

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> Martin Marietta Magnesia Specialties, LLC	<b>SRN :</b> A3900
<b>Location :</b> 1800 Eastlake Rd.	<b>District :</b> Cadillac
	<b>County :</b> MANISTEE
<b>City :</b> MANISTEE <b>State:</b> MI <b>Zip Code :</b> 49660	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Kurt Childs
<b>FCE Begin Date :</b> 1/1/2021	<b>FCE Completion Date :</b> 1/10/2022
<b>Comments :</b> 2022 FCE.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
12/09/2021	On-site Inspection	Compliance	2022 FCE
11/09/2021	Stack Test Observation	Compliance	EUHERRFURN2/HF-ESP2 PM stack test.
11/09/2021	On-site Inspection	Compliance	2022 FCE, PCE1 - FGPERICLASEPLT Site inspection and reporting review.
11/01/2021	Excess Emissions (CEM)	Compliance	2021 3rd Quarter EER. Excess visible emissions 0.014% of SOT reported for Herreshoff #1, no monitor downtime. 0.194% of SOT reported for Herreshoff #2, no monitor downtime.
10/27/2021	ROP Semi 1 Cert	Compliance	MI-ROP-A3900-2015 2021b 1st semi annual report. 11 Deviations including excess opacity and operating parameter deviations. Responses to deviations were adequate.
10/20/2021	ROP Other	Compliance	Revised Test Protocol EUHERRESHOFF2
10/11/2021	ROP Other	Compliance	EUHERRESHOFF2 PM Test Protocol. Missing information, revised protocol submitted 10/20/21.
09/22/2021	Malfunction Abatement Plan	Compliance	Minor update to differential pressure ranges for 2 baghouses.
09/13/2021	ROP Tech Review Notes		

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09/10/2021	CAM Excursions/Exceedances	Compliance	MI-ROP-A3900-2015 2020 Semi-1 CAM Excursion report. EURK3 no excursions. #1 Herreshoff no excess opacity. #2 Hereshoff, 14 hours excess opacity. #3 Herreshoff, no excursions/exceedences.
09/10/2021	CAM monitor downtime	Compliance	MI-ROP-A3900-2015 2021 Semi-1 CAM monitor downtime report. No monitor downtime during the reporting period.
09/10/2021	Excess Emissions (CEM)	Compliance	2021 2nd Quarter EER. Excess visible emissions 0.009% of SOT reported for Herreshoff #1, no monitor downtime. 0.022% of SOT reported for Herreshoff #2, no monitor downtime.
05/03/2021	ROP Other	Compliance	Fugitive Dust Plan update.
04/26/2021	Excess Emissions (CEM)	Compliance	2021 1st Quarter EER. There were no excess visible emissions reported for Herreshoff #1. There was no monitor downtime was reported for Herreshoff 1. The report indicates Herreshoff #2 did not operate this quarter.
04/12/2021	Rule 912	Compliance	Verbal notification of Rule 912 excess PM emissions from #2 Light Burn dust collector due to bag failure, Approx. 40 hrs duration due to ongoing attempts to resolve the problem. Eventually bags were replaced and double gasketed to resolve problem. Written Rpt Rec'd 4/19/21.
03/17/2021	Rule 912	Compliance	Email notification of Rule 912 excess PM emissions from EU2HERRLB-BIN due to bag failure, 14 hrs duration. Bags replaced to resolve problem. Received ROP Cert in paper on 3/21/21.
03/15/2021	ROP Annual Cert	Compliance	MI-ROP-A3900-2015b 2020 Annual Certification report. 33 Deviations including 15 previously reported. Excess VE, monitor operating parameters, and failures to record operating parameters. Actions taken to correct the reported deviations were adequate. Report timely and certified.

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03/15/2021	ROP SEMI 2 CERT	Compliance	MI-ROP-A3900-2015b 2020 2nd semi annual report. 18 Deviations including excess opacity and operating parameter deviations. Responses to deviations were adequate.
03/11/2021	MAERS	Compliance	See MAERS for further Info.
01/25/2021	Excess Emissions (CEM)	Compliance	2020 4th Quarter EER. Excess visible emissions from Herreshoff #1 were 0.024% of SOT. Monitor downtime was reported as 0.1690% of SOT for Herreshoff 1. The report indicates Herreshoff #2 did not operate this quarter.
01/25/2021	CAM Excursions/Exceedances	Compliance	MI-ROP-A3900-2015 2020 Semi-1 CAM Excursion report. EURK3 no excursions. #1 Herreshoff, 2 hrs. excess opacity. #2 Herreshoff, no excursions/exceedences. #3 Herreshoff, no excursions/exceedences.
01/25/2021	CAM monitor downtime	Compliance	MI-ROP-A3900-2015 2020 Semi-2 CAM monitor downtime report. Herreshoff #1 215 minutes downtime. Herreshoff #2 No monitor downtime during the reporting period.
01/04/2021	CEM RATA	Compliance	MI-ROP-A3900-2015a, FG-PERICLASEPLNT SC V.5. Annual off-stack calibration of opacity monitors on #1 and #2 Herreshoff furnaces per 40 CFR 60.48b(e)(1). Report indicates monitor functions were accurate.

Name:  Date: \_\_\_\_\_ Supervisor: \_\_\_\_\_