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<https://www.epa.gov>



**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**

**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. For more information, see the CEDRI 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 will 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 information on a compact disc, flash drive, or other commonly used electronic storage device. You must 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 information 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 can 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 for facilities with 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 system.*

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

*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

Company Record No. * (Field value will automatically generate if a value is not entered.)	Company Name * (§63.9641(b)(1), §63.10(e)(3)(vi)(A))	Address * (§63.9641(b)(1), §63.10(e)(3)(vi)(A))
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

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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	CMSParameter	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.

Date of Last CMS Certification or Audit <small>*</small> (§63.9641(b)(8)(x), §63.10(e)(3)(vi)(G))	Description of any changes to CMS, processes, or controls since the last reporting period <small>*</small> (§63.9641(b)(8)(xi), §63.10(e)(3)(vi)(K))
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

Outage Flag

e.g.: Yes

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

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*n worksheet. Company Monitoring System selections appear once information is added to the CMS\_Identifica*

<p>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)</p>	<p>Starting Date *                  (§63.9641(b)(8)(ii) or (iii), §63.10(e)(3)(v), §63.10(c)(5), §63.10(c)(6))</p>	<p>Starting Time *                  (§63.9641(b)(8)(ii) or (iii), §63.10(e)(3)(v), §63.10(c)(5), §63.10(c)(6))</p>	<p>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))</p>
<p>CMSOutageDescription</p>	<p>CMSOutageStartDate</p>	<p>CMSOutageStartTime</p>	<p>CMSOutageDuration</p>
<p>e.g. Inoperative</p>	<p>e.g.: 03/2/20</p>	<p>e.g.: 1:52 PM</p>	<p>e.g.: 72.0</p>

tion worksheet.

Cause \*  
(\$63.10(e)(3)(vi)(J))  
(Select from dropdown)

CMSEmergencyCause

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

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*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

























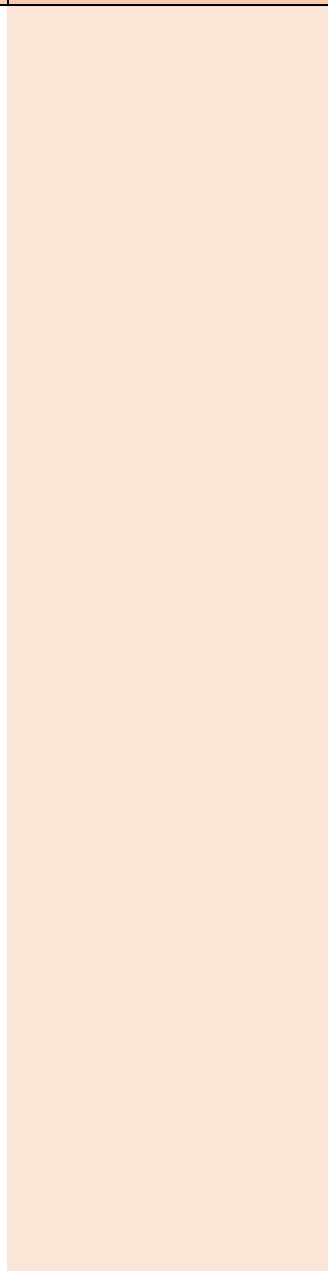
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tion worksheet. Company Monitoring System selections appear once information is added

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)) ( <a href="#">Select from dropdown</a> )
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.













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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



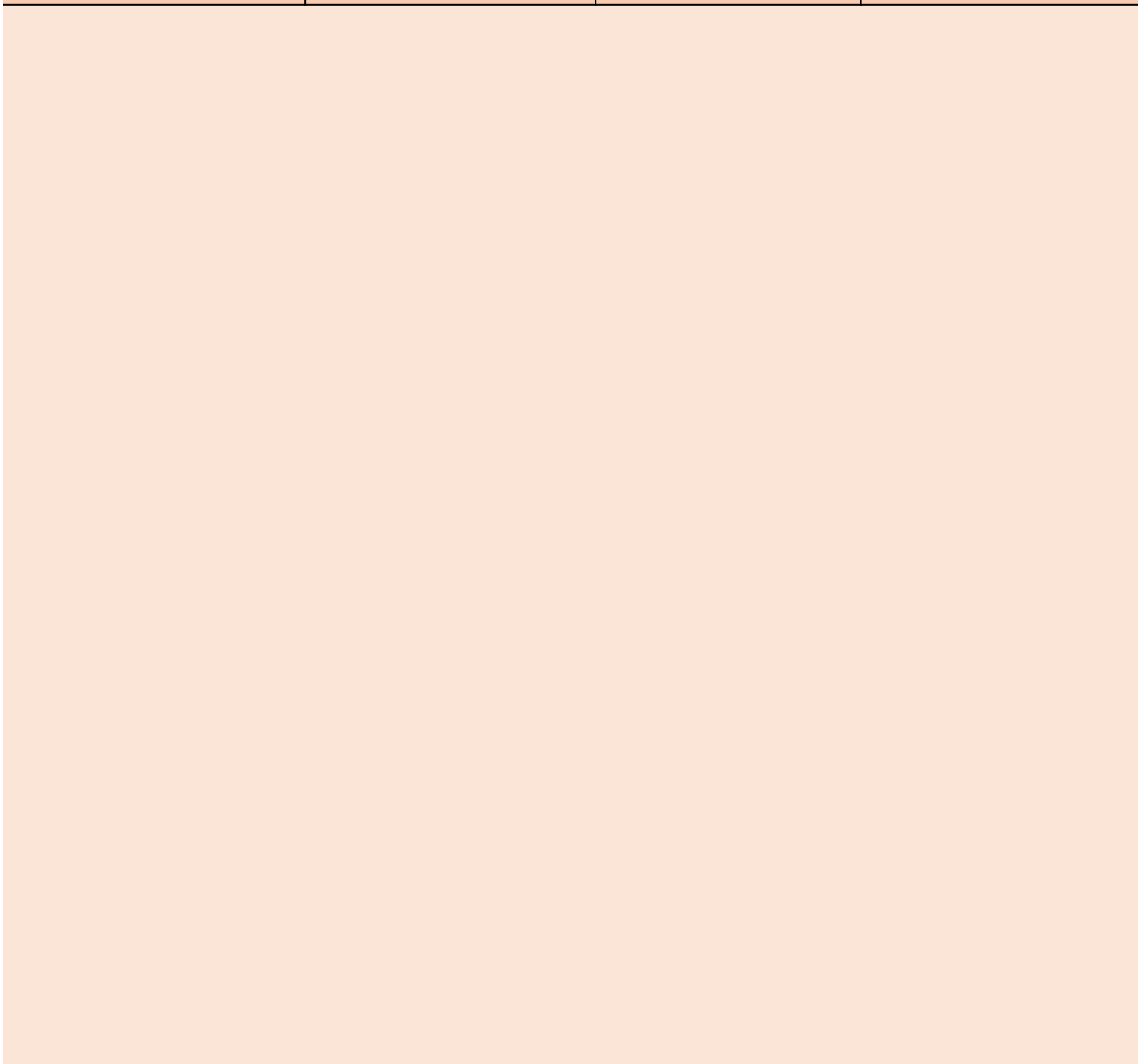








<p>Total Duration of CMS Downtime Due to Nonmonitoring Equipment Malfunctions *</p> <p>(minutes for opacity, hours for others)</p> <p>(\$63.10(e)(3)(vi)(J))</p> <p>(Calculated value)</p>	<p>Total Duration of CMS Downtime Due to Quality Assurance/Quality Control Calibrations *</p> <p>(minutes for opacity, hours for others)</p> <p>(\$63.10(e)(3)(vi)(J))</p> <p>(Calculated value)</p>	<p>Total Duration of CMS Downtime Due to Other Known Causes *</p> <p>(minutes for opacity, hours for others)</p> <p>(\$63.10(e)(3)(vi)(J))</p> <p>(Calculated value)</p>	<p>Total Duration of CMS Downtime Due to Other Unknown Causes *</p> <p>(minutes for opacity, hours for others)</p> <p>(\$63.10(e)(3)(vi)(J))</p> <p>(Calculated value)</p>
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)
<b>RecordId</b>	<b>CMSDescription</b>
e.g.: 1	e.g.: Indurating Furnace 1 ThermoCo AB200 Stack outlet temperature
Empty area for data entry	











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

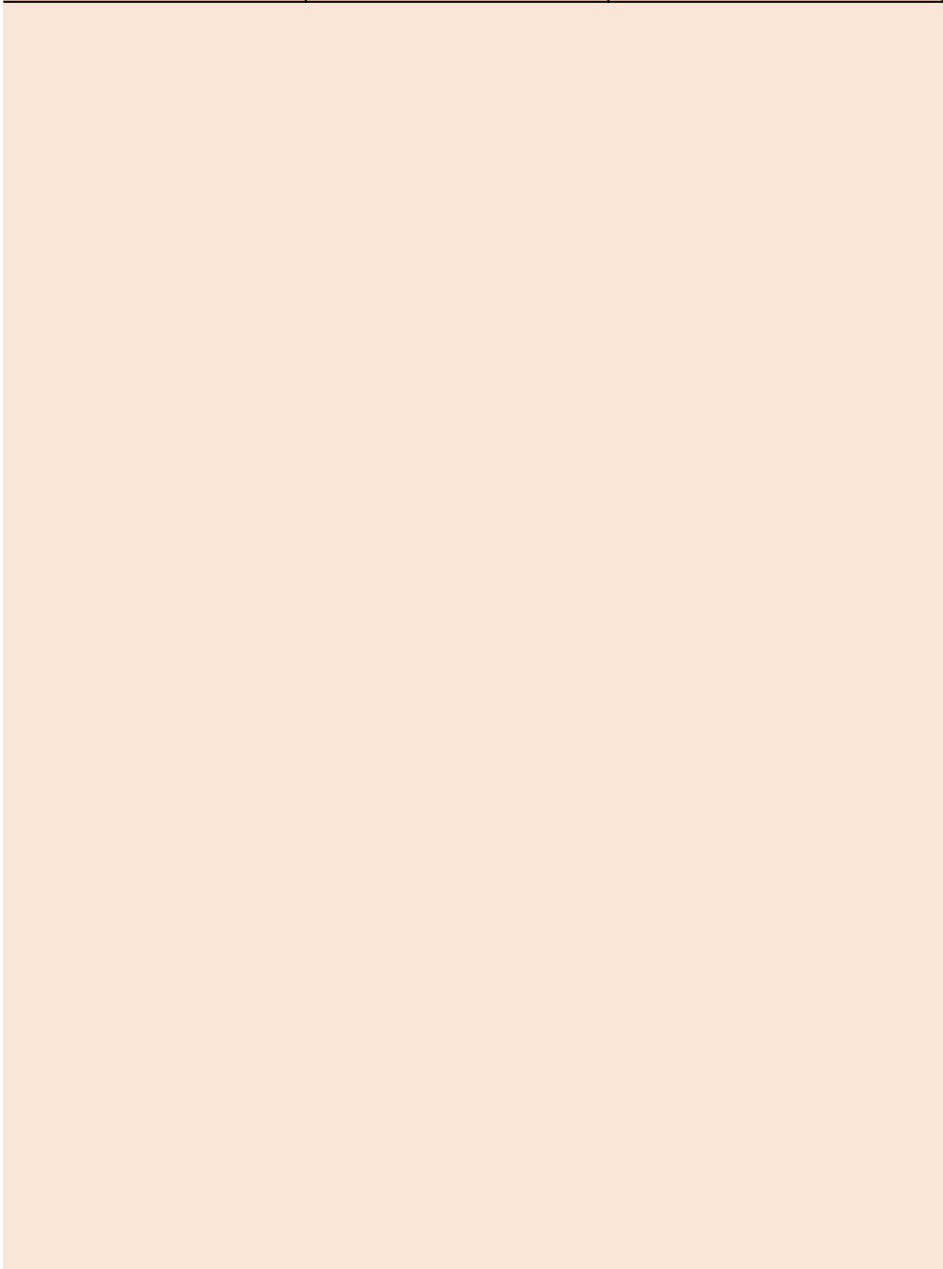








Total Duration of Deviations Due to Process Problems * (minutes for opacity, hours for others) (§63.9641(b)(8)(vi), §63.10(e)(3)(vi)(I)) (Calculated value)	Total Duration of Deviations Due to Other Known Causes * (minutes for opacity, hours for others) (§63.9641(b)(8)(vi), §63.10(e)(3)(vi)(I)) (Calculated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

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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

<b>Company Record No. *</b> <b>(Autofilled)</b>
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RecordId
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e.g.: 1
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**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.

<b>Did deviations occur during this reporting period? *</b> <b>(§63.9641(b)(5))</b> <b>(Select from Dropdown)</b>
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.



Description
Finalized Release Version