63.4720 Semiannual Compliance Report

63.4720(a)

ICR Draft v2.01

6/13/2022

OMB No.: 2060-0510 Form 5900-594 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 QQQQ -- Surface Coating of Wood Building Products

Semiannual Compliance Reporting Spreadsheet Template

Welcome and Instructions

Purpose:

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

The semiannual reporting requirements included in this report are found in §63.4720.

Electronic reporting:

Electronic submission of semiannual compliance reports through the EPA's Compliance and Emissions Data Reporting (CEDRI) is required under §63.4720.

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 §63.4720(a).

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

Do not submit information you claim as confidential business information (CBI) to EPA via CEDRI. EPA will make all the information submitted through this form via C
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 e
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
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
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 addr
federal regulation. If no address is specified, mail the media to:

U.S. EPA/OAQPS/CORE CBI Office Attention: Group Lead
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 referen
(i.e., additional information file found in the "Gen_requirements" tab).

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
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 appli
file for upload to CEDRI.

Template Navigation and Tabs to Complete.

***All semiannual reports will include the General Requirements (gray tab), the Compliance Option (blue tab) and the Certification (red tab). Complete green tabs only
during the period covered by the semiannual report. Complete the green tab(s) specific to the deviation(s) that occured.***

Gray tab: All semiannual compliance reports will include the information in the gray tab (Gen_requirements). The information in the gray tab is unlikely to change fro
reporting period to the next. Complete the gray tab and save the workbook for subsequent reporting periods in which you would only need to review the data previo
update it if necessary.

Blue tab: All semiannual compliance reports will include the information in the blue tab (Compliance_Option). Provide a response for each coating operation at the af
§63.4681 and §63.4682). The information in the blue tab will only vary if compliance options or processes change. Complete the blue tab and save the workbook for
periods in which you would only need to review the data previously provided and update it if necessary.

Green tabs: Only complete a green tab if there was a devation covered by the period in the semiannual report. Only complete the green tab(s) that represent(s) the c
and where deviations occurred during the reporting period and the relevant summary tabs. Tabs are included for each of the compliance options; compliant coatings,
controls, and emission rate with controls. Tabs for the emission rate with controls category are further broken down in to the deviation type: emission rate exceeden
Deviation Summary, Operating Limit, Work Practices, and a deviation summary. Last, there is a tab Describe any changes in the CPMS, coating operation, emission cap
control device which have occurred since the last reporting period . The green tabs are: Compliant_material_option, Emiss_rate_wo_controls_option, or Emiss_rate_
Emiss_rate_w_controls_emissions, Emiss_rate_w_controls_CPMS, Emiss_rate_w_controls_OpLimit, Emiss_rate_w_controls_WorkP, Emiss_rate_w_controls_Summar
Emiss_rate_w_controls_Changes

Within the tabs, example rows are colored light red, and the XML tags are colored green. These rows are locked; no data entry can be made in the colored rows. Enter
blank rows.

Certification:
Red Tab: The Certification tab must be completed for every report. The requirement in §63.4720(a)(3)(ii) that a responsible official certify based on information and be
reasonable inquiry, the statements and information in the document are true, accurate, and complete are fulfilled in the submission process to CEDRI.

In the case where either no deviations from emission limitations or no periods where the CPMS were out-of-control during the compliance period, select the appropri
comply with §63.4720(a)(4).

Note: Each semiannual compliance report must be submitted no later than July 31 or January 31, whichever date is the first date following the end of the semiannual re

Semiannual Compliance Report – General Re

Facility Information

Provide the company name, facility site name associated with the

1. Company Name:
2. Facility site name for 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. Description of the site location and provide the latitude and lo
A. Description of the site location:
B. Latitude:
C. Longitude:

Reporting Period Dates

Provide the beginning and ending date of the reporting period in I

1. Beginning date:
2. Ending date:

Additional Information

Provide any additional information and the filenames of any attac

Please enter any additional information:
Filename of any additional files:

equirements

affected facility, the FRS ID, and the address of the affected facility. [§63.4720(a)(3)]

ngitude coordinates of the site:

MM/DD/YYYY format. [§63.4720(a)(3)(iii)]

hed files related to this report below.

Semiannual Compliance Report – Compliance Information

Compliance Option(s) Information

Facility:

Reporting period: 01/00/1900 - 01/00/1900

Provide a response for each coating operation at the affected source (see: §63.4681 and §63.4682). Select the appropriate dropdown menu item identifying the compliance option(s) used on each coating operation during the reporting period. §63.4720(a)(3)(iv)]:

Coating Operation [§63.4720(a)(3)(iv)]	**Compliance Option [§63.4720(a)(3)(iv)] (Select from dropdown)**	**If options switched during reporting period, provide beginning date [§63.4720(a)(3)(iv)]**	**If options switched during reporting period, provide ending date [§63.4720(a)(3)(iv)]**
CoatingOperation	ComplianceOptions	SwitchStartDate	SwitchEndDate
e.g.: Wet Coating Finishing Line	e.g.: Emission Rate Without Add-on Controls	e.g.:1/1/2017	e.g.:3/1/2017
e.g.: Wet Coating Finishing Line	e.g.: Emission Rate With Add-on Controls	e.g.:3/1/2017	e.g.:6/30/2017

Deviation Information – Compliant Material Option

40 CFR Part 63, Subpart QQQQ Section [§63.4720(a)(5)]

Facility:

Reporting period: 01/00/1900 - 01/00/1900

Identify each coating used that deviated from the emission limit, each thinner and cleaning material used that contained organic HAP, and the dates an

Coating Operation [§63.4720(a)] (Select from dropdown)	**Name of Coating That Deviated From the Emission Limit or HAP Containing Thinner or Cleaning Material [§63.4720(a)(5)(i)]**	**Material Type [§63.4720(a)(5)(i)]** (Select from dropdown)	**Affected Source Type** (Select from dropdown)	**Subpart QQQQ Subcategory** (Select from dropdown)
CoatingOperation	MaterialName	MaterialType	AffectedSource	SubpartCategory
e.g.: Wet Coating Finishing Line	e.g.: Topcoat	e.g.: Coating	e.g.: Existing affected source	e.g.: Flooring

d time periods each was used. [§63.4720(a)(5)]

Units for Organic HAP Emission Limit (Select from dropdown)	Organic HAP Emission Limit (Automatic Lookup)	Calculated Organic HAP Content (Eq. 2) (g/L) [§63.4720(a)(5)(ii)]	Mass Fraction of Organic HAP [§63.4720(a)(5)(iii)]	Cause of Deviation [§63.4720(a)(5)(iv)]	Starting Date of Use [§63.4720(a)(5)(iv)]
HapEmissionLimitUnit	HapEmissionLimit	HapContentAmount	HapMassFraction	DeviationCause	UseStartDate
e.g.: lb HAP/gal solids	e.g.: 0.78	e.g.: 77.4	e.g.: 0.65	e.g.: Contaminated coating	e.g.: 1/12/2018

Starting Time of Use [§63.4720(a)(5)(iv)]	Ending Date of Use [§63.4720(a)(5)(iv)]	Ending Time of Use [§63.4720(a)(5)(iv)]
UseStartTime	UseEndDate	UseEndTime
e.g.: 13:45	e.g.: 1/13/2018	e.g.: 09:15

Deviation Information – Emission Rate Without Add-O

40 CFR Part 63, Subpart QQQQ Section 63.4720(a)(6)

Facility:

Reporting period: 01/00/1900 - 01/00/1900

Identify the beginning and ending dates of each compliance period during
and the calculations used to determine the 12-month organic HAP emission rate

Coating Operation [§63.4720(a)] (Select from dropdown)	**Beginning Date of Deviation Period [§63.4720(a)(6)(i)]**	**Ending Date of Deviation Period [§63.4720(a)(6)(i)]**
CoatingOperation	DeviationStartDate	DeviationEndDate
e.g.: Wet Coating Finishing Line	e.g.: 02/01/2017	e.g.: 2/28/2018

n Controls Option

which the 12-month organic HAP emission rate exceeded the applicable emission limit;

for the compliance period in which the deviation occurred. [§63.4720(a)(6)]

Affected Source Type (Select from dropdown)	Subpart QQQQ Subcategory (Select from dropdown)	Units for Organic HAP Emission Limit (Select from dropdown)
AffectedSource	SubpartCategory	HapEmissionLimitUnit
e.g.: Existing affected source	e.g.: Flooring	e.g.: lb HAP/gal solids

Organic HAP Emission Limit (Automatic lookup)	Calculated Organic HAP Emissions (Eq. 1) (g) [§63.4720(a)(6)(ii)]	Calculated Mass of Organic HAP in Coatings (Eq. 1A or 1A-alt) (g) [§63.4720(a)(6)(ii)]	Calculated Mass of Organic HAP in Thinners (Eq. 1B) (g) [§63.4720(a)(6)(ii)]
HapEmissionLimit	TotalHapEmissions	CoatingCalcMass	ThinnerCalcMass
e.g.: 0.78	e.g.: 162.4	e.g.: 165.6	e.g.: 72.3

Calculated Mass of Organic HAP in Cleaning Materials (Eq. 1C) (g) [§63.4720(a)(6)(ii)]	**Mass of Organic HAP in Waste Materials Sent Out (Rw) (g) [§63.4720(a)(6)(ii)]**	**Calculated Organic HAP Emission Rate (Eq. 3) (g/L) [§63.4720(a)(6)(ii)]**	**Cause of Deviation [§63.4720(a)(6)(iii)]**
CleaningCalcMass	WasteHapMass	HapEmissionRate	DeviationCause
e.g.: 74.5	e.g.: 150.0	e.g.: 0.812	e.g.: Incorrect formulation

Deviation Information – Emission Rate With Add-On Controls Option

40 CFR Part 63, Subpart QQQQ Section 63.4720(a)(7)(ii)
12-month organic HAP emission rate exceedances
Facility:
Reporting period: 01/00/1900 - 01/00/1900

Identify the beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limit; and the calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. [§63.4720(a)(7)(ii)]

Coating Operation [§63.4720(a)] (Select from dropdown)	Beginning Date of Deviation Period [§63.4720(a)(7)(ii)(A)]	Ending Date of Deviation Period [§63.4720(a)(7)(ii)(A)]	Affected Source Type (Select from dropdown)	Subpart QQQQ Subcategory (Select from dropdown)	Units for Organic HAP Emission Limit (Select from dropdown)	Organic HAP Emission Limit (Automatic Lookup)	Calculated Mass of Organic HAP Emissions (Eq. 1) (g) [§63.4720(a)(7)(ii)(B)]	Calculated Mass of Organic HAP in Coatings (Eq. 1A or 1A-alt) (g) [§63.4720(a)(7)(ii)(B)]	Calculated Mass of Organic HAP in Thinners (Eq. 1B) (g) [§63.4720(a)(7)(ii)(B)]	Calculated Mass of Organic HAP in Cleaning Materials (Eq. 1C) [§63.4720(a)(7)(ii)(B)]	Mass of Organic HAP in Used During All Deviations (Eq. 1D) (g) [§63.4720(a)(7)(ii)(B)]	Total Volume of Coating Solids Used (liters or gal) [§63.4720(a)(7)(ii)(B)]	Total Volume of Coating Solids Used (units) (Select from list) [§63.4720(a)(7)(ii)(B)]	Calculated Mass of Organic HAP Emission Reduction (Eq. 1, 1A-1D, 2, 3, and 3A-3C of §63.4761) [§63.4720(a)(7)(ii)(B)]	Calculated Mass of Organic HAP Emissions (Eq. 4 of §63.4761) [§63.4720(a)(7)(ii)(B)]	Calculated Organic HAP Emission Rate (Eq. 5 of §63.4761) [§63.4720(a)(7)(ii)(B)]	Cause of Deviation [§63.4720(a)(7)(iv)(M)]
CoatingOperation	DeviationStartDate	DeviationEndDate	AffectedSource	SubpartCategory	HapEmissionLimitUnit	HapEmissionLimit	TotalHapEmissions	CoatingCalcMass	ThinnerCalcMass	CleaningCalcMass	TotalDeviationMass	CoatingTotalVolume	CoatingTotalVolumeUnit	HapEmissionReduction	HapEmissionsEqFour	HapEmissionRate	DeviationCause
e.g.: Wet Coating Finishing Line	e.g.: 02/01/2018	e.g.: 2/28/2018	e.g.: Existing affected source	e.g.: Flooring	e.g.: lb HAP/gal solids	e.g.: 0.78	e.g.: 726.3	e.g.: 420.0	e.g.: 350.0	e.g.: 210.5	e.g.: 216.5	e.g.: 523.5	e.g.: liters	e.g.: 0	e.g.: 0	e.g.: 0	e.g.: Spill outside recovery area

CPMS Deviation Information – Emission Rate With Add-On Controls Opti

40 CFR Part 63, Subpart QQQQ Section 63.4720(a)(7)(ii)

Continuous Parameter Monitoring System Details

Facility:

Reporting period: 01/00/1900 - 01/00/1900

Coating Operation [§63.4720(a)] (Select from dropdown)	CPMS Description [§63. 4720(a)(7)(ii)(C)]	Date of Last CPMS Certification or Audit [§63. 4720(a)(7)(ii)(D)]
CoatingOperation	CpmsDescription	CpmsAuditDate
e.g.: Wet Coating Finishing Line	e.g.: Combustion Temperature	e.g.: 2/1/2017

ion

CPMS Inoperative or Out of Control [§63. 4120(g)(6) or (7)] (Select from dropdown)	Starting Date CPMS Inoperative or Out of Control [§63. 4720(a)(7)(ii)(E) or (F)]	Starting Time CPMS Inoperative or Out of Control [§63. 4720(a)(7)(ii)(E) or (F)]
CpmsOutageDescription	CpmsOutageStartDate	CpmsOutageStartTime
e.g.: Inoperative	e.g.: 3/6/2017	e.g.: 15:00

Ending Date CPMS Inoperative [§63. 4720(a)(7)(ii)(E) or (F)]	Ending Time CPMS Inoperative [§63. 4720(a)(7)(ii)(E) or (F)]	Duration CPMS Inoperative or Out of Control (hours) (Calculated from Date and Time) [§63. 4720(a)(7)(ii)(F)]
CpmsOutageEndDate	CpmsOutageEndTime	CpmsOutageDuration
e.g.: 3/9/2017	e.g.: 15:00	e.g.: 72.0

Cause of CPMS Being Inoperative or Out of Control [§63. 4720(a)(7)(ii)(M)] (Select from dropdown)	**Corrective Action Taken [§63. 8(c)(8)]**
CpmsOutageCause	CorrectiveAction
e.g.: Other known causes	e.g.: replaced thermocouple

Deviation Summary – Emission Rate With Add-On Controls Option

40 CFR Part 63, Subpart QQQQ Section 63.4720(a)(7)(ii)(H), (I), and (J)

Summary of Deviations

Facility:

Reporting period: 01/00/1900 - 01/00/1900

Coating Operation [§63.4720(a)] (Select from dropdown)	CPMS Description [§63. 4720(a)(7)(ii)(C)]	Total Source Operating Time (hours)
CoatingOperation	CpmsDescription	TotalOperatingTime
e.g.: Wet Coating Finishing Line	e.g.: Combustion Temperature	e.g.: 6240

Total Duration of CPMS Downtime (hours) [§63. 4720(a)(7)(ii)(J)]	Total Duration of CPMS Downtime as a per cent of Total Source Operating Time (percent) [§63. 4720(a)(7)(ii)(J)]
CpmsDowntimeDuration	CpmsDowntimePercent
e.g.: 72	e.g.: 1.2%

Deviation from Operating Limit or Bypass of Control Device Informa

40 CFR Part 63, Subpart QQQQ Section 63.4720(a)(7)(ii)

Deviation from Operating Limit or Bypass of Control Device Information

Facility:

Reporting period: 01/00/1900 - 01/00/1900

Coating Operation [§63.4720(a)] (Select from dropdown)	**Deviation from Operating Limit or Bypass of Control Device [§63.4720(a)(7)(ii)(G)] (Select from dropdown)**
CoatingOperation	DeviceDeviationBypass
e.g.: Wet Coating Finishing Line	e.g.: Combustion Temperature

tion – Emission Rate With Add-On Controls Option

Starting Date Deviation from Operating Limit or Bypass of Control Device [§63.4720(a)(7)(ii)(G)]	Starting Time Deviation from Operating Limit or Bypass of Control Device [§63.4720(a)(7)(ii)(G)]	Ending Date Deviation from Operating Limit or Bypass of Control Device [§63.4720(a)(7)(ii)(G)]	Ending Time Deviation from Operating Limit or Bypass of Control Device [§63.4720(a)(7)(ii)(G)]
DeviationStartDate	DeviationStartTime	DeviationEndDate	DeviationEndTime
e.g.: 3/2/2017	e.g.: 15:00	e.g.: 3/3/2017	e.g.: 15:00

Duration Deviation from Operating Limit or Bypass of Control Device (hours) (Calculated Value For Use in Total Deviation Calculations on Deviation-Summary Tab)	Cause of Deviation from Operating Limit or Bypass of Control Device [§63.4720(a)(7)(ii)(M)] (Select from dropdown)
DeviationDuration	DeviationCause
e.g.: 24	e.g.: Control Equipment Problems

Deviation from a Work Practice Standard I

40 CFR Part 63, Subpart QQQQ Section 63.4720(a)(7)(ii)(

Deviation from a Work Practice Standard Information

Facility:

Reporting period:

Work Practice Standard [§63.4720(a)(7)(ii)(L)]
WorkPracticeStandard
e.g.: Organic HAP and waste stored in closed containers

nformation – Emission Rate With Add-On Controls Option

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01/00/1900 - 01/00/1900

Description of Deviation [§63.4720(a)(7)(ii)(L)]	Starting Date of Work Practice Deviation [§63.4720(a)(7)(ii)(L)]	Starting Time of Deviation from Work Practice Standard [§63.4720(a)(7)(ii)(L)]
DeviationDescription	WPDeviationStartDate	WPDeviationStartTime
e.g.: Container left open	e.g.: 3/4/2017	e.g.: 15:30

Ending Date of Work Practice Deviation [§63.4720(a)(7)(ii)(L)]	Ending Time of Deviation from Work Practice Standard [§63.4720(a)(7)(ii)(L)]	Cause of Work Practice Deviation [§63.4720(a)(7)(ii)(M)] (Select from dropdown)
WPDeviationEndDate	WPDeviationEndTime	WPDeviationCause
e.g.: 3/5/2017	e.g.: 15:30	e.g.: Other known causes

Action(s) Taken to Minimize Emissions [§63.4720(a)(7)(ii)(L)]
ActionTaken
e.g.: replaced lid

Deviation Summary – Emission Rate With Add-On Controls Option

40 CFR Part 63, Subpart QQQQ Section 63.4720(a)(7)(ii)(H), (I), and (J)

Summary of Deviations

Facility:

Reporting period: 01/00/1900 - 01/00/1900

Coating Operation [§63.4720(a)] (Select from dropdown)	Deviation from Operating Limit or Bypass of Control Device [§63.4720(a)(7)(ii)(G)] (Select from dropdown)
CoatingOperation	DeviceDeviationBypass
e.g.: Wet Coating Finishing Line	e.g.: Combustion Temperature

Total Source Operating Time (hours)	Total Duration of Deviations from Operating Limits [§63. 4720(a)(7)(ii)(H)] (hours)	Total Duration of Bypass or Deviation from Operating Limit Specified as a per cent of Total Source Operating Time [§63. 4720(a)(7)(ii)(H)] (percent)
TotalOperatingTime	TotalDeviationDuration	TotalDeviationPercent
e.g.: 6240	e.g.: 120	e.g.: 1.9%

Total Duration of Bypass or Deviation from Operating Limit Specified Due to Control Equipment Problems [§63. 4720(a)(7)(ii)(I)] (hours)	Total Duration of Bypass or Deviation from Operating Limit Specified Due to Process Problems [§63. 4720(a)(7)(ii)(I)] (hours)	Total Duration of Bypass or Deviation from Operating Limit Specified Due to Other Known Causes [§63. 4720(a)(7)(ii)(I)] (hours)
EquipmentCausedDeviation	ProcessCausedDeviation	OtherCausedDeviation
e.g.: 24	e.g.: 72	e.g.: 24

Total Duration of Bypass or Deviation from Operating Limit Specified Due to Other Unknown Causes [§63. 4720(a)(7)(ii)(I)] (hours)
UnknownCausedDeviation
e.g.: 0

CPMS, Coating Operation, Emission Capture System, or Addon Control Device Change

A description of any changes in the CPMS, coating operation, emission capture system, or add-on control device since the la

Facility:

Reporting period: 01/00/1900 - 01/00/1900

Describe any changes in the CPMS, coating operation, emission capture system, or add-on control device which have occurr (K)]
PeriodChangeDesc

Certification Statements

Complete this form when you have completed the

Facility:

Reporting period:

Selecting Yes below certifies that "There were no deviations from emission limits during this reporting period." [§63.4720(a)(4)] **(Select from dropdown)**
No Emission Limit Deviation Statement
PeriodDeviationFlag

semiannual compliance report.

01/00/1900 - 01/00/1900

If the emissions rate with add-on controls option was used, selecting Yes below certifies that "There were no CPMS out-of-control periods during this reporting period." [per §63.8(c)(7)]. [§63.4120(f)] **(Select from Dropdown)**
No CPMS Out-of-Control Statement
CpmsControlFlag

Revision Number	Date
1.00	2/25/2019
1.01	7/21/2020
1.02	7/22/2020
2.00	10/15/2020
ICR Draft 2.01	6/13/2022

Revisions
Initial Release Version
Fixed Reporting Period date display on multiple tabs, Added Revisions tab, and displayed header rows on Welcome tab to diplay report version number and date
Corrected version number to remove a "." which was causing an error in CEDRI
Updated CBI language and the instructions for the Certification tab on Welcome tab, added hidden blank column A to all data entry tabs, added Worksheet Map tab, enabled filtering within data tables, fixed autorow height and text wrapping on Emiss_rate_w_controls_Changes, removed certification statement from Semiannual_Certification the statement is included in the certification process within CEDRI, edited the certifying statements to make them clearer and added a Not Applicable option to the CPMS statement, and changed the tab name to Certification, made all XML tags visible, corrected example row formatting
Added PRA Information to Welcome tab; added "e.g.:" to blank example rows on Compliance_Options; updated cell orientation for headers to bottom align and data entry to top align; Update formatting on Emiss_rate_w_controls_Change to look more like a table, Edited header statements on Certification to clearly reflect what selecting Yes means and clarify the Not Applicable answer.