

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility :	Huron Casting, Inc (Blue Diamond Steel Casting)	SRN :	B7013
Location :	7050 HARTLEY ST. & 125 STURM RD P.O.BOX 679	District :	Bay City
		County :	HURON
City :	PIGEON	State:	MI
Zip Code :	48755	Compliance Status :	Compliance
Source Class :	MAJOR	Staff :	Gina McCann
FCE Begin Date :	9/14/2022	FCE Completion Date :	4/30/2024
Comments :	FCE from 9-14-2022 through 4-30-2024		

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
04/19/2024	Stack Test	Compliance	Fugitive emissions test results. No emissions verified.
03/21/2024	On-site Inspection	Compliance	FCE inspection of MI-ROP-B7013-2018a
03/11/2024	ROP Annual Cert	Compliance	No deviations.
03/11/2024	ROP SEMI 2 CERT	Compliance	No deviations.
03/11/2024	MACT (Part 63)	Compliance	Subpart ZZZZZ Compliance Report
03/11/2024	ROP Annual Cert	Compliance	No deviations.
03/11/2024	ROP SEMI 2 CERT	Compliance	No deviations.
03/11/2024	MACT (Part 63)	Compliance	Subpart ZZZZZ Compliance Report
09/29/2023	Annual Emissions Report (or MAERS)	Compliance	MAERS
09/29/2023	Annual Emissions Report (or MAERS)	Compliance	MAERS
09/29/2023	Annual Emissions Report (or MAERS)	Compliance	MAERS Supplement (SCT) - Phenol Certification and Resin LOI Reports
09/29/2023	ROP Semi 1 Cert	Compliance	No deviations.

Activity Date	Activity Type	Compliance Status	Comments
09/29/2023	MACT (Part 63)	Compliance	Subpart ZZZZZ Semiannual Report No deviations, does not use motor vehicle scrap. BH 775 had a BLDS alarm, inspected and cleaned probe, reset, alarmed cleared. BH 484W had a BLDS alarm, inspected and cleaned probe, reset and alarmed again, changed a couple of suspect bags, alarmed again, faulty probe-changed faulty probe, alarm cleared.
09/29/2023	Annual Emissions Report (or MAERS)	Compliance	Supplemental SCT.
09/29/2023	Annual Emissions Report (or MAERS)	Compliance	Supplemental SCT.
09/29/2023	ROP Semi 1 Cert	Compliance	No deviations.
09/29/2023	MACT (Part 63)	Compliance	Subpart ZZZZZ Semiannual Report No deviations, does not use motor vehicle scrap.
04/24/2023	ROP Annual Cert	Compliance	Revised cert received 3/14/23 • MACT ZZZZZ deviations, late stack testing and late opacity tests for fugitive emissions. VN written and corrective action complete. No additional deviations were identified. % of time CMS was down 0%
04/24/2023	ROP SEMI 2 CERT	Compliance	Revised cert received 3/14/23 • MACT ZZZZZ deviations, late stack testing and late opacity tests for fugitive emissions. VN written and corrective action complete. No additional deviations were identified. % of time CMS was down 0%
04/24/2023	MACT (Part 63)	Compliance	Semiannual MACT ZZZZZ Report
04/24/2023	ROP Annual Cert	Compliance	Revised cert received 3/14/23 • MACT ZZZZZ deviations, late stack testing and late opacity tests for fugitive emissions. VN written and corrective action complete. No additional deviations were identified. % of time CMS was down 0%
04/24/2023	ROP SEMI 2 CERT	Compliance	Revised cert received 3/14/23 • MACT ZZZZZ deviations, late stack testing and late opacity tests for fugitive emissions. VN written and corrective action complete. No additional deviations were identified. % of time CMS was down 0%

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04/24/2023	MACT (Part 63)	Compliance	Semiannual MACT ZZZZZ Report • MACT ZZZZZ deviations, late stack testing and late opacity tests for fugitive emissions. VN written and corrective action complete. No additional deviations were identified. % of time CMS was down 0%
02/08/2023	Stack Test	Compliance	Limit=0.8 lb/ton of metal charged Pouring Line A (Huron Casting)= 0.054 Lb/ton of metal charged Pouring Line B (Huron Casting)= 0.091 Lb/ton of metal charged No Bake Line (Blue Diamond) =0.0069 Lb/Ton of metal charged Shell Furnace Line (Blue Diamond)=0.0064 lbs/ton of charge
12/14/2022	Stack Test Observation	Unknown	MACT ZZZZZ testing of EU-POURINGA, EU-POURINGB, EU-SHELLFURNACE, and EU-NBFURNACE.
09/29/2022	ROP Semi 1 Cert	Compliance	As required by MI-ROP-B7013-2018a, a Semi-Annual Compliance Report was submitted to the AQD on 09/02/22. The reporting time periods were from 01/01/2022 through 06/30/2022. During this time period no deviations were reported. The ROP Certification Form has the incorrect ROP number and did not list the NESHAP Subpart ZZZZZ Report as being attached. This was discussed with the company and a corrected report was resubmitted. (AShaffer, 09/29/22)

Activity Date	Activity Type	Compliance Status	Comments
09/29/2022	MACT (Part 63)	Compliance	A Semiannual Compliance Report per the NESHAP for Iron and Steel Foundry Area Sources was submitted by Blue Diamond Steel Casting and received by the AQD on September 2, 2022. The reporting time periods for this report were 01/01/2022 through 06/30/2022. The report was not listed in the additional reports received in the compliance report. A corrected ROP Certification Form was resubmitted. The facility is a large new foundry. Reviewing the submitted report there appeared to be four instances of a broken bag alarm or a high particulate alarm. All four instances appeared to be a false alarm. After further review, the corrective actions taken for the four responses appear acceptable. Minor errors were noted; however, the report was concluded to be acceptable. The report was properly certified and received on time. (AShaffer, 09/29/22)
09/29/2022	Annual Emissions Report (or MAERS)	Compliance	This ROP certification was in regards to the 2020 and 2021 MAERS Report. The 2020 and 2021 MAERS Reports had been received on time electronically on February 16, 2021, and February 23, 2022, respectively. Both reports had been concluded to be acceptable and were processed, however, the ROP certification had not been submitted. It was concluded that no violation notice will be issued due to the MAERS Reports having been received on time and were acceptable. Moving forward, it was discussed on submitting the ROP certification for the MAERS submittals. (AShaffer, 09/29/22)

Activity Date	Activity Type	Compliance Status	Comments
09/29/2022	MACT (Part 63)	Compliance	A Semiannual Compliance Report per the NESHAP for Iron and Steel Foundry Area Sources was submitted by Huron Casting, Inc. and received by the ADQ on 09/02/22. The reporting time periods for this report were 01/01/2022 through 06/30/2022. The report was not listed in the additional reports received in the compliance report. A corrected ROP Certification Form was resubmitted. The facility is an existing large foundry. Reviewing the submitted report there were three reported instances of where a broken bag alarm went off. After further review, the corrective actions taken for the three responses appear acceptable. Minor errors were noted; however, the report was concluded to be acceptable. The report was properly certified and received on time. (AShaffer, 09/29/22)
09/29/2022	Annual Emissions Report (or MAERS)	Compliance	This ROP certification was in regards to the 2020 and 2021 MAERS Report. The 2020 and 2021 MAERS Reports had been received on time electronically on February 16, 2021, and February 23, 2022, respectively. Both reports had been concluded to be acceptable and were processed, however, the ROP certification had not been submitted. It was concluded that no violation notice will be issued due to the MAERS Reports having been received on time and were acceptable. Moving forward, it was discussed on submitting the ROP certification for the MAERS submittals. (AShaffer, 09/29/22)

