

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : Martin Marietta Magnesia Specialties, LLC	SRN : A3900
Location : 1800 Eastlake Rd.	District : Cadillac
	County : MANISTEE
City : MANISTEE State: MI Zip Code : 49660	Compliance Status : Compliance
Source Class : MAJOR	Staff : Lindsey Wells
FCE Begin Date : 10/26/2022	FCE Completion Date : 11/27/2023
Comments : FY24 Scheduled FCE, -LW;	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
11/27/2023	Other	Compliance	Records review for FY24 compliance evaluation; see also 10/26/2023 on-site inspection report -LW;
11/07/2023	Excess Emissions (CEM)	Compliance	2023 Third Quarter EER. Excess emissions and monitor downtime less than 1% for both sources. Low source operating time for both units. #2 PPT B section failure noted for 8/16/23, expect further review in CAM Semi2 submission. Report timely and certified.
10/26/2023	On-site Inspection	Compliance	on-site inspection for FY24. Records review will be addressed in a separate report. -LW;
10/20/2023	ROP Other	Compliance	Testing - Emissions Test Protocol - Submitted Via TPU Online Portal; 5-year PM testing on RK3 process parameters to be recorded: Production rate (tph), Voltage and spark rate of each ESP field - lwells;
10/05/2023	Excess Emissions (CEM)	Compliance	2023 Second Quarter EER. EEs and MSD less than 1% for both sources. Low SOT for Unit 2.
10/05/2023	CAM Excursions/Exceedances	Compliance	Multiple reports in one document. No excursions or exceedances noted.
10/05/2023	CAM monitor downtime	Compliance	Multiple reports in one document. No MSD noted.

Activity Date	Activity Type	Compliance Status	Comments
09/25/2023	ROP Semi 1 Cert	Compliance	MI-ROP-A3900-2021a 2023 Semi 1 ROP Certification report. 12 Deviations reported including VE and low/high dp readings. All were resolved in a timely manner. Report timely and certified.
05/12/2023	Excess Emissions (CEM)	Compliance	2023 First Quarter EER. EEs and MSD less than 1% for both sources. Low SOT for Unit 2.
05/02/2023	Rule 912	Compliance	Issue was between 4/4 and 4/10, Verbal on 4/10. Written received on 4/18. Flanges on cartridges on dust collector servicing FG-GROUP-A were warped and causing VE's. Once diagnosed, repairs were made quickly. No further action is recommended.
03/15/2023	Annual Emissions Report (or MAERS)	Compliance	See MAERS for further info. Via Paper on 3-16-23
03/03/2023	ROP Annual Cert	Compliance	MI-ROP-A3900-2021 2022 Annual Certification report. 21 Deviations including 17 previously reported. VE, high and low dp readings as well as excess emissions included in CEMS quarterly EERs. Actions taken to correct the reported deviations were adequate. Report timely and certified.
03/03/2023	ROP SEMI 2 CERT	Compliance	MI-ROP-A3900-2021 2022 Semi 2 ROP Certification report. 4 Deviations reported including VE and high dp readings. All were resolved in a timely manner. Report timely and certified.
02/21/2023	CAM Excursions/Exceedances	Compliance	MI-ROP-A3900-2021 2022 Semi-2 CAM Excursion report. No excursions noted.
02/21/2023	CAM monitor downtime	Compliance	MI-ROP-A3900-2021 2022 Semi-2 CAM monitor downtime report. No monitor downtime during the reporting period.
02/21/2023	Excess Emissions (CEM)	Compliance	2022 4th Quarter EER. . Herreshoff #2 downtime 2.3% due to equipment malfunction due to power outage on 12/3/22 and excess calibration due to service for annual calibration and repair on 12/13/22. All other values less than 1% TSOT.
01/17/2023	CEM RATA	Compliance	Annual Audit of Opacity Monitors, Calibrations and repairs made.

Activity Date	Activity Type	Compliance Status	Comments
01/17/2023	Malfunction Abatement Plan	Compliance	Updated Malfunction Abatement Plan, revisions to DP operating parameters on 3 dust collectors. per previous discussions with AQD.
12/13/2022	Telephone Notes	Compliance	Notification of #2 Herreshoff opacity monitor failure.
11/14/2022	Rule 912	Compliance	MI-ROP-A3900-2021, FG-GROUP -A, EU3RKPRIMSCREEN Pulse Jet Baghouse excess emission notification. 5% VE limit exceeded for 5 hours. Replaced bags. Email notification of exceedance received on the day of the event 10/30/22.
11/03/2022	Excess Emissions (CEM)	Compliance	2022 3rd Quarter EER. Herreshoff #1 excess visible emissions 0.000% of SOT, monitor downtime 0.00%. Herreshoff #2, excess visible emissions 0.006% of SOT, 0.00% monitor downtime.

Name: Lindsey Wells

Date: 12-2-24

Supervisor: Shane Nixon