

# 40 CFR 63, Subpart DDDDD Reporting Requirements in CEDRI

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**AECOM**

# Overview

## – Basics of CEDRI

- Background
- Registration

## – Step-by-step instructions

- Creating a submittal package
- Specifics on the Entries
  - Templates for upload
  - What is required and what is not included in the templates
- Submittal

# **Compliance and Emissions Data Reporting Interface (CEDRI)**

# CEDRI – The Basics

- CEDRI is a web-base reporting tool that was developed to support the EPA E-reporting rules.
  - Performance Test Reports (ERT)
  - Notification Reports (NOCS or Initial Notifications)
  - Air Emissions Reports (i.e., semiannual reporting)
- Provides an electronic format for reporting requirements under 40 CFR 60 and 63.
- CEDRI is housed under the EPA Central Data Exchange Website (CDX).

## CEDRI – Registration

- Registration is completed on the CDX website at <https://cdx.epa.gov/>
- Three potential roles for registration:
  - Preparer: Access to develop and upload files to create a submittal package. Cannot sign or submit a package.
  - Certifier: Can develop, sign, and submit a package. Full access. Contractors are prohibited from being a Certifier.
  - Designated Certifier: Same as certifier. Contractors are prohibited from being Delegated Certifiers.
- To register: select role, search for your facility, complete account information, and request role access. Follow link in email once account is approved to complete registration.

# Boiler MACT CEDRI Reporting Requirements

# Boiler MACT CEDRI Reporting Requirements

- Performance Test Results (ERT)
  - Within 60 days following completion of the test.
- CEMS Relative Accuracy Test Audit (RATA) results
  - Within 60 days following completion of the audit.
- Semiannual or annual compliance reports
  - Submitted by January 31 or July 31 each year.
  - For units subject only to work practices (tune ups); compliance reports are due annually, biennially, or every 5 years on January 31.
  - Initial compliance report due January 31, 2017.
    - Includes all data from the initial compliance date through December 31, 2016 (see §63.7550(b)(1)).
- Note: NOCS under Boiler MACT is not an e-reporting requirement but there is a template for filing a Federal NOCS, not for delegated States.

# Boiler MACT CEDRI Reporting Requirements Cont'd

- Compliance Reports
  - Reporting for Units with only work practice standards (e.g., gas 1 or limited use units)
    - Basic facility/unit information
    - Date of last tune-up,
    - Certification statement,
    - and, for limited use units the total operating time of the unit.
  - Reporting for Units complying by fuel analysis
    - Basic facility/unit information,
    - Total fuel use by fuel
    - Monthly fuel analysis summary
    - Deviation documentation
    - Malfunction reporting
    - Date of last tune-up
    - Emission averaging statement (if applicable)
    - Certifying Statement
    - Startup/Shutdown required information



# Boiler MACT CEDRI Reporting Requirements Cont'd

- Compliance Reports Cont'd
  - Reporting for Units complying by performance testing and CMS parameter monitoring.
    - Basic facility/unit information ,
    - CMS manufacturer, model number, and last certification or audit date (as required),
    - Total fuel use,
    - For 3-year testing, date of last test and any process changes that could impact emissions since that time,
    - Statement that no new fuels were burned, required calculations demonstrating compliance is still achieved for the new fuel mix, or alternately notification of intent to conduct a new performance test within 60 days of starting to burn the new fuel,
    - Deviation documentation,
    - Emission averaging statement (if applicable),
    - Summaries of all CEMS or PM CPMS rolling averages,
    - Malfunction reporting,
    - Date of last tune-up,
    - Certifying Statement,
    - Startup/Shutdown required information
  - Reporting for any combination of these (i.e., complying by fuel analysis and performance testing/CMS).

# **CEDRI Reporting: A Step-by-step Guide to Submittal**

# **CEDRI Reporting: How to input the data and what is required.**

- Start by creating a submittal package.
- After creating a submittal package, you select the reports and/or templates you want to use.
- Most all of the required data can be input into the Compliance Report Template.
- For larger data sets, Excel templates are available for upload of data. Excel templates are available on the EPA CEDRI homepage or for download out of CEDRI under the compliance report - reporting utilities selection:
  - deviation reporting,
  - malfunction reporting,
  - CMS downtime reporting,
  - fuel use,
  - CEMS and CMS Summaries
  - Bulk loading for multi-facility reporting and XML schema formats for uploading out of a database are also available.

## **CEDRI Reporting: Creating a Submittal Package.**

- Start by selecting create new package.
  - Step 1: Name your submittal package
  - Step 2: Select your facility
  - Step 3: Under “Part 63 subparts”, Select DDDDD – Major Source Boilers
  - Step 4: Select 63.7550(h)(3) Compliance Report
    - Excel workbooks for uploading CEMS summaries, CMS downtime, deviations, malfunctions, and fuel use summaries are available under the “Reporting Utilities” section if you have not downloaded them from the CEDRI main webpage.
  - Step 5: Select Create/Edit Form(s)
- You will be prompted to answer several questions that will generate your customized form.

# CEDRI Reporting: Creating a Submittal Package

## Create/Edit Submission Package

1. Package Name:\*

Package

2. Edit Facility Details 

Certifiers:	Brad Justus
Facility Name:	AECOM
Facility Address:	1600 PERIMETER PARK DR, MORRISVILLE, NC 27560
Mailing Address:	<a href="#">Click to add mailing address</a>
Longitude of Facility:	-78.82861
Latitude of Facility:	35.85347


3. Select all applicable subparts for which you are required to submit reports.\*

[Help](#) 


Part 60 subparts:

Select options 

Part 62 subparts:

Select options 

Part 63 subparts:

Select options 

# CEDRI Reporting: Creating a Submittal Package

4. For each of the subparts below, use the drop-down list to select the reports you wish to submit for that subpart, then click the "Use Selected Report(s)" button to create those reports.

Sort By Part ▼ Collapse All

**Part 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories**  
**Subpart DDDDD – In Progress** ⚠ ✖

Subpart DDDDD - Major Source Boilers

Note: Under federal regulation for this subpart, you must electronically submit:

- 63.7550(h)(1) Results of the Performance Tests
- 63.7550(h)(2) CEMS Performance Evaluation Test
- 63.7550(h)(3) Compliance Report

Your Permitting Authority may require you to electronically submit reports identified as (Optional).

New version of the following form is currently available in the system: Part 63 Subpart DDDDD 63.7550(h)(3) Compliance Report. If you are currently working on this report and created your submission package prior to January 22, 2016, the new form will not be reflected in your report. It is recommended that the new form be used in order to ensure that your submission contains all the elements required by the regulation.

1 selected ▼ Use Selected Report(s)

☒ Check all ☐ Uncheck all ✖

☐ 63.7550(h)(1) Results of the Performance Tests


☐ 63.7550(h)(2) CEMS Performance Evaluation Test

☒ 63.7550(h)(3) Compliance Report

☐ Bulk Upload of 63.7550(h)(3) Compliance Report Later Submit

☐ Notice of Compliance Status (Optional for Federal Reporting)

EPA Home | Privacy and Security Notice | Accessibility | CDX Help Desk: 888-890-1995 | (970) 494-5500 for callers from Puerto Rico and Guam | About CDX | Frequently Asked Questions | Terms and Conditions | Contact Us



# CEDRI Reporting: Creating a Submittal Package

The screenshot shows the EPA Central Data Exchange (CDX) interface for creating a submittal package. The header includes the EPA logo and the text "United States Environmental Protection Agency" on the left, and the "CDX" logo with "CENTRAL DATA EXCHANGE" on the right. Below the header, the "Central Data Exchange" title is on the left, and "Help Desk" and "Contact Us" links are on the right. A left-hand navigation menu contains several options: "Welcome Page and Navigation Information", "Compliance Report Selection" (which is highlighted), "Emission Point:", "Pollutant:", "Fuel Use During the Reporting Period", "Additional Information", and "Compliance Report Upload". The main content area is titled "Compliance Report Selection" and includes a note: "The asterisk (\*) next to each field indicates that the corresponding field is required." Below this, it says "Select the appropriate 63.7550(c) reporting form:". There are three questions, each with "Yes" and "No" radio button options: 1. "Are you submitting under 63.7550(c)(1), if the facility is subject to the requirements of a Tune Up? \*" with "Yes" selected. 2. "Are you submitting under 63.7550(c)(2), if the facility is complying with the Fuel Analysis? \*" with "Yes" selected. 3. "Are you submitting under 63.7550(c)(3), if the facility is complying with the applicable emissions limit with Performance Testing? \*" with "Yes" selected. A fourth question is partially visible: "Are you submitting under 63.7550(c)(4), if the facility is complying with an emissions limit using a CMS? \*" with "Yes" selected. A "Note" at the bottom states: "Please refer to the Compliance Report Upload page to provide all applicable Compliance Report attachment(s)." At the very bottom, there are four buttons: "Previous Page", "Next Page", "Save", and "Save & Close", followed by a "Mark as Complete" button.

**EPA** United States Environmental Protection Agency

CENTRAL DATA EXCHANGE **CDX**

Central Data Exchange Help Desk Contact Us

▼ Welcome Page and Navigation Information

Compliance Report Selection

▼ Emission Point: +

▼ Pollutant: +

Fuel Use During the Reporting Period

Additional Information

Compliance Report Upload

### Compliance Report Selection

The asterisk (\*) next to each field indicates that the corresponding field is required.

Select the appropriate 63.7550(c) reporting form:

Are you submitting under 63.7550(c)(1), if the facility is subject to the requirements of a Tune Up? \*

☒ Yes  
☐ No

Are you submitting under 63.7550(c)(2), if the facility is complying with the Fuel Analysis? \*

☒ Yes  
☐ No

Are you submitting under 63.7550(c)(3), if the facility is complying with the applicable emissions limit with Performance Testing? \*

☒ Yes  
☐ No

Are you submitting under 63.7550(c)(4), if the facility is complying with an emissions limit using a CMS? \*

☒ Yes  
☐ No

**Note:** Please refer to the Compliance Report Upload page to provide all applicable Compliance Report attachment(s).

Previous Page Next Page Save Save & Close Mark as Complete

# CEDRI Reporting: Creating a Submittal Package

- At this point, you can add additional emission units and CMS Parameters. Under the “Emission Point” and “Pollutant: Parameter” headers on the left blue column you will notice a “+” sign to accomplish this under each item. Hovering over it allows you to “Add a page”.
- Add a page for each CMS under each Emission Point indicated in your site-specific monitoring plan. For multiple stacks with individual parameters you can create an emission point for each of them.
- You can either upload files or enter discreet line values for:
  - CMS Downtime
  - Malfunctions
  - Deviations
  - Monitoring System Summary (rolling averages required by the rule 30-day or 10-day)
  - Fuel use
- Note: you must submit each of these reports that pertain to each of the CMS independently. A single event can be considered downtime, a malfunction, and a deviation and need to be entered on each section of the report.



# CEDRI Reporting: Specifics on the Entries.

## – Emission Points

- Process unit description
  - Select the unit from pick list or chose other to add it
  - For multiple stacks on the same unit you can enter that information under emission point description.
- Emission point description
  - East Stack, West Stack, Common Stack, etc.
- Emission Point ID
  - Permit ID for the specific release point
- Stack height and diameter
- Latitude and longitude of the release point

# CEDRI Reporting: Specifics on the Entries Cont'd.

The screenshot displays the EPA Central Data Exchange (CDX) interface for entering emission point data. The header includes the EPA logo and the CDX logo. A left-hand navigation menu contains links such as 'Welcome Page and Navigation Information', 'Compliance Report Selection', 'Emission Point:', 'Pollutant:', 'Fuel Use During the Reporting Period', 'Additional Information', and 'Compliance Report Upload'. The main content area is titled 'Emission Point' and includes a note: 'The asterisk (\*) next to each field indicates that the corresponding field is required.' The form fields are as follows:

- Process Unit Description \***: A dropdown menu with 'Select One'.
- Emission Point Description**: A dropdown menu with 'Select One'.
- State/Local Agency Emission Point ID**: A text input field.
- Stack Height**: A text input field.
- Units**: A dropdown menu with 'Select One'.
- Stack Diameter**: A text input field.
- Units**: A dropdown menu with 'Select One'.
- Latitude of Emissions Point**: A text input field.
- Longitude of Emissions Point**: A text input field.

At the bottom of the form are four buttons: 'Previous Page', 'Next Page', 'Save', and 'Save & Close'. A 'Mark as Complete' button is also present. The footer contains contact information for the CDX Help Desk and links to EPA Home, Privacy and Security Notice, and Contact Us.

# CEDRI Reporting: Specifics on the Entries Cont'd.

- Pollutant CMS:
  - Pollutant CMS Parameter and limit
    - Carbon Injection Rate (kg/Btu or liters/hr)
    - CO (ppm)
    - Dry Scrubber Sorbent (kg/Btu, kg/hr, or liters/hr)
    - ESP Total Secondary Power (volt-amps)
    - Hg CEMS (lb/MMBtu)
    - O<sub>2</sub> (%)
    - Opacity (%)
    - PM CEMS (lb/MMBtu)
    - PM CPMS (none); note this is a milliamp value
    - Scrubber liquid flow (gal/min)
    - Scrubber pH (none)
    - Scrubber pressure drop (inches H<sub>2</sub>O)
    - SO<sub>2</sub> (ppm)
    - Unit Load (%); limit is 110

# CEDRI Reporting: Specifics on the Entries Cont'd.

The screenshot displays the EPA Central Data Exchange (CDX) interface for the Emissions Summary form. The header includes the EPA logo and the text "United States Environmental Protection Agency" on the left, and the CDX logo with "CENTRAL DATA EXCHANGE" on the right. A navigation sidebar on the left contains links such as "Welcome Page and Navigation Information", "Compliance Report Selection", "Emission Point:", "Pollutant: Unit Operating Load" (which is highlighted), "Monitoring Systems Summary", "Fuel Use During the Reporting Period", "Additional Information", "Compliance Report Upload", and "Compliance Report Selection". The main content area is titled "Emissions Summary" and includes a note: "The asterisk (\*) next to each field indicates that the corresponding field is required." The form fields are as follows: "Pollutant/Parameter \*" is a dropdown menu with "Unit Operating Load" selected; "Parameter Limit \*" is a text input with "110"; "Pollutant/Parameter Units \*" is a dropdown menu with "%" selected; "Compliance Period \*" is a dropdown menu with "30 Operating Day Rolling Avg Periods" selected. Below these is a section titled "Reporting Period" containing "Reporting Period Start Date \*" and "Reporting Period End Date \*" as text inputs, and "Total source operating time in reporting period \*" as a text input with a "Total Time" button. To the right of this is "Operating Time Units" with a "Hours" button. Below the reporting period section are "Number of Compliance Averaging Periods" as a text input and "Compliance Period Units" as a dropdown menu with "Days" selected. The final section is "Monitor/Equipment Information" with "Monitor/Manufacturer \*" and "Monitor Model No. \*" as text inputs. At the top right of the main content area, there are links for "Help Desk" and "Contact Us".

**Emissions Summary**

The asterisk (\*) next to each field indicates that the corresponding field is required.

Pollutant/Parameter \*  
Unit Operating Load

Parameter Limit \*  
110

Pollutant/Parameter Units \*  
%

Compliance Period \*  
30 Operating Day Rolling Avg Periods

Reporting Period

Reporting Period Start Date \*  
Reporting Period End Date \*

Total source operating time in reporting period \*  
Total Time

Operating Time Units  
Hours

Number of Compliance Averaging Periods  
Compliance Period Units  
Days

Monitor/Equipment Information

Monitor/Manufacturer \*  
Monitor Model No. \*

# CEDRI Reporting: Specifics on the Entries Cont'd.

Compliance Report Upload

Number of Compliance Averaging Periods

Compliance Period Units

Days

Monitor/Equipment Information

Monitor/Manufacturer \*

Monitor Model No. \*

Date of latest CMS certification/audit \*

Was there an occurrence of a Deviation from the emissions or operating limit to justify a Deviation Summary? \*

☐ Yes

☐ No

Was there an occurrence of a Deviation from continuous monitoring to justify a CMS Performance Summary? \*

☐ Yes

☐ No

Were there any boiler, process heater, association air pollution control device, or CMS malfunctions during the reporting period to justify a Malfunction Report? \*

☐ Yes

☐ No

Note: You may supply additional information on the Additional Information page, if needed.

Previous Page

Next Page

Save

Save & Close

Mark as Complete

## CEDRI Reporting: Specifics on the Entries Cont'd.

- Your responses to the three questions will automatically generate the required reporting forms in the Compliance Report.
  - “Was there an occurrence of a Deviation from the **continuous monitoring** to justify a CMS Performance Summary?” = CMS Downtime Summary
  - “Was there an occurrence of a Deviation from the **emissions** or **operating limit** to justify a Deviation Summary?” = Deviation Summary (**CMS deviations, emission levels, and operating limit deviations**)
  - “Was there any **boiler, process heater, associated air pollution control device, or CMS malfunctions** during the reporting period to justify a Malfunction Report?” = Malfunction Summary (**equipment and CMS malfunctions**)

# CEDRI Reporting: Specifics on the Entries Cont'd.

The screenshot shows the EPA Central Data Exchange (CDX) interface for the 'CMS Downtime Summary' report. The header includes the EPA logo and 'United States Environmental Protection Agency' on the left, and 'CENTRAL DATA EXCHANGE CDX' on the right. A navigation sidebar on the left lists various report types, with 'CMS Downtime Summary' currently selected. The main content area is titled 'CMS Downtime Summary' and includes a note: 'Note : Fill out if you have CMS Downtime'. Below this, a text box states: 'You can upload a spreadsheet to populate this grid. The file must be in .xls, .xlsx, or .xlsm format.' An 'Upload' button is provided. A table with 8 columns is shown: 'CMS Downtime Reason', 'Other Reason', 'Date Event Begins', 'Time Event Begins', 'Date Event Ends', 'Time Event Ends', and 'Total Downtime'. The first row is highlighted with a 'Select One' dropdown menu. Below the table, there are input fields for 'Total CMS downtime' (value: 0) and 'Percent CMS downtime (%)' (value: NaN%). At the bottom, there are buttons for 'Previous Page', 'Next Page', 'Save', 'Save & Close', and 'Mark as Complete'.

**EPA** United States Environmental Protection Agency

CENTRAL DATA EXCHANGE **CDX**

Central Data Exchange [Help Desk](#) [Contact Us](#)

▼ Welcome Page and Navigation Information

Compliance Report Selection

▼ Emission Point: +

▼ Pollutant: Unit Operating Load +

CMS Downtime Summary

Malfunction Report

Deviation Summary

Monitoring Systems Summary

Fuel Use During the Reporting Period

Additional Information

### CMS Downtime Summary

Note : Fill out if you have CMS Downtime

You can upload a spreadsheet to populate this grid. The file must be in .xls, .xlsx, or .xlsm format.

	CMS Downtime Reason	Other Reason	Date Event Begins	Time Event Begins	Date Event Ends	Time Event Ends	Total Downtime
+ Add new row							
1	Select One						

< >

Total CMS downtime ⓘ  
0

Percent CMS downtime (%) ⓘ  
NaN%

# CMS Downtime Spreadsheet.

Spreadsheet Instructions		
<p>This Excel spreadsheet may be used to import CMS Downtime Summary data into AER forms for Subpart DDDDD. The type of data, and format of expected input for each column can be found in the Input Columns and Input Types tables below. Data can be entered in accordance with these instructions in the 'Data' worksheet.</p> <p>In the CEDRI Air Emissions Report form, click on the 'Upload' button to choose the Excel file you would like to upload. After choosing a file, a mapping between the columns in the spreadsheet and the columns in the form will automatically take place in the 'Map Spreadsheet Columns to Import' box. Finally, click 'Import' to upload your data to the form grid.</p>		
Input Columns		
Column Name	Input Type	Row On Form
CMSDowntimeReason	Dropdown	Cms Downtime Reason
CMSDowntimeInformation.OtherKnownCause	Text	Other Reason
CMSDowntimeInformation.EventBeginDate	Date	Date Event Begins
CMSDowntimeInformation.EventBeginTime	Time	Time Event Begins
CMSDowntimeInformation.EventEndDate	Date	Date Event Ends
CMSDowntimeInformation.EventEndTime	Time	Time Event Ends
CMSDowntime	Blocked	Total Down Time
CMSDowntimeUnits	Blocked	Units
SystemRepairAdjustmentDescription	Text	Description of system repair or adjustment
Input Types		
Input Type	Explanation	
Blocked	Blocked input will be distinguished by a grey background. These values will be autocalculated on import. The spreadsheet should not contain values entered by the user	
Date	Date input should be in a MM/DD/YYYY format	
Dropdown	Dropdown cells will display a box with a downward pointing arrow in them to the right of the cell when you click the cell. To pick an option, click the A dropdown cell will only values from the dropdown.	
Text	Text input will take any input	
Time	Time input should be in 24 hour, or military time. The input should be in a HH:MM format	

CMSDowntimeReason	CMSDowntimeInformation.OtherKnownCause	CMSDowntimeInformation.EventBeginDate	CMSDowntimeInformation.EventBeginTime	CMSDowntimeInformation.EventEndDate	CMSDowntimeInformation.EventEndTime	CMSDowntime	CMSDowntimeUnits	SystemRepairAdjustmentDescription
Monitor equipment malfunctions						(this field will auto-calculate)	Hours	
Non-Monitor equipment malfunctions						(this field will auto-calculate)	Hours	
Quality assurance calibration						(this field will auto-calculate)	Hours	
Other known causes						(this field will auto-calculate)	Hours	



# CEDRI Reporting: Specifics on the Entries Cont'd.

**EPA** United States Environmental Protection Agency **CDX** CENTRAL DATA EXCHANGE

Central Data Exchange [Help Desk](#) [Contact Us](#)

Malfunction Report

You can upload a spreadsheet to populate this table. The file must be in .xls, .xlsx, or .xslm format.


	Malfunction Description	Date Malfunction Begins	Time Malfunction Begins ⓘ	Date Malfunction Ends	Time Malfunction Ends ⓘ
+ Add new row					
1					


# Malfunction Report Spreadsheet

Spreadsheet Instructions		
<p>This Excel spreadsheet may be used to import Malfunction data into AER forms for Subpart DDDDD. The type of data, and format of expected input for each column can be found in the Input Columns and Input Types tables below. Data can be entered in accordance with these instructions in the 'Data' worksheet.</p> <p>In the CEDRI Air Emissions Report form, click on the 'Upload' button to choose the Excel file you would like to upload. After choosing a file, a mapping between the columns in the spreadsheet and the columns in the form will automatically take place in the 'Map Spreadsheet Columns to Import' box. Finally, click 'Import' to upload your data to the form grid.</p>		
Input Columns		
Column Name	Input Type	Row On Form
MalfunctionDescription	Text	Malfunction Description
EquipmentMalfunctionInformation.EventBeginDate	Date	Date Malfunction Begins
EquipmentMalfunctionInformation.EventBeginTime	Time	Time Malfunction Begins
EquipmentMalfunctionInformation.EventEndDate	Date	Date Malfunction Ends
EquipmentMalfunctionInformation.EventEndTime	Time	Time Malfunction Ends
EquipmentMalfunctionInformation.CorrectiveActionDescription	Text	Description of Corrective Action
Input Types		
Input Type	Explanation	
Date	Date input should be in a MM/DD/YYYY format	
Dropdown	Dropdown cells will display a box with a downward pointing arrow in them to the right of the cell when you click the cell. To pick an option, click the A dropdown cell will only values from the dropdown.	
Text	Text input will take any input	
Time	Time input should be in 24 hour, or military time. The input should be in a HH:MM format	

MalfunctionDescription	EquipmentMalfunctionInformation.EventBeginDate	EquipmentMalfunctionInformation.EventBeginTime	EquipmentMalfunctionInformation.EventEndDate	EquipmentMalfunctionInformation.EventEndTime	EquipmentMalfunctionInformation.CorrectiveActionDescription

# CEDRI Reporting: Specifics on the Entries Cont'd.

 **EPA**  
United States Environmental Protection Agency

CENTRAL DATA EXCHANGE 

Central Data Exchange

[Help Desk](#) [Contact Us](#)

▼ Welcome Page and Navigation Information

Compliance Report Selection

▼ Emission Point: +

▼ Pollutant: Unit Operating Load +

CMS Downtime Summary

Malfunction Report

**Deviation Summary**

Monitoring Systems Summary

Fuel Use During the Reporting Period

Additional Information

### Deviation Summary

You can upload a spreadsheet to populate this table. The file must be in .xls, .xlsx, or .xslm format.

Upload

	Deviation Reason	Other Reason	Date Event Begins	Time Event Begins ⓘ	Date Event Ends	Time Event Ends ⓘ	Deviation Time ⓘ	Unit
+ Add new row								
1	Select C							Hour

< >

Total duration of deviations ⓘ  
0

Percent duration of deviations (%) ⓘ  
NaN%

Previous Page Next Page

Save Save & Close Mark as Complete

Page 27

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# Deviation Report Spreadsheet

Spreadsheet Instructions
<p>This Excel spreadsheet may be used to import Deviation Summary data into AER forms for Subpart DDDDD. The type of data, and format of expected input for each column can be found in the Input Columns and Input Types tables below. Data can be entered in accordance with these instructions in the 'Data' worksheet.</p> <p>In the CEDRI Air Emissions Report form, click on the 'Upload' button to choose the Excel file you would like to upload. After choosing a file, a mapping between the columns in the spreadsheet and the columns in the form will automatically take place in the 'Map Spreadsheet Columns to Import' box. Finally, click 'Import' to upload your data to the form grid.</p>

Input Columns		
Column Name	Input Type	Row On Form
DeviationReason	Dropdown	Deviation Reason
DeviationInformation.OtherKnownCause	Text	Other Reason
DeviationInformation.EventBeginDate	Date	Date Event Begins
DeviationInformation.EventBeginTime	Time	Time Event Begins
DeviationInformation.EventEndDate	Date	Date Event Ends
DeviationInformation.EventEndTime	Time	Time Event Ends
DeviationTime	Number	Deviation Time
DeviationTimeUnits	Text	Units
DeviationEstimateBasis	Dropdown	Description of system repair or adjustment
DeviationInformation.OtherEstimateBasisDescription	Text	Describe

Input Types	
Input Type	Explanation
Blocked	Blocked input will be distinguished by a grey background. These values will be
Date	Date input should be in a MM/DD/YYYY format
Dropdown	Dropdown cells will display a box with a downward pointing arrow in them to the right of
Number	Number input should be numeric.
Text	Text input will take any input
Time	Time input should be in 24 hour, or military time. The input should be in a HH:MM format

DeviationReason	DeviationInformation.OtherKnownCause	DeviationInformation.EventBeginDate	DeviationInformation.EventBeginTime	DeviationInformation.EventEndDate	DeviationInformation.EventEndTime	DeviationTime	DeviationTimeUnits	DeviationEstimateBasis	DeviationInformation.OtherEstimateBasisDescription
Startup or Shutdown								Compliance Test	
Control equipment problems								CEMS	
Process problems								Engineering Calculation	
Other known causes								Operating Logs	
Unknown causes								Other	

# CEDRI Reporting: Specifics on the Entries Cont'd.

The screenshot shows the EPA Central Data Exchange (CDX) interface. The header includes the EPA logo and the text "United States Environmental Protection Agency" on the left, and "CENTRAL DATA EXCHANGE CDX" on the right. Below the header, the "Central Data Exchange" title is on the left, and "Help Desk" and "Contact Us" links are on the right. A left-hand navigation menu contains several options: "Welcome Page and Navigation Information", "Compliance Report Selection", "Emission Point:", "Pollutant: Unit Operating Load", "CMS Downtime Summary", "Malfunction Report", "Deviation Summary", "Monitoring Systems Summary" (highlighted in a darker blue box), "Fuel Use During the Reporting Period", and "Additional Information". The main content area is titled "CMS Summary" and contains the instruction: "You can upload a spreadsheet to populate this table. The file must be in .xls, .xlsx, or .xslm format." Below this is an "Upload" button. A table with two columns, "Date" and "Compliance Average", is displayed. The table has a header row, a row labeled "Add new row" with a plus icon and "Clear" and "Export" buttons, and one data row with the number "1" in the first column and an "X" icon in the second. Below the table are "Previous Page" and "Next Page" buttons. At the bottom right of the main area are three green buttons: "Save", "Save & Close", and "Mark as Complete".

**EPA** United States Environmental Protection Agency

CENTRAL DATA EXCHANGE **CDX**

Central Data Exchange [Help Desk](#) [Contact Us](#)

▼ Welcome Page and Navigation Information

Compliance Report Selection

▼ Emission Point: +

▼ Pollutant: Unit Operating Load +

CMS Downtime Summary

Malfunction Report

Deviation Summary

**Monitoring Systems Summary**

Fuel Use During the Reporting Period

Additional Information

### CMS Summary

You can upload a spreadsheet to populate this table. The file must be in .xls, .xlsx, or .xslm format.

Date	Compliance Average
+ Add new row <input type="button" value="Clear"/> <input type="button" value="Export"/>	
1	<input type="button" value="X"/>

# CEMS or CMS Summary Spreadsheet

Spreadsheet Instructions		
<p>This Excel spreadsheet may be used to import CEMS Summary data into AER forms for Subpart DDDDD. The type of data, and format of expected input for each column can be found in the Input Columns and Input Types tables below. Data can be entered in accordance with these instructions in the 'Data' worksheet.</p> <p>In the CEDRI Air Emissions Report form, click on the 'Upload' button to choose the Excel file you would like to upload. After choosing a file, a mapping between the columns in the spreadsheet and the columns in the form will automatically take place in the 'Map Spreadsheet Columns to</p>		
Input Columns		
Column Name	Input Type	Row On Form
CEMS Date	Date	Date
ComplianceRollingAverage	Number	Compliance Rolling Average
Input Types		
Input Type	Explanation	
Date	Date input should be in a MM/DD/YYYY format	
Number	Number input should be a numeric value	

CEMSDate	ComplianceRollingAverage

# CEDRI Reporting: Specifics on the Entries Cont'd.

The screenshot shows the EPA Central Data Exchange (CDX) interface. The header includes the EPA logo and the text "United States Environmental Protection Agency" on the left, and "CENTRAL DATA EXCHANGE CDX" on the right. Below the header, the "Central Data Exchange" title is on the left, and "Help Desk" and "Contact Us" links are on the right. A left sidebar contains a navigation menu with the following items: "Welcome Page and Navigation Information", "Compliance Report Selection", "Emission Point:", "Pollutant: Unit Operating Load", "CMS Downtime Summary", "Malfunction Report", "Deviation Summary", "Monitoring Systems Summary", "Fuel Use During the Reporting Period" (highlighted), and "Additional Information". The main content area is titled "Fuel Use During the Reporting Period". It contains the instruction: "You can upload a spreadsheet to populate this table. The file must be in .xls, .xlsx, or .xslm format." Below this is an "Upload" button. A table with the following columns is displayed: "Fuel Type", "Begin Date", "End Date", "Total Fuel Used", "Units", "Other Unit", and "Is this non-w". Below the table header is a row labeled "Add new row". The first row of the table has a cell with the number "1", followed by a dropdown menu with "Select One", and then empty cells for the remaining columns. Below the table is a "Previous Page" button and a "Next Page" button. At the bottom right of the main content area are three buttons: "Save", "Save & Close", and "Mark as Complete".

**Central Data Exchange**

**Fuel Use During the Reporting Period**

You can upload a spreadsheet to populate this table. The file must be in .xls, .xlsx, or .xslm format.

Upload

Fuel Type	Begin Date	End Date	Total Fuel Used	Units	Other Unit	Is this non-w
+ Add new row						
1	Select One			Select		Select

Previous Page Next Page

Save Save & Close Mark as Complete

# Fuel Use Spreadsheet

Spreadsheet Instructions		
<p>This Excel spreadsheet may be used to import Fuel Use data into AER forms for Subpart DDDDD. The type of data, and format of expected input for each column can be found in the Input Columns and Input Types tables below. Data can be entered in accordance with these instructions in the 'Data' worksheet.</p> <p>In the CEDRI Air Emissions Report form, click on the 'Upload' button to choose the Excel file you would like to upload. After choosing a file, a mapping between the columns in the spreadsheet and the columns in the form will automatically take place in the 'Map Spreadsheet Columns to Import' box. Finally, click 'Import' to upload your data to the form grid.</p>		
Input Columns		
Column Name	Input Type	Row On Form
FuelType	Dropdown	Fuel Type
FuelUseDuringReportingPeriod.EventBeginDate	Date	Begin Date
FuelUseDuringReportingPeriod.EventEndDate	Date	End Date
FuelUseDuringPeriod	Number	Total Fuel Used
FuelUnits	Dropdown	Units
OtherFuelUnit	Text	Other Unit
NonWasteFuelType	Dropdown	Is this fuel a non-waste?
NonWasteRationale	Text	Basis for concluding the fuel is a non-waste
Input Types		
Input Type	Explanation	
Date	Date input should be in a MM/DD/YYYY format	
Dropdown	Dropdown cells will display a box with a downward pointing arrow in them to the right of the cell when you click the cell. To pick an option, click the A dropdown cell will only values from the dropdown.	
Number	Number inputs will take numeric input	
Text	Text input will take any input	

Fuel Type	FuelUseDuringReportingPeriod.EventBeginDate	FuelUseDuringReportingPeriod.EventEndDate	FuelUseDuringPeriod	FuelUnits	OtherFuelUnit	NonWasteFuelType	NonWasteRationale
Biomass - Dry				MMBtu		EPA determined non-	
Biomass - Wet				TBtu		Non EPA determined non-waste	
Coal with heating value greater than or equal to 8300 Btu/lb				Ton/Hour		No	
Coal Blend with heating value greater than or equal to 8300 Btu/lb (Input percent makeup in description)				Other			
Low Rank Virgin Coal							
Gasified coal							
Solid oil-derived fuel							
Gasified solid oil-derived fuel							



# CEDRI Reporting: Specifics on the Entries Cont'd.

The screenshot displays the EPA Central Data Exchange (CDX) interface for the 'Additional Information' section. The header includes the EPA logo and 'United States Environmental Protection Agency' on the left, and 'CENTRAL DATA EXCHANGE CDX' on the right. A navigation sidebar on the left lists various report types, with 'Additional Information' currently selected. The main content area is titled 'Additional Information' and contains the following elements:

- A note: 'The asterisk (\*) next to each field indicates that the corresponding field is required.'
- A text prompt: 'Describe any changes since last quarter in CMS, process or controls' followed by a text input field.
- A text prompt: 'Please enter any additional information.' followed by a text input field.
- A paragraph of text: 'If you demonstrate compliance by emission averaging, certify the emission level achieved or the control technology employed is no less stringent than the level or control technology contained in the notification of compliance status in § 63.7545(e)(5)(i). \*'
- Three radio button options: 'Yes', 'No', and 'Not Applicable'.
- A text prompt: 'Please attach any additional information.' followed by an 'Upload' button.

At the bottom of the form, there are four buttons: 'Previous Page', 'Next Page' (highlighted in blue), 'Save', and 'Save & Close'. A 'Mark as Complete' button is also present on the right side of the bottom row.

## CEDRI Reporting: What additional information?

- Example: For boilers only subject to Tune-ups:
  - **63.7550(c)(1)** – If the facility is subject to the requirements of a tune up you must submit a compliance report with the information in paragraphs 63.7550 (c)(5)(i) through (iii), 63.7550(c)(5)(xiv) and (xvii), and paragraph 63.7550(c)(5)(iv) for limited-use boiler or process heater.
  - The report does not contain any of this data. You will need to upload it as a single ZIP file or single document.

## CEDRI Reporting: What additional information?

### – Example: Boilers complying by fuel analysis only

- **63.7550(c)(1)** – If the facility is subject to the requirements of a tune up you must submit a compliance report with the information in paragraphs 63.7550 (c)(5)(i) through (iii), 63.7550(c)(5)(xiv) and (xvii), and paragraph 63.7550(c)(5)(iv) for limited-use boiler or process heater.
- **63.7550(c)(2)** – If you are complying with the fuel analysis you must submit a compliance report with the information in paragraphs 63.7550(c)(5)(i) through (iii), (vi), (x), (xi), (xiii), (xv), (xvii), (xviii) and paragraph 63.7550(d).
- Same scenario, you will need to create a file or ZIP file that contains all of this information.

## CEDRI Reporting: What additional information?

- Examples of other missing data on the form:
  - 63.7550(c)(5)(ii) : “emissions limitations”
  - 63.7550(c)(5)(vii): “date of last two performance tests”
  - 63.7550(c)(5)(viii): “ statement that no new fuels were burned or if so required updated calculations”
  - 63.7550(c)(5)(ix): “notification for new fuel and associated performance test”
  - 63.7550(c)(5)(x): “summary of monthly fuel analysis” (don’t forget moisture for HSG units)
  - 63.7550(c)(5)(xiii): Malfunctions of boilers or control devices
  - 63.7550(c)(5)(xiv): information about the last tune up
  - 63.7550(c)(5)(xviii): startup and shutdown required data
  - 63.7550(d): deviations not associated with CMS

# CEDRI Reporting: Specifics on the Entries Cont'd.

The screenshot shows the EPA Central Data Exchange (CDX) interface for uploading a compliance report. The header includes the EPA logo and the text "United States Environmental Protection Agency" on the left, and the "CDX" logo with "CENTRAL DATA EXCHANGE" on the right. Below the header, the "Central Data Exchange" title is on the left, and "Help Desk" and "Contact Us" links are on the right. A left-hand navigation menu contains several options: "Welcome Page and Navigation Information", "Compliance Report Selection", "Emission Point:", "Pollutant: Unit Operating Load", "CMS Downtime Summary", "Malfunction Report", "Deviation Summary", "Monitoring Systems Summary", "Fuel Use During the Reporting Period", and "Additional Information". The main content area is titled "Compliance Report Upload". It begins with a note: "The asterisk (\*) next to each field indicates that the corresponding field is required." This is followed by instructions: "On the previous page for any of the first three questions applicable to the 63.7550(c) report(s) with a response of 'Yes,' attach a ZIP file if submitting multiple files or a PDF file if submitting a single file. If you elect to use a ZIP file, the ZIP file may contain individual files in any file format (e.g., .xls, .docx, PDF)." Three specific reporting requirements are listed: 63.7550(c)(1) for tune-up reports, 63.7550(c)(2) for fuel analysis reports, and 63.7550(c)(3) for emissions limit performance testing reports. An asterisk (\*) is shown below these requirements. An "Upload" button is positioned below the requirements. A message states: "You have reached the end of the report. To continue, please click the 'Mark as Complete' button." At the bottom, there are four buttons: "Previous Page", "Preview/Print Report", "Save", and "Mark as Complete".

**EPA** United States Environmental Protection Agency

CENTRAL DATA EXCHANGE **CDX**

Central Data Exchange Help Desk Contact Us

Compliance Report Upload

The asterisk (\*) next to each field indicates that the corresponding field is required.

On the previous page for any of the first three questions applicable to the 63.7550(c) report(s) with a response of 'Yes,' attach a ZIP file if submitting multiple files or a PDF file if submitting a single file. If you elect to use a ZIP file, the ZIP file may contain individual files in any file format (e.g., .xls, .docx, PDF).

**63.7550(c)(1)** – If the facility is subject to the requirements of a tune up you must submit a compliance report with the information in paragraphs 63.7550 (c)(5)(i) through (iii), 63.7550(c)(5)(xiv) and (xvii), and paragraph 63.7550(c) (5)(iv) for limited-use boiler or process heater.

**63.7550(c)(2)** – If you are complying with the fuel analysis you must submit a compliance report with the information in paragraphs 63.7550(c)(5)(i) through (iii), (vi), (x), (xi), (xiii), (xv), (xvii), (xviii) and paragraph 63.7550(d).

**63.7550(c)(3)** – If you are complying with the applicable emissions limit with performance testing you must submit a compliance report with the information in 63.7550(c)(5)(i) through (iii), (vi), (vii), (viii), (ix), (xi), (xiii), (xv), (xvii), (xviii) and paragraph 63.7550(d).

\*

Upload

You have reached the end of the report. To continue, please click the 'Mark as Complete' button.

Previous Page Preview/Print Report Save Save & Close Mark as Complete

# CEDRI Reporting: Certifying

3.7550(h)(1) Results of the Performance Tests  
3.7550(h)(2) CEMS Performance Evaluation Test  
3.7550(h)(3) Compliance  
Permitting Authority

version of the following  
pliance Report. If you  
ary 22, 2016, the new  
der to ensure that you

ect Reports

3.7550(h)(3) Com

port Status

atus Date

rm ID

porting Utilities

I certify, under penalty of law, that this document and all attachments were prepared under my direction of supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Accept Decline

Save And Complete Later Submit

# CEDRI Reporting: Certifying

4. For each of the subparts below, use the drop-down list to select the reports you wish to submit for that subpart, then click the "Use Selected Report(s)" button to create those reports.

Sort By  Collapse All

Part 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories  
Subpart DDDDD – Complete

Subpart DDDDD - Major Source Boilers

Note: Under federal regulation for this subpart, you must electronically submit:

- 63.7550(h)(1) Results of the Performance Tests
- 63.7550(h)(2) CEMS Performance Evaluation Test
- 63.7550(h)(3) Compliance Report

Your Permitting Authority may require you to electronically submit reports identified as (Optional).

New version of the following form is currently available in the system: Part 63 Subpart DDDDD 63.7550(h)(3)

eSignature Widget

1. Log in to CDX

User:  
BRAD.JUSTUS

Password:  
\*\*\*\*\*

Welcome Brad Justus

2. Verification

Question:  
Where did you first meet your spouse?

Answer:  
spouse

Correct Answer

3. Sign File

Sign

Reporting Utilities

[Click here to access templates and schemas](#)

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CDX Help Desk: 888-890-1995 | (970) 494-5500 for callers from Puerto Rico and Guam

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# Thank You – Questions?

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**AECOM**