

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : GREDE LLC - IRON MOUNTAIN	SRN : B1577
Location : 801 S CARPENTER AVE	District : Marquette
	County : DICKINSON
City : KINGSFORD State: MI Zip Code : 49802	Compliance Status : Compliance
Source Class : MAJOR	Staff : Michael Conklin
FCE Begin Date : 8/2/2021	FCE Completion Date : 9/9/2022
Comments : Full compliance evaluation for 8/2/2021 through 8/2/2022. Facility is in compliance.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/02/2022	On-site Inspection	Compliance	Targeted inspection for FY 22.
05/18/2022	ROP Other	Compliance	1st Half Semi-Annual Opacity Testing from 10/21/22 to 4/7/22. All results were under 20% opacity.
05/16/2022	ROP Other	Compliance	supplemental Control Template - FY2021 (1-1-21 to 12-31-21)
05/16/2022	MAERS	Compliance	All required emission units reported with correct SCC. Supplemental information provided for stack test emission factors. 99% control applied for PM10 emissions controlled by a baghouse.
03/23/2022	ROP Annual Cert	Compliance	Deviations were reviewed in the semiannual reports.
03/23/2022	ROP SEMI 2 CERT	Compliance	3 deviations reported for cupola cap opening events. Events were less than 10 minutes reported. Corrective actions were reported. 2 deviations for leaks detected around blower fan and cupola cap. Corrective actions were reported. Visible emission event reported from finishing baghouse on 09/24/21. 3 filter bags were found to have holes. Bags were replaced.

Activity Date	Activity Type	Compliance Status	Comments
03/23/2022	CAM Excursions/Exceedances	Compliance	CAM Excursion/Exceedance Report 07/01/2021 to 12/31/21. Exceedances reported for the cupola and Main Plant Finishing baghouse. Corrective actions were listed.
03/23/2022	CAM monitor downtime	Compliance	CAM Monitor Downtime Report from 1/1/21 to 12/31/21. No monitor downtimes reported.
03/21/2022	ROP Other	Compliance	30 day notice of 1st half semi-annual opacity testing from Oct 12, 2021 to April 6, 2022
02/24/2022	Stack Test	Compliance	Cupola performance test for PM10. Average emission rate of 1.06 lb/hr.
12/21/2021	Stack Test Observation	Compliance	PM10 testing on the cupola
10/21/2021	ROP Other	Compliance	Semi-Annual Opacity Testing as required by ROP and Foundry MACT EEEEE from 4/2021 to 10/2021. Results show the average opacity of cupola building to be 5.0% opacity. the East side and South side of the facility opacity results were 0%.
10/12/2021	Visible Emissions Evaluation	Compliance	Semiannual VE testing on EU-P009 Cupola and facility-wide under FGMACT-EEEE.
09/28/2021	Complaint Investigation	Non Compliance	Complaint investigation regarding fallout attributed to Grede's operations.
09/21/2021	ROP Other	Compliance	30 Day notice of 2nd half semi-annual opacity testing from 4/21/21 to 10-12-21
09/21/2021	ROP Semi 1 Cert	Compliance	Semi-Annual Report Certification from 1/1/21 to 6/30/21
09/21/2021	CAM Excursions/Exceedances	Compliance	CAM Excursion / Exceedance Report from 1/1/21 to 6/30/21
09/21/2021	CAM monitor downtime	Compliance	CAM Monitoring Downtime Report from 1/1/21 to 6/30/21
09/21/2021	MACT (Part 63)	Compliance	MACT EEEEE- The facility was in compliance with all emission limitations, work practice standards, and O & M requirements during the report period from 1/1/21 to 6/30/21

Name: *Michael Kaplan*

Date: 09-09-2022

Supervisor: *Michael Kaplan*