

Template Name
CitationID
Template Version
Last Updated Date

OMB No.: 2060-0538
<https://www.epa.gov>

DO NOT REMOVE OR EDIT INFORMATION IN ROWS 1 THROUGH 5
FOR INTERNAL USE ONLY

63.9641(b) Semiannual Compliance Reports (Spreadsheet Template)

63.9641(b)

v1.00

7/30/2020

Form 5900-576 For further Paperwork Reduction Act information see:
[/electronic-reporting-air-emissions/paperwork-reduction-act-pra-cedri-and-ert](#)

**40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Pollutants
§63.9641(b) Semiannual Compliance Report Spreadsheet Template**

Instructions for Spreadsheet Template

Purpose:

This spreadsheet template was designed by the U.S. EPA to facilitate compliance reporting for facilities subject under the 40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Pollutants for Taconite Iron Ore Processing.

Electronic reporting:

Electronic submission of Compliance Reports through the EPA's Compliance and Emissions Data Reporting Interface (CEDRI) is required. CEDRI is the EPA's Central Data Exchange (<https://cdx.epa.gov>).

Do not submit confidential business information (CBI) to EPA via CEDRI. EPA will make all the information submitted through CEDRI available to the public. Anything submitted using CEDRI cannot later be claimed to be CBI. Furthermore, under CAA section 114(c) emissions data must be made 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 with the CBI claim, including any information claimed to be CBI, to EPA on a compact disc, flash drive, or other commonly used electronic storage device. Do not submit digital storage media as CBI and then identify electronically within the digital storage media the specific information that is claimed to be CBI.

U.S. EPA/OAQPS/SPPD/CORE CBI Office
Attention: Taconite Iron Ore Processing Sector Lead, MD C404-02
4930 Old Page Rd
Durham, North Carolina 27703



The CEDRI spreadsheet template upload feature allows you to submit data in a single report for a single facility or multiple facilities. Each facility must be entered into the worksheet labeled "Company Information" in this Excel workbook. Each row in the "Company Information" worksheet represents a facility. The Company Record No. will be used to match the information on each tab to the appropriate facility.

IMPORTANT: The final CEDRI upload file must be a single ZIP file, which must include this Excel workbook and any related data files found in the "Company Information" worksheet).

For each facility record found in the "Company Information" worksheet, you may reference a single file attachment that includes 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 to the master ZIP file that will be uploaded into CEDRI.

For example, the file "Jan-June2019-Report.zip" uploaded into CEDRI may contain 2 files:

1. Completed_semiannual_reporting_spreadsheet_Jan-June2019.xlsx
2. Attachments.zip

The "Attachments.zip" file could contain as many attachments of any format (xlsx, xls, docx, pdf, zip, etc.) as needed. If you only have one file to attach, you do not need to zip it unless it is an Excel file (.xlsx, .xls).

Template Navigation and Tabs to Complete:

Gray Tab: The gray tab (Company_Information) contains general information, most of which is likely to be unchanged from reports and should be saved as a site-specific template for use in subsequent reports to limit subsequent data entry.

Green Tabs: Green tabs (CMS_Identification, CMS_Downtime, Deviation_CMS, CMS_Downtime_Summary, and CMS_Deviation) are used to document a continuous monitoring system for compliance. Some cells are linked to previous tabs or are calculations dependent upon data entered into the workbook.

Blue Tab: The blue tab (Deviation_Limits_Non_CMS) is to be completed for deviations that occur where there is no continuous monitoring.

Yellow Tab: The yellow tab (Negative Declarations) contain statements that apply to all facilities, regardless of whether a continuous monitoring system is required.

Within the tabs, example rows are colored light orange (rows 14 through 23), and the XML tag row (row 13) is colored green.

40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Polluta
§63.9641(b) Semiannual Compliance Report Spreadsheet Template

* Required Field

<div>Company Record No. * (Field value will automatically generate if a value is not entered.)</div>	<div>Company Name * (\$63.9641(b)(1), §63.10(e)(3)(vi)(A))</div>	<div>Address * (\$63.9641(b)(1), §63.10(e)(3)(vi)(A))</div>
RecordId	CompanyName	AddressLine1
e.g.: 1	e.g.: ABC Company	e.g.: 123 Main Street

ints: Taconite Iron Ore Processing

SITE INFORMATION			
Address 2	City * (\$63.9641(b)(1), \$63.10(e)(3)(vi)(A))	County * (\$63.9641(b)(1), \$63.10(e)(3)(vi)(A))	State Abbreviation * (\$63.9641(b)(1), \$63.10(e)(3)(vi)(A)) (Select from dropdown)
AddressLine2	CityName	CountyName	StateName
e.g.: Suite 100	e.g.: Brooklyn	e.g.: Kings	e.g.: NY

		REPORTING PERIOD	
Zip Code * (\$63.9641(b)(1), §63.10(e)(3)(vi)(A))	Responsible Agency Facility ID (State Facility Identifier)	Beginning Date of Reporting Period * (\$63.9641(b)(3), §63.10(e)(3)(vi)(C))	Ending Date of Reporting Period * (\$63.9641(b)(3), §63.10(e)(3)(vi)(C))
ZIPCode	StateFacID	PeriodStartDate	PeriodEndDate
e.g.: 11221	e.g.: 9145555555	e.g.: 01/01/20	e.g.: 6/30/20

ADDITIONAL INFORMATION

Please enter any additional information.

Enter associated file name reference.

AddInfo

AddFile

e.g.: addlinfo.zip

40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Pollutants: Taconit
§63.9641(b) Semiannual Compliance Report Spreadsheet Template

Note: Company Record No. selections appear once Company(s) are added to Company_Information

* Required Field

Company Record No. * (Select from dropdown)	Process Unit Description * (\$63.9641(b)(8)(viii), §63.10(e)(3)(vi)(D))	Monitoring Equipment Manufacturer * (\$63.9641(b)(8)(ix), §63.10(e)(3)(vi)(F))
RecordId	ProcessUnitDesc	EquipmentMfr
e.g.: 1	e.g.: Indurating Furnace No. 1	e.g.: ThermoCo

e Iron Ore Processing

worksheet. For a COMS, please ensure that only the word opacity is listed in Column G. This

Monitoring Equipment Model Number * (\$63.9641(b)(8)(ix), \$63.10(e)(3)(vi)(F))	Identification of Pollutant or Parameter Monitored * (\$63.9641(b)(8)(ix), \$63.10(e)(3) (vi)(B))	Emission/Operating Parameter Limit * (\$63.10(e)(3)(vi)(E))
EquipmentModelNo	CMSPParameter	ParameterLimit
e.g.: AB200	e.g.: Stack outlet temperature	e.g.: 250 F

s will affect calculations in other worksheets, where opacity duration is listed in minutes instead of hours.

<div>Date of Last CMS Certification or Audit * (\$63.9641(b)(8)(x), \$63.10(e)(3)(vi)(G))</div>	<div>Description of any changes to CMS, processes, or controls since the last reporting period * (\$63.9641(b)(8)(xi), \$63.10(e)(3)(vi)(K))</div>
CMSAuditDate	CMSChangesDesc
e.g.: 02/1/20	e.g.: Thermocouple replaced with same make/model of old thermocouple.

Were there excess emissions or exceedances of this pollutant/parameter? *
(\$63.10(e)(3)(v))
(Select from dropdown)

Has the CMS been inoperative, out of control, repaired, or adjusted during the reporting period? *
(\$63.10(e)(3)(v))
(Select from dropdown)

ExcessFlag

e.g.: Yes

Outage Flag

e.g.: Yes

40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Pollutants: Tacon
§63.9641(b) Semiannual Compliance Report Spreadsheet Template

Note: Company Record No. selections appear once Company(s) are added to Company_ Informatio

* Required Field

Company Record No. * (Select from dropdown)	Continuous Monitoring System * (\$63.9641(b)(8)(ix), §63.10(e)(3)(vi)(F)) (Select from dropdown)
RecordId	CMSDescription
e.g.: 1	e.g.: Indurating Furnace 1 ThermoCo AB200 Stack outlet temperature

ite Iron Ore Processing

n worksheet. Company Monitoring System selections appear once information is added to the CMS_Identifica

CMS Inoperative or Out of Control? * (\$63.9641(b)(8)(ii) or (iii), \$63.10(e)(3)(v), \$63.10(c)(5), \$63.10(c)(6)) (Select from dropdown)	Starting Date * (\$63.9641(b)(8)(ii) or (iii), \$63.10(e)(3)(v), \$63.10(c)(5), \$63.10(c) (6))	Starting Time * (\$63.9641(b)(8)(ii) or (iii), \$63.10(e)(3)(v), \$63.10(c)(5), \$63.10(c) (6))	Duration CMS Inoperative or Out of Control * (minutes for opacity, hours for others) (\$63.9641(b)(8)(ii) or (iii), \$63.10(e)(3)(v), \$63.10(c)(5), \$63.10(c)(6))
CMSOutageDescription	CMSOutageStartDate	CMSOutageStartTime	CMSOutageDuration
e.g. Inoperative	e.g.: 03/2/20	e.g.: 1:52 PM	e.g.: 72.0

tion worksheet.

Cause * (\$63.10(e)(3)(vi)(J)) (Select from dropdown)
CMSOutageCause
e.g.: Monitoring equipment malfunction

Corrective Action Taken or Preventative Measures Adopted *
(§63.9641(b)(8)(iii), §63.8(c)(8), §63.10(e)(3)(v), §63.10(c)(11))

CorrectivePreventative

e.g.: replaced thermocouple

Nature of Repairs or Adjustments *
(\$63.10(e)(3)(v), §63.10(c)(12))

CMSAdjustment

e.g.: replaced thermocouple

40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Pollutants: Tac §63.9641(b) Semiannual Compliance Report Spreadsheet Template

Note: Company Record No. selections appear once Company(s) are added to Company_Informa

* Required Field

Company Record No. * (Select from dropdown)	Continuous Monitoring System * (\$63.9641(b)(8)(ix), §63.10(e)(3)(vi)(F)) (Select from dropdown)
RecordId	CMSDescription
e.g.: 1	e.g.: Indurating Furnace No. 1 FlowCo AD123 ESP secondary voltage

onite Iron Ore Processing

tion worksheet. Company Monitoring System selections appear once information is added

Did the deviation occur during a period of malfunction? * (\$63.9641(b)(8)(i), §63.9641(b)(8)(iv)) (Select from dropdown)	Starting Date of Malfunction/Deviation * (\$63.9641(b)(8)(i), §63.9641(b)(8)(iv), §63.10(e)(3)(v), §63.10(c)(8))	Starting Time of Malfunction/Deviation * (\$63.9641(b)(8)(i), §63.9641(b)(8)(iv), §63.10(e)(3)(v), §63.10(c)(8))
MalfunctionFlag	ParameterExcessStartDate	ParameterExcessStartTime
e.g. No	e.g.: 02/12/20	e.g.: 1:00 PM

ed to the CMS_ Identification worksheet. Column J will be calculated from the inform

Ending Date of Malfunction/Deviation * (\$63.9641(b)(8)(i), \$63.9641(b)(8)(iv), \$63.10(e)(3)(v), \$63.10(c) (8))	Ending Time of Malfunction/Deviation * (\$63.9641(b)(8)(i), \$63.9641(b)(8)(iv), \$63.10(e)(3)(v), \$63.10(c) (8))	Duration of Deviation (minutes for opacity, hours for others) (Calculated value)
ParameterExcessEndDate	ParameterExcessEndTime	ParameterExcessDuration
e.g.: 02/13/20	e.g.: 8:00 AM	e.g.: 19

ation in Columns F through I.

Cause of Malfunction/Deviation * (\$63.9641(b)(8)(iv), \$63.10(e)(3)(v), \$63.10(c)(10))	Type of Deviation * (\$63.10(e)(3)(v), \$63.9641(b)(8)(vi)) (Select from dropdown)
ExceedanceCause	DeviationType
e.g.: Valve controlling water flow failed, causing a loss of water to the ESP.	e.g.: Control Equipment Problems

Corrective Action Taken or Preventative Measures Adopted *
(\$63.10(e)(3)(v), §63.10(c)(11))

CorrectiveAction

e.g.: Stopped process, replaced valving.

40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Pollutants: Tacon
§63.9641(b) Semiannual Compliance Report Spreadsheet Template

Note: All columns, except Column E, will autofill based on information provided in previous works!

* Required Field

Company Record No. * (Autofilled)	Continuous Monitoring System * (\$63.9641(b)(8)(ix), \$63.10(e)(3)(vi)(F)) (Autofilled)
RecordId	CMSDescription
e.g.: 1	e.g.: Indurating Furnace 1 ThermoCo AB200 Stack outlet temperature

Finite Iron Ore Processing

heets and in Column E.

Total Source Operating Time * (hours) (\$63.9641(b)(8)(vii), \$63.10(e)(3)(v), \$63.10(c)(13), \$63.10(e)(3)(vi)(H))	Total Duration of CMS Downtime * (minutes for opacity, hours for others) (\$63.9641(b)(8)(vii), \$63.10(e)(3)(vi)(J)) (Calculated value)	Total Duration of CMS Downtime as a Percent of Total Operating Time * (\$63.9641(b)(8)(vii), \$63.10(e)(3)(vi)(J)) (Calculated value)	Total Duration of CMS Downtime Due to Monitoring Equipment Malfunctions * (minutes for opacity, hours for others) (\$63.10(e)(3)(vi)(J)) (Calculated value)
TotalOperatingTime	CMSDowntimeDuration	CMSDowntimePercent	CMSDowntimeMonitoring
e.g.: 4300	e.g.: 72	e.g.: 1.67%	e.g.: 72

Total Duration of CMS Downtime Due to Nonmonitoring Equipment Malfunctions * (minutes for opacity, hours for others) (\$63.10(e)(3)(vi)(J)) (Calculated value)	Total Duration of CMS Downtime Due to Quality Assurance/Quality Control Calibrations * (minutes for opacity, hours for others) (\$63.10(e)(3)(vi)(J)) (Calculated value)	Total Duration of CMS Downtime Due to Other Known Causes * (minutes for opacity, hours for others) (\$63.10(e)(3)(vi)(J)) (Calculated value)	Total Duration of CMS Downtime Due to Other Unknown Causes * (minutes for opacity, hours for others) (\$63.10(e)(3)(vi)(J)) (Calculated value)
CMSDowntimeNonmonitoring	CMSDowntimeQuality	CMSDowntimeOtherKnow	CMSDowntimeUnknown
e.g.: 0	e.g.: 0	e.g.: 0	e.g.: 0

**40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Pollutants: Tacon
§63.9641(b) Semiannual Compliance Report Spreadsheet Template**

Note: All columns will autofill based on information provided in previous worksheets.

* Required Field

Company Record No. * (Autofilled)	Continuous Monitoring System * (\$63.9641(b)(8)(ix), \$63.10(e)(3)(vi)(F)) (Autofilled)
RecordId	CMSDescription
e.g.: 1	e.g.: Indurating Furnace 1 ThermoCo AB200 Stack outlet temperature

ite Iron Ore Processing

Total Source Operating Time * (hours) (\$63.9641(b)(8)(v), §63.10(e)(3)(v), §63.10(c)(13), §63.10(e)(3)(vi)(H)) (Autofilled)	Total Duration of Deviations * (minutes for opacity, hours for others) (\$63.9641(b)(8)(v), §63.10(e)(3)(vi)(I)) (Calculated value)	Total Duration of Deviations as a Percent of Total Operating Time * (\$63.9641(b)(8)(v), §63.10(e)(3)(vi)(I)) (Calculated value)	Total Duration of Deviations Due to Control Equipment Problems * (minutes for opacity, hours for others) (\$63.9641(b)(8)(vi), §63.10(e) (3)(vi)(I)) (Calculated value)
TotalOperatingTime	EmissionsDeviationDurat	EmissionsDeviationPer	EmissionsDeviationEquipment
e.g.: 4300	e.g.: 40	e.g.: 0.93%	e.g.: 19

Total Duration of Deviations Due to Process Problems * (minutes for opacity, hours for others) (\$63.9641(b)(8)(vi), \$63.10(e)(3)(vi)(I)) (Calculated value)	Total Duration of Deviations Due to Other Known Causes * (minutes for opacity, hours for others) (\$63.9641(b)(8)(vi), \$63.10(e)(3)(vi)(I)) (Calculated value)	Total Duration of Deviations Due to Other Unknown Causes * (minutes for opacity, hours for others) (\$63.9641(b)(8)(vi), \$63.10(e)(3)(vi)(I)) (Calculated value)
EmissionsDeviationProce	EmissionsDeviationOther	EmissionsDeviationUnknow
e.g.: 3	e.g.: 0	e.g.: 0

40 CFR Part 63, Subpart RRRRR National Emission Standards for Hazardous Air Pollutants: Taconi
§63.9641(b) Semiannual Compliance Report Spreadsheet Template

Note: Company Record No. selections appear once Company(s) are added to Company_ Information

* Required Field

Company Record No. * (Select from dropdown)	Affected Sources or Equipment * (\$63.9641(b)(7)(ii))	Total Source Operating Time * (hours) (\$63.9641(b)(7)(i))
RecordId	AffectedSource	SourceOperatingTime
e.g.: 1	e.g.: West Stockpile	e.g.: 4300

ite Iron Ore Processing

n worksheet.

Emission Limit Deviated From * (\$63.9641(b)(7)(ii))	Starting Date of Deviation * (\$63.9641(b)(7)(ii))	Starting Time of Deviation * (\$63.9641(b)(7)(ii))
LimitDeviation	DeviationStartDate	DeviationStartTime
e.g.: Operate in accordance with fugitive dust emissions control plan	e.g.: 02/12/17	e.g.: 1:00 PM

Duration of Deviation * (hours) (\$63.9641(b)(7)(ii))	Cause of Deviation * (\$63.9641(b)(7)(ii))
DeviationDuration	DeviationCause
e.g.: 19	e.g.: Water truck failed, and we were unable to keep piles wet.

Corrective Action Taken * (§63.9641(b)(7)(ii))	Regulated Pollutant Emitted Above Limit * (§63.9641(b)(7)(ii))
ActionTaken	DeviationPollutant
e.g.: Fixed water truck engine. Revised plan to ensure more preventative maintenance is performed on water truck.	e.g.: Particulate Matter

Estimate of Emissions * (pounds) (§63.9641(b)(7)(ii))	Method Used to Estimate Emissions * (§63.9641(b)(7)(ii))
EmissionQuantity	EstimationMethod
e.g.: 0.1	e.g.: Emissions factors for dust piles as used in our permit, minus subtraction for wetting.

40 CFR Part 63, Subpart
§63.9641(b) Semia

Note: Company Record

* Required Field

Company Record No. * (Autofilled)
RecordId
e.g.: 1

Part RRRRR National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing Annual Compliance Report Spreadsheet Template

Record No. will autofill as they are added to Company_Information worksheet.

Did deviations occur during this reporting period? * (\$63.9641(b)(5)) (Select from Dropdown)
PeriodDeviationFlag
e.g.: There were no deviations from the emission limitations; work practice standards; or operation and maintenance requirements during the reporting period.

Missing

Were there periods during which a continuous monitoring system was out-of-control? *
(\$63.9641(b)(6))
(Select from Dropdown)

CMSOutOfControlFlag

e.g.: There were no periods during which a continuous monitoring system was out-of-control during the reporting period.

[illegible]

[illegible]