

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Great Lakes Castings LLC	SRN : A3934
Location : 800 N. Washington Ave.	District : Cadillac
	County : MASON
City : LUDINGTON State: MI Zip Code : 49431	Compliance Status : Compliance
Source Class : MAJOR	Staff : Caryn Owens
FCE Begin Date : 3/24/2021	FCE Completion Date : 3/24/2022
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
03/24/2022	On-site Inspection	Compliance	On-Site Scheduled Inspection and Records Review
03/23/2022	MAERS	Compliance	See MAERS for further Info - Company reported tpy for EUCUPOLA instead of lb/yr for EUCUPOLA, & forgot decimal for EUEASTCOREOVEN, reported 1006 MMCF instead of 1.006 MMCF. Company ok'd my changes to fix. Verified reported emissions were below permitted limits.
03/18/2022	Stack Test	Compliance	Test Rpt, EUCUPOLA - results PM: 0.8lb PM/ton of metal charge, 12.50pph; T-HAP metals 0.035lb/ton of metal charge & 0.56pph; PM-10: 14.39pph, 0.925lb/ton of metal charge, 33.57tpy; SO2: 0.191pph, 0.0032lb/ton of metal charge, 0.116 tpy; CO: 122.26pph, 7.16lb/ton of metal charge, 259.79tpy; VOC: 0.81pph, 0.055lb/ton of metal charge, 2.00tpy; All emissions were within permitted limits. See Rvw under compliance activity tab.
03/18/2022	MACT (Part 63)	Compliance	2nd Semi Annual NESHAP Iron and Steel Foundry Area Source Report (40 CFR 63 Subpart 5Z). Via Paper on 1-31-22. Report OK, appears complete, no deviations regarding segregation of certain types of scrap (mercury switches,

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03/18/2022	ROP Annual Cert	Compliance	Annual/Semi Annual/CAM all contained within the same report. 4 deviations reported for the year, 3 were included in previous semi-annual report, & handled in a timely manner.
03/18/2022	ROP SEMI 2 CERT	Compliance	2nd Qtr Semi-Annual Report. 1 Deviation, and handled in timely manner, for EUCUPOLA, stack temp. below 1150F while charging metal. one after burner malfunctioned, went to relief, cleaned it, & returned to normal operations.
03/18/2022	CAM Excursions/Exceedances	Compliance	2nd semi annual CAM Excursions/Exceedances - Report ok, No excursions/exceedances during reporting period.
03/18/2022	CAM monitor downtime	Compliance	2nd semi annual CAM Monitor Downtime - Report ok, No monitor downtime during reporting period.
03/18/2022	ROP R215 Notification	Compliance	Change in RO to Robery Killips, CEO & Alternate Steve O'Connell, Director of Operations. Updated Facility Contacts.
01/05/2022	Other	Compliance	Stack Test Report Review Emissions Summary
12/17/2021	Stack Test	Compliance	Stack Test Rpt for EUHUNTERPOURING (PM Limit 0.10lb/1000lbs), EUDISAORM (PM-10 Limit 0.10lb/1000lbs), EUHUNTERSAND(PM Limit 0.10lb/1000lbs), & FGDUSTAR (PM Limit 0.0205/1000lbs, VOC 14 lb/hr, & HCHO 2.0Mg/M3). Testing was within permitted limits.
12/17/2021	Other	Compliance	Stack Test Report Review
12/03/2021	Complaint Investigation		12/3/2021 odor complaint follow up. Called Mr. Anderson and left a message with the complaint details and a request to check on process issues and odor conditions then return my call. Call returned 12/6/21 and records received 12/7/21.
11/17/2021	Complaint Investigation	Compliance	Complaint Investigation
11/10/2021	Stack Test Observation	Compliance	Observe stack test of cupola
10/19/2021	Stack Test Observation	Compliance	Stack test observations on Oct. 19th and Oct. 20th.

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10/15/2021	ROP Semi 1 Cert	Compliance	1st Semi Annual & CAM contained together. Report OK. 3 deviations reported, and were handled in a timely and correct manner. 2 Deviations for EUCUPOLA for low stack temp & 1 deviation for EUHUNTERSAND low DP for baghouse. Appropriate corrective action was taken.
10/15/2021	CAM Excursions/Exceedances	Compliance	1st semi annual CAM Excursions/Exceedances - Report ok, No excursions/exceedances during reporting period.
10/15/2021	CAM monitor downtime	Compliance	1st semi-annual CAM Monitor Downtime - Report ok, No monitor downtime during reporting period.
10/15/2021	ROP Other	Compliance	Emission Test Protocol - Via Email - Reviewed and will be completed in 2 stages. EUHUNTERPOURING, EUDISAEWETDC, EUHUNTERSAND, EUDISADUSTAR testing week of 10/18/21, EUCUPOLA testing 11/9/21
09/17/2021	ROP R215 Notification	Compliance	NEW CEO - Mitchell Kidd, Alternative - Steve O'Connell Director of Operations - Mitchell Kidd - Phone (231)843-2501x 201 & mitchellkidd@greatlakescastings.com. Steve O'Connell – Phone (231)843-2501x 210 & soconnell@greatlakescastings.com. MACES updated.
09/17/2021	MACT (Part 63)	Compliance	MACT ZZZZZ - 1st Semi Annual NESHAP Iron and Steel Foundry Area Source Report pursuant to 40 CFR 63 Subpart ZZZZZ. Report OK, appears complete, no deviations regarding segregation of certain types of scrap (mercury switches, hazardous liquids, etc.)

Name: Caup Owens Date: _____ Supervisor: _____