

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> GREDE LLC - IRON MOUNTAIN	<b>SRN :</b> B1577
<b>Location :</b> 801 S CARPENTER AVE	<b>District :</b> Marquette
	<b>County :</b> DICKINSON
<b>City :</b> KINGSFORD <b>State:</b> MI <b>Zip Code :</b> 49802 <b>Compliance Status :</b>	Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Michael Conklin
<b>FCE Begin Date :</b> 6/10/2023	<b>FCE Completion Date :</b> 6/10/2024
<b>Comments :</b> FCE completed for the period 6/10/23 through 6/10/24. Facility is in compliance with MI-ROP-B1577-2020, PTI No. 28-22, and AQD No. 2021-01.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
06/10/2024	On-site Inspection	Compliance	Targeted inspection for FY 24.
04/30/2024	ROP Other	Compliance	1st half semi-annual opacity testing 10-18-23 to 4-15-24. Facility is in compliance with opacity limits.
04/01/2024	ROP Other	Compliance	MACT EEEEE - The facility was in compliance with all the emission limitations, work practice standards, and O&M requirements during the reporting period with the exceptions of the deviations reported in the attached CAM Excursion table for the Cupola P009 7-1-23 to 12-31-23
04/01/2024	ROP Other	Compliance	30 Day Notice 1st half semi-annual Opacity Testing 10-18-23 to 4-15-24
03/22/2024	ROP Annual Cert	Compliance	Annual Compliance Certification from 1-1-23 to 12-31-23. 5 deviations reported. Longest event was 3 hours relating to a leaking pulse valve in the steelcraft baghouse.
03/22/2024	ROP SEMI 2 CERT	Compliance	Semi-Annual Report Certification from 7/1/23 to 12/31/23. 2 deviations reported. Longest event was 30 minutes. Deviations were related to saw emissions by baghouse blower and baghouse differential pressure.

Activity Date	Activity Type	Compliance Status	Comments
03/22/2024	CAM Excursions/Exceedances	Compliance	CAM Excursions/Exceedance Report from 7/1/23 to 12/31/23. 5 excursion/exceedance events reported. 4 events relating to differential pressure amperage - longest event was 3 hours. 1 event relating to EU-P009 emissions due to a tear in an expansion joint. Event was 15 minutes.
03/22/2024	CAM monitor downtime	Compliance	CAM Monitoring Downtime Report 7/1/23 to 12/31/23. No monitor downtime reported.
02/01/2024	MACT (Part 63)	Compliance	MACT EEEEE Stack Test Report from 12/12/23 to 12/15/23. EU-P009 Cupola passed for VOHAP, PM, and Opacity. EU-P016 Main Plant Pouring & Cooling passed for PM and Opacity.
12/13/2023	Stack Test Observation	Compliance	Stack test observation of main plant and module pouring stacks for PM testing to determine compliance with MACT EEEEE. All three pouring lines were operating as required.
12/12/2023	Stack Test Observation		MACT EEEEE Testing on Mold Line 3 (DISA)
10/26/2023	ROP Other	Compliance	2nd half semi-annual Opacity Testing from 4/10/23 to 10/18/23. Facility is in compliance with opacity limits.
10/18/2023	Visible Emissions Evaluation	Compliance	Semiannual VE testing
09/21/2023	ROP Other	Compliance	30 day notice 2nd half semi-annual Opacity Testing scheduled for 10/18/23.
09/21/2023	ROP Semi 1 Cert	Compliance	Semi-Annual Report Certification from 1/1/23 to 6/30/23. Three deviations reported for the semiannual period from EU-P014. Description of malfunction on the baghouses and corrective actions were provided in the report.
09/21/2023	CAM Excursions/Exceedances	Compliance	CAM Excursion/Exceedance Report from 1/1/23 to 6/30/23. Differential pressure and amperages out of range on EU-P014 on 3 dates in the reporting period. Reasons and corrective actions provided in the semiannual report.

Activity Date	Activity Type	Compliance Status	Comments
09/21/2023	CAM monitor downtime	Compliance	CAM Monitor Downtime Report from 1/1/23 to 6/30/23. There were no monitor downtimes during this reporting period.
09/21/2023	MACT (Part 63)	Compliance	MACT EEEEE semiannual certification of compliance. The facility had no deviations from the operating requirements and no monitor downtimes.

Name: Michael Kaplan

Date: 7-31-2024

Supervisor: Michael Kaplan