to include an Excel file(s) as an attachment, you must first zip the excel file(s) into a separate ZIP file to the master ZIP file that will be uploaded into CEDRI.

Once all data have been entered in the worksheet, combine this Excel workbook and all attachment files (including any ZIP file containing separate excel file(s), if applicable) into a single ZIP file for upload to CEDRI.

Please ensure your report includes all of the required data elements found in the listed citations below for this spreadsheet upload submission.

Template Navigation and Tabs to Complete:

Gray tabs: All semiannual excess emissions reports will include information in the gray tabs (Facility_Info, Unit_Info, and Monitoring_Equipment). The information in the gray tabs varies very little from one semiannual reporting period to the next. You can complete the gray tabs once and save the workbook for subsequent reporting periods in which you would only need to review the data provided and update it if needed.

Green tabs: In addition to the gray tabs, the green tabs (COMS1 through COMS10, CPMS1 through CPMS10, CMS_Process_Control_Changes, and Certification) comprise the *Summary Report - Gaseous and Opacity Excess Emissions and Continuous Monitoring Systems Performance Report* required under §63.867(c)(1). Each semiannual report must include the summary information for each emission unit and required monitoring system. Green tabs for continuous opacity (COMS1 through COMS10) or parameter monitors (CPMS1 through CPMS10) appear depending on your selections within the Unit_Info tab.
The CMS_Process_Control_Changes tab is available to describe any process control changes over the reporting period per §63.867(c)(1)(ix).
The Certification tab contains the certification statements of §63.10(e)(v) that must be indicated if they are applicable each semiannual report.

Orange tabs: A detailed report titled *Excess Emissions and Continuous Monitoring System Performance Report* is required under §63.867(c)(3) if:

- Total CMS downtime is 5 percent or greater of the total source operating time during the reporting period, or
- The CMS shows excess emissions for 1 percent or more of the operating time in the reporting period, or
- There was a violation according to 40 CFR 63.864(k)(2) of subpart MM.

Submit the detailed report using the format provided in the orange tabs in this spreadsheet (CMS Detail, EE Detail, and Failures), or you may upload a separate file into CEDRI containing the information required for the detailed report in an alternative file format. *If you populate the orange tabs in ths spreadsheet, copy/paste extra template tabs as needed for different process units and monitors that require detailed reporting.*

Reporting the information in the *Failures* tab is required when a violation of the standards has occurred.

The information in the orange tabs must be provided in addition to completing the gray and green summary report tabs when detailed reports are required.

Certification per §63.867(c)(1)(x):

Certification of your report in CEDRI satisfies the requirement in §63.867(c)(1)(x) that a certifying official certify based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Facility Information

Provide the company name, facility site name associated with the affected facility, the FRS ID, and the address of the affected facility. If an address is not available for the site, include a description of the site location and provide the **latitude and longitude coordinates of the site in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the North American Datum of 1983. [§63.867(c)(1)(i)]**

Additional information and any additonal files may be specified below.

1. Company Name:	
2. Facility site name associated with the affected facility:	
3. Facility Registry Service (FRS) number for the affected facility:	
4. Address of the affected facility:	
A. Address1	
B. Address2	
C. City	
D. County	
E. State Abbreviation	
F. Zip Code	
5. If an address is not available for the site, include a description of the site location and provide the latitude and longitude coordinates of the site:	
A. Description of the site location:	
B. Latitude:	
C. Longitude:	

Reporting Period Dates

Provide the beginning and ending date of the reporting period in MM/DD/YYYY format. [§63.867(c)(1)(ii)]

1. Beginning date:	
2. Ending date:	

Additional Information

Provide any additional information and the filenames of any attached files related to this report below.

1. Additional Information	
2. Name of Additonal File	

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Perform

Facility Information
This is the data used in importing to the CEDRI database.
These cells are locked, any changes necessary should be made on the Facility_Info tab.

Facility Record No.	1. Company Name (63.860(c)(1)(i))	2. Facility site name associated with the affected facility (63.860(c)(1)(i))	3. Facility Registry Service (FRS) number for the affected facility	4. Address of the affected facility (63.860(c)(1)(i))
RecordId	CompanyName	FacilityName	FrsSiteId	AddressLine1
	0	0	0	

nance

Address 2	City	County	State Abbreviation	Zip Code
AddressLine2	CityName	CountyName	StateName	ZipCode

A. Description of the site location	B. Latitude	C. Longitude	1. Beginning date (MM/DD/YYYY)	2. Ending date (MM/DD/YYYY)
SiteDescription	SiteLatitude	SiteLongitude	PeriodStartDate	PeriodEndDate

Please Enter Any Additional Information	Name of Additional Files
AddInfo	AddFile

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Process Unit Information -- 40 CFR Part 63, Subpart MM

Facility: 0--0

Reporting period: -

Identify each affected process unit being included in the semiannual excess emissions report

Describe each process unit included in this semiannual excess emissions report below. Select the "Process Unit Type" from the dropdown menu (e.g., recovery furnace, smelt dissolving tank, or lime kiln). The "Process Unit ID" should correspond to the ID in the Title V permit (e.g., EU28). The "Source ID" should correspond to the commonly used description of the unit (e.g., recovery furnace 04). The "Process Unit Description" should describe what the process unit is. [§63.867(c)(1)(iii)-(iv)] Identify the applicable emission limits for each process unit. [§63.867(c)(1)(iv)] Indicate "Yes" in column M or N if you are required to report continuous opacity monitoring system (COMS) or continuous parameter monitoring system (CPMS) data. A green COMS or CPMS reporting tab will appear when "Yes" is selected. APCD = air pollution control device, ESP - electrostatic precipitator, RTO = regenerative thermal oxidizer, Other = write in control device type

Process Unit ID	Process Unit Type	Source ID	Process Unit Description	New or Existing Unit	Multiple Process Unit Stacks	APCD Type	Operating Scenario	PM emission limit (numeric)	PM limit units of measure	Gaseous organic HAP limit (numeric)	Gaseous organic HAP limit units of measure	Is the Process Unit included in the subpart MM PM bubble compliance alternative in §63.862(a)(1)(ii)?	Does the Process Unit use an Administrator-approved air pollution control system other than an ESP, wet scrubber, RTO, or fabric filter per §63.864(e)(14)?	Tab no.
ProcessUnitId	ProcessUnitType	SourceID	ProcessUnitDesc	NewExist	MultiStack	ApcdType	OpScenario	PmEmLimit	PmEmUnit	GasHapLimit	GasHapUnit	ProcessUnitBubComp	ProcessUnitApcSystem	
														1
														2
														3
														4
														5
														6
														7
														8
														9
														10

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Monitoring Equipment -- 40 CFR Part 63, Subpart MM

Facility: 0--0

Reporting period: -

Identify the monitoring equipment and corresponding model number used to comply with subpart MM for each affected emission unit, as well as the date of the last CMS certification or audit. [§63.867(c)(1)([illegible]) and ([illegible])]

If the process unit has multiple stacks or emission points with different monitors, indicate the emission points in column D. For example: RB1 (stack A), RB1 (stack B)

Process Unit ID	Emission Point (Stack) ID	Monitoring Equipment Description	Monitoring Equipment Manufacturer	Model Number	Date of Last CMS Certification or Audit
ProcessUnitId	EPId	MonitorEqDesc	MonitorEqMfr	ModelNumber	CmsCertAudit

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								
Comments or clarifications if necessary:								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:
- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]

- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided	orange tabs in this workbook							
Comments or clarifications if necessary:								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:
- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup,

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

Count: Enter the number of 6-minute averaging periods recorded as excess emissions during the semiannual reporting period.

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								
Comments or clarifications if necessary:								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:
- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup,

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

Count: Enter the number of 6-minute averaging periods recorded as excess emissions during the semiannual reporting period.

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								
Comments or clarifications if necessary:								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:
- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup,

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]	0.00%	0.0%	0.00%	0.0%	0.00%	0.0%	0.00%	0.0%
Do excess emissions equal or exceed 1% of operating time?[2]	No		No		No		No	
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]		#N/A		#N/A		#N/A		#N/A
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level		**0**		**0**		**0**		**0**
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime	**0**		**0**		**0**		**0**	
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]	0.00%		0.00%		0.00%		0.00%	
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]	No		No		No		No	
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]

- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

Count: Enter the number of 6-minute averaging periods recorded as excess emissions during the semiannual reporting period.

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								

CMS Performance Summary [§63.867(c)(1)(viii)]					
Operating parameter					
1. CMS downtime in reporting period due to:	**Duration Hours**	**Duration Hours**	**Duration Hours**	**Duration Hours**	
a. Monitoring equipment malfunctions					
b. Non-monitor equipment malfunctions					
c. Quality assurance/quality control calibration					
d. Other known causes					
e. Unknown causes					
2. Total CMS downtime					
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]					
Is total CMS downtime greater than or equal to 5% of total source operating time?					
If detailed reporting is required, enter the type and/or filename of the detailed report provided					
Comments or clarifications if necessary:					

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:
- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								

CMS Performance Summary [§63.867(c)(1)(viii)]					
Operating parameter					
1. CMS downtime in reporting period due to:	**Duration Hours**	**Duration Hours**	**Duration Hours**	**Duration Hours**	
a. Monitoring equipment malfunctions					
b. Non-monitor equipment malfunctions					
c. Quality assurance/quality control calibration					
d. Other known causes					
e. Unknown causes					
2. Total CMS downtime					
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]					
Is total CMS downtime greater than or equal to 5% of total source operating time?					
If detailed reporting is required, enter the type and/or filename of the detailed report provided					

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]

- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

Count: Enter the number of 6-minute averaging periods recorded as excess emissions during the semiannual reporting period.

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								
Comments or clarifications if necessary:								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:
- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup,

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

Count: Enter the number of 6-minute averaging periods recorded as excess emissions during the semiannual reporting period.

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								
Comments or clarifications if necessary:								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup,

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

Count: Enter the number of 6-minute averaging periods recorded as excess emissions during the semiannual reporting period.

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								
Comments or clarifications if necessary:								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:
- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup,

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance

Continuous Opacity Monitoring Systems and ESP Parameter Monitoring -- 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary -- Opacity [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Process Unit Emission Point								
Operating parameter								
Opacity limit, %								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the AVC was operated properly during the reporting period. [§63.8641(e)(1)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**	**Duration Minutes**	**Count 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[2]								
Do excess emissions equal or exceed 1% of operating time?[2]								
Is the opacity violation level triggered? Violation level (count) = 2% or more of 6-min averages for recovery furnaces, or 3% or more of 6-min averages for lime kilns [§63.864(k)(2)(i)-(ii)]								
4. Count of exceedances of corrective action level in reporting period due to:[1]		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**		**Count 10 consecutive 6-min averages**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
5. Total count of exceedances of corrective action level								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Minutes**		**Duration Minutes**		**Duration Minutes**		**Duration Minutes**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[2]								
Is total CMS downtime greater than or equal to 5% of total source operating time?[2]								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

Count: Enter the number of 6-minute averaging periods recorded as excess emissions during the semiannual reporting period.

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Total Source Operating Time* (hours)	

*Includes all process unit operating time during the reporting period including startup/shutdown, malfunction, and all times when CMS are inoperative or producing invalid readings.

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								
Comments or clarifications if necessary:								

1. Enter the duration of excess emissions and number of averaging periods recorded as excess emissions, excluding:
- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids (for recovery furnaces) or lime mud (for kilns) is not fired. [§63.864(k)(1), (k)(2)]

2. Excludes periods of startup/shutdown for scrubber pressure drop.

3. If the total duration of excess emissions is 1% or greater of the total operating time, or the total CMS downtime is 5% or greater of the total operating time, both the Summary Report and the Excess Emissions and Continuous Monitoring Systems Performance Report must be submitted for this CMS and process unit. See the orange CMS Performance Detail and Excess Emissions Detail tabs to complete the Excess Emissions and Continuous Monitoring Systems Performance Report. [§63.867(c)(1) and (3)]

4. **Count:** Enter the number of averaging periods recorded as excess emissions during the semiannual reporting period. No more than one exceedance will be attributed in any given 24-hour period as specified in §63.864(k)(3); thus, you are only required to enter one 3-hour average exceedance for a given 24-hour period.

Note: It is possible that the duration hours reported may exceed the hours associated with the count of averaging periods due the provision in §63.864(k)(3).

Summary Report – Gaseous and Opacity Excess Emissions and Continuous Monitoring System Performance
Continuous Parameter Monitoring Systems – 40 CFR Part 63, Subpart MM

Tab Name: #VALUE!

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	#VALUE!
Process Unit Type	#VALUE!
Process Unit Description	#VALUE!
Air Pollution Control Device Type	#VALUE!
Total Source Operating Time* (hours)	-

*Includes all process unit operating time during the reporting period including startup,

Emission Data Summary [§63.867(c)(1)(iv) and (vii)]								
Index Number								
Operating parameter								
Averaging period								
Operating parameter limit (numerical value)								
Operating limit units (text)								
Mark with an "X" if no excess emissions or exceedances of a parameter have occurred during the reporting period. [§63.10(e)(3)(v)]								
Mark with an "X" if the CMS has not been inoperative, out of control, repaired, or adjusted during the reporting period. [§63.10(e)(3)(v)]								
1. Duration of excess emissions in reporting period due to:[1]	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**	**Duration Hours**	**Count No. of Averages[4]**
a. Startup/Shutdown								
b. Control Equipment Problems								
c. Process Problems								
d. Other known causes								
e. Unknown causes								
2. Total duration of excess emissions[2]								
3. (Total duration of excess emissions) / (Total Source Operating Time) x (100) %[3]								
Do excess emissions in item 3 meet or exceed 1% of operating time?								
Is the violation level triggered in item 2 above? Violation level: Six or more 3-hour average parameter values or any 3-hour average RTO temperature per semiannual period.								
Do any of the Count of No. of Averages in item 2 above occur concurrently? If so, how many?								
Do combined excess emissions in item 3 and/or combined counts in item 2 result in reporting requirements? (For scrubbers and other only)								
CMS Performance Summary [§63.867(c)(1)(viii)]								
Operating parameter								
1. CMS downtime in reporting period due to:	**Duration Hours**		**Duration Hours**		**Duration Hours**		**Duration Hours**	
a. Monitoring equipment malfunctions								
b. Non-monitor equipment malfunctions								
c. Quality assurance/quality control calibration								
d. Other known causes								
e. Unknown causes								
2. Total CMS downtime								
3. (Total CMS downtime) / (Total Source Operating Time) x (100) %[3]								
Is total CMS downtime greater than or equal to 5% of total source operating time?								
If detailed reporting is required, enter the type and/or filename of the detailed report provided								

CMS, Process, and Control Changes

Description of changes to CMS, processes, or controls since last reporting period.

Describe any CMS, process, or control changes which have occurred since the last reporting period. [§63.867(c)(1)(ix)]

CmsChangesDesc

Excess Emissions and Continuous Monitoring System Performance Report

Certification

Complete this form when you have completed the semiannual compliance report.

* Required Field

Is the statement "There were no excess emissions or exceedances of a parameter during the reporting period." applicable? (§63.10(e)(3)(v)) (Select from dropdown)	Is the statement "During the reporting period, no CMS has been inoperative, out of control, repaired, or adjusted." applicable? (§63.10(e)(3)(v)) (Select from dropdown)
DeviationFlag	MonitoringFlag

Excess Emissions and Continuous Monitoring System Performance Report

CMS Performance Detail Report -- 40 CFR Part 63, Subpart MM

Submit this CMS Detail Report (and the corresponding Excess Emissions Detail Report)* with your Summary Report when [§63.867(c)(3)]:

- Total CMS downtime is 5 or more percent of the total source operating time during the reporting period, or
- The CMS shows excess emissions for 1 or more percent of the operating time in the reporting period, or
- There was a violation according to 40 CFR 63.864(k)(2) of subpart MM.

*You may upload the required information into CEDRI using a separate file or alternative file format that differs from this tab if desired.

Company and Site Name	0--0
Reporting period dates (beginning date, ending date)	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
Air Pollution Control Device Type	
Process Unit Emission Point	

CMS Details:

[§63.867(c)(3)(i)-(ii)]							[§63.867(c)(3)(iv)]	[§63.867(c)(3)(v)-(vi)]
Start date*	**Start time**	**End date***	**End time**	**Duration (hours)**	**Operating Parameter Monitored**	**CMS inoperative or out of control**	**Nature and Cause of the event**	**Corrective action, preventative measure, CMS repair, or CMS adjustment**

Start date*	Start time	End date*	End time	Duration (hours)	Operating Parameter Monitored	CMS inoperative or out of control	Nature and Cause of the event	Corrective action, preventative measure, CMS repair, or CMS adjustment

Start date*	Start time	End date*	End time	Duration (hours)	Operating Parameter Monitored	CMS inoperative or out of control	Nature and Cause of the event	Corrective action, preventative measure, CMS repair, or CMS adjustment
		Total duration:			**0.0**			

*Date and time fields can be combined if necessary (e.g., if combined in facility records).

Insert or hide rows in this table as r

Excess Emissions and Continuous Monitoring System Performance Report

Excess Emissions Detail Report -- 40 CFR Part 63, Subpart MM

Submit this Excess Emissions Detail Report (and the corresponding CMS Performance Detail Report)* with your Summary Report when [§63.867(c)(3)]:

- Total CMS downtime is 5 or more percent of the total source operating time during the reporting period, or
- The CMS shows excess emissions for 1 or more percent of the operating time in the reporting period, or
- There was a violation according to 40 CFR 63.864(k)(2) of subpart MM.

Reporting monitoring exceedances does not constitute a violation of the applicable standard unless the criteria in §63.864(k)(2) and (k)(3) are reached.

*You may upload the required information into CEDRI using a separate file or alternative file format that differs from this tab if desired.

Company and Site Name	0--0
Reporting period dates	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
APCD Type	
Process Unit Emission Point	

Report excess emissions in the table below, including periods when opacity limits are exceeded or times when operating parameter limits are not met. Insert or hide rows in this table as needed.
§63.867(c)(3)(iii)(A)(5), (C)(3), (D)(3), and (E)(4); (c)(3)(iv); and (c)(3)(v)

Start date/time	End date/time	Excess emission duration	Duration units	Operating Parameter	Nature and cause of the exceeedance	Corrective action or preventative measure	Type of exceedance	Excluded data[1]
	Total duration:	0						
	Total duration minus excluded data[1]	0						

1. Excluded data are not required to be reported. The ability to flag data as excluded is for convenience in the case where a system exports all data including excluded data.

Data from the following periods are excluded from data averages:

- Monitoring data recorded during periods of unavoidable CMS breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high level adjustments [§63.864(h)]
- Monitoring data recorded during periods when spent liquor solids or lime mud is not fed (as applicable). [§63.864(k)(1), (k)(2)]

Excess Emissions and Continuous Monitoring System Performance Report

Report of Failure to Meet Standards -- 40 CFR Part 63, Subpart MM

Report failures to meet applicable standards in the table below.* [§63.867(c)(4)]

Failures include violations of the emission limits or operating limits under subpart MM.

*You may upload the required information into CEDRI using a separate file or alternative file format that differs from this tab if desired.

Company and Site Name	0--0
Reporting period dates	01/00/1900 - 01/00/1900
Process Unit ID	
Process Unit Type	
Process Unit Description	
APCD Type	
Process Unit Emission Point	

						Estimate the quantity of each regulated pollutant emitted over any emission limit:[3]					
						Pollutant 1[3]			**Pollutant 2[3]**		
Emission Limit or Operating Limit in Violation[1]	**Start Date[2]**	**Start Time[2]**	**Duration**	**Duration units**	**Method used to estimate emissions over any emission limit[3]**	**Emission Limit Failed**	**Units of emission limit**	**Magnitude of excess emissions (pounds)**	**Emission Limit Failed**	**Units of emission limit**	**Magnitude of excess emissions (pounds)**
							Total (lbs):	-		**Total (lbs):**	0
							Total (tons):	0.00		**Total (tons):**	0.0

1. When the violation involves a specific number of operating limits, you would record the duration for all of the parameter averages in excess of the operating limit, including the first operating parameter or opacity averages recorded before a violation is triggered. For example, if your process unit has a 3% opacity monitoring allowance but 4% of 6-minute opacity averages exceed the opacity limit, you would record all 4% of the opacity averages in exceedance in the table. Similarly, for process units with no more than 6 parameter averages in separate 24-hour periods allowed to be incurred before a violation is triggered, you would record the first 6 and all other parameter average exceedances regardless of the 24-hour period in which they occurred.

2. Date and time fields can be combined if necessary (e.g., if combined in facility records).

3. These columns apply if you had a failure of one of the subpart MM emission limits for PM (metal HAP), methanol, or total hydrocarbon (THC).

Revision Number	Date
1.00	10/11/2017
Draft	7/16/2021

Revisions
Draft version submitted to docket.
Second draft version, updated to reflect final rule and industry comments, updated CBI language and instructions on the Welc spelling errors and erroneous regulatory citations, blank column inserted at left for all parsed sheeets to allow for JSON parsin Map and Revisions tabs. Updated calculations for opacity corrective action level and 63.864(k)(3) provisions, updated formatt COMS pages to show blank when no parameter listed.

Blue = Cells used in VLOOKUP function in CPMS or COMS tabs				
Corrective Action and Violation Levels for CPMS -- Lookup Table				
Parameters	**Corrective action during times when spent liquor or lime mud is fired - §63.864(k)(1)**	**Violation levels - No. of averaging periods during times when spent liquor or lime mud is fired within the semiannual reporting period - §63.864(k)(2)**	Lookup violation limit (must have less than....)	
Scrubber liquid flow	Any 3-hour average is below the minimum limit	6 or more 3-hour averages are below the minimum limit	6	
Scrubber pressure drop	Any 3-hour average is below the minimum limit except during S/S	6 or more 3-hour averages are below the minimum limit except during S/S	6	
SDT scrubber fan amperage	Any 3-hour average is below the minimum limit	6 or more 3-hour averages are below the minimum limit	6	
RTO temperature (3-hr)	Any 1-hour average is below the minimum limit	Any 3-hour average falls below the minimum limit	1	
Alternative parameter (3-hr)	Any 3-hour average does not meet the operating limit	6 or more 3-hour averages do not meet the limit	6	
RTO temperature (1-hr)	Any 1-hour average is below the minimum limit	Not applicable		
Hog fuel dryer at Cosmopolis, WA mill	Bag leak detection system alarm sounds	Corrective action is not initiated within 1 hour of alarm and the alarm is engaged for more than 5% of total operating time		
Violation Levels for COMS + Semiannual ESP Parameters -- Lookup Table				
Parameters	**Corrective action during times when spent liquor or lime mud is fired - §63.864(k)(1)**	**Violation levels - No. of averaging periods during times when spent liquor or lime mud is fired within the semiannual reporting period - §63.864(k)(2)**	Lookup violation limit	
Recovery furnace opacity	The average of ten consecutive 6-minute averages result in a measurement greater than 20 percent opacity	Opacity greater than 35% (for existing) or 20% (for new) for 2% or more of operating time*	0.02	
Lime kiln opacity	The average of ten consecutive 6-minute averages result in a measurement greater than 20 percent opacity	Opacity greater than 20% for 3% or more of operating time*	0.03	
*Applies for recovery furnaces and lime kilns with ESP control.				

Process Unit Type (CPMS)
Recovery Furnace
Smelt Dissolving Tank
Lime Kiln
Sulfite Combustion Unit
Semichemical Combustion Unit

APCD
ESP
Wet Scrubber
ESP and Wet Scrubber
RTO
Vented to Recovery Furnace
Other: *{specify}*

Generic Y/N/NA
Yes
No
N/A

Exceedance Reasons
Startup/shutdown
Control equipment problems
Process problems
Other known causes
Other unknown causes

CMS Downtime Reasons
Monitoring equipment malfunction
Non-monitoring equipment malfunction
Quality assurance
Quality control calibration
Other known cause
Other unknown cause

Parameters
Scrubber liquid flow
Scrubber pressure drop
SDT scrubber fan amperage
RTO temperature (1-hr)
RTO temperature (3-hr)
Alternative parameter (3-hr)
Bypass of Control Device
Automatic Voltage Control
Opacity

Averaging time
3-hour
1-hour

Averaging period basis
Hours
Minutes

Forced blank cell

Process Unit Type (COMS)
Recovery Furnace
Lime Kiln

APCD (COMS)
Electrostatic Precipitator (ESP)

Parameters (COMS)
Recovery furnace opacity
Lime kiln opacity
Automatic Voltage Control

Averaging period (COMS)
6-minute

PM limit units
gr/dscf @ 8% O2
gr/dscf @ 10% O2
lb/ton BLS

Gaseous organic HAP units
lb/ton BLS (THC as carbon)