

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> Huron Casting, Inc (Blue Diamond Steel Casting)	<b>SRN :</b> B7013
<b>Location :</b> 7050 HARTLEY ST. & 125 STURM RD P.O.BOX 679	<b>District :</b> Saginaw Bay
	<b>County :</b> HURON
<b>City :</b> PIGEON <b>State:</b> MI <b>Zip Code :</b> 48755	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Gina McCann
<b>FCE Begin Date :</b> 7/28/2017	<b>FCE Completion Date :</b> 2/11/2020
<b>Comments :</b> FCE	

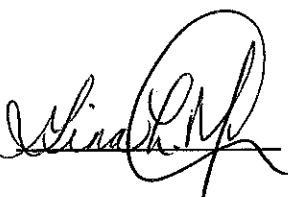
**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
01/08/2020	Scheduled Inspection	Compliance	Inspection of MI-ROP-B7013-2018a and Administrative Consent Order 4-2017
09/24/2019	ROP Semi 1 Cert	Compliance	No ROP deviations reported.
09/24/2019	ROP Semi 1 Cert	Compliance	No ROP deviations reported.
09/24/2019	MACT (Part 63)	Compliance	Subpart ZZZZZ Semi Annual Compliance Report (9) Parameter Monitoring Exceedances reported for Blue Diamond as part of compliance with MACT ZZZZZ. Each of the exceedances were found to be malfunctions with the monitoring equipment.
09/24/2019	MACT (Part 63)	Compliance	Subpart ZZZZZ Semi Annual Compliance Report (10) Parameter Monitoring Exceedances reported for Huron as part of compliance with MACT ZZZZZ. Each of the exceedances were found to be malfunctions with the monitoring equipment. Huron is an "existing" foundry and does not need to comply with the bag leak detection requirements, because it utilizes the option to do monthly baghouse inspections.
05/29/2019	MAERS	Compliance	MAERS

Activity Date	Activity Type	Compliance Status	Comments
03/28/2019	ROP Annual Cert	Compliance	Update received 3/11 Section 1: (2) two deviations reported (1) 12-month rolling records not being kept for binder usage. Corrected (2) BH-790 was shut down when alarm was triggered (1 hour) Corrective action: used dye to determine broken bag and it was replaced.
03/28/2019	ROP Annual Cert	Compliance	Update received 3/11 Section 2: (4) four deviations reported (1) 12-month rolling not being kept for binder usage. Corrected (2) EU-FINISHING baghouse off while operating. (3) HAPs emissions did not include all HAPs for facility. Missing multiple constituents. Added to the recordkeeping. (4) BH-9 71102 dust collector bag leaking (7 hours) Corrective action: Bag had fallen down, fixed. VN sent and stips paid
03/28/2019	ROP SEMI 2 CERT	Compliance	Section 2: BH-9 71102 dust collector bag leaking (7 hours) Corrective action: Bag had fallen down, fixed.
03/28/2019	ROP SEMI 2 CERT	Compliance	1/1/2018 (not previously reported) BH-790 was shut down when alarm was triggered (1 hour) Corrective action: used dye to determine broken bag and it was replaced.
03/07/2019	MACT (Part 63)	Compliance	Subpart ZZZZZ, NESHAP for Iron and Steel Foundry Area Sources 7/23/2018 790 dust collector, unknown cause, cleaned probe and reset. 7/27/2018 790 dust collector, broken bag, tested with blacklight and dye, changed broken bag. 8/13/2018 790 dust collector sensor malfunction, changed and reset. 8/27/2018 790 dust collector unknown cause, reset ethernet card and calibrated.

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03/07/2019	MACT (Part 63)	Compliance	Subpart ZZZZZ, NESHAP for Iron and Steel Foundry Area Sources 9/11/2018 Baghouse 71106 high particulate, dust collector door seal leak allowing moisture to draw inside and signal alarm. Replaced door seal and cleaned prove and reset monitor.  11/30/2018 71125 baghouse- Broken bag detector conducting running test, completed test and reset system.  12/11/2018 71125 high particulate unknown alarm, reset system.
02/04/2019	Stack Test	Compliance	FG-BDSV05 HAPS Emission Factor Testing
11/14/2018	Stack Test Observation	Unknown	HAPs testing of hydrogen cyanide, benzene, toluene and phenol. FG-BDSV05 tested.
09/19/2018	ROP Semi 1 Cert	Compliance	FG-MOLDLINE 12-month rolling records not being kept for binder usage.
09/19/2018	ROP Semi 1 Cert	Compliance	EU-FINISHING baghouse shut off while in operation, VN sent. Source wide conditions monthly average for lb/ton for CO records not being kept, VN sent. Source wide condition HAPs emission did not include all HAPs for the facility, missing multiple constituents, VN sent. glm
09/05/2018	MACT (Part 63)	Compliance	Subpart ZZZZZ, NESHAP for Iron and Steel Foundry Area Sources
09/05/2018	MACT (Part 63)	Compliance	Subpart ZZZZZ, NESHAP for Iron and Steel Foundry Area Sources
06/11/2018	MAERS	Compliance	MAERS
06/08/2018	ROP Other	Compliance	Exempt from re-permitting of EU-SHELLPOUR and EU-SHELLCOOL demonstration. Fire on 3-16-2018 caused damage to these units, claim exempt from permitting under R285(a).
06/08/2018	Rule 912	Compliance	Fire on 3-16-18 to EU-SHELLFURNACE and EU-SHELLCOOL. Associated bag houses, BH-5 and bH-7, respectively, were shutdown. Claim no damage to bag houses. (2) of (3) furnaces need repairing.
05/22/2018	Scheduled Inspection	Non Compliance	Inspection of MI-ROP-B7013-2018

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03/28/2018	MACT (Part 63)	Compliance	Huron Casting: Subpart ZZZZZ - NESHAP for Iron and Steel Foundry Area Sources No deviations.
03/28/2018	MACT (Part 63)	Compliance	Blue Diamond: Subpart ZZZZZ - NESHAP for Iron and Steel Foundry Area Sources  (3) instances when CMS was out of control, repaired, or adjusted. Giving false readings on alarm. Replaced alarm and location, moved to inside of building.
02/21/2018	MACT (Part 63)	Compliance	Huron Casting: Subpart ZZZZZ - NESHAP for Iron and Steel Foundry Area Sources
02/21/2018	MACT (Part 63)	Compliance	Blue Diamond: Subpart ZZZZZ - NESHAP for Iron and Steel Foundry Area Sources
02/21/2018	Stack Test	Compliance	Electric Induction Furnace Emissions Test Report
02/12/2018	ROP Tech Review Notes	Compliance	Technical Review Notes

Name: 

Date: 2/12/20

Supervisor: C. Hare