



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

SEP 26 2016

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Geoffrey H. Curtis, Vice President and General Manager
Harrison Steel Casting Company
900 S Mound St.
Attica, IN 47918

Re: Administrative Order EPA-5-16-113(a)-IN-04

Dear Mr. Curtis:

Enclosed is an executed original of the Administrative Consent Order regarding the above captioned case. If you have any questions about the Order, please contact me at 312-886-6797.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sarah Marshall".

Sarah Marshall, Chief
Air Enforcement and Compliance Assurance Section (MI/WI)

Enclosure

cc: Susan Perdomo/C-14J
Phil Perry, Indiana Department of Environmental Management

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

In the Matter of:)	EPA-5-16-113(a)-IN-04
)	
Harrison Steel Castings Company)	Proceeding Under Sections 113(a)(1)(A)
Attica, Indiana)	and 113(a)(3)(A) and 114(a)(1) of the
)	Clean Air Act, 42 U.S.C. §§ 7413(a)(1)(A),
)	7413(a)(3)(A) and 7414(a)(1)
)	

Administrative Consent Order

1. The Director of the Air and Radiation Division, U.S. Environmental Protection Agency (EPA), Region 5, is issuing this Order to Harrison Steel Castings Company (Harrison Steel) under Sections 113(a)(1)(A), 113(a)(3)(A) and 114(a)(1) of the Clean Air Act (CAA), 42 U.S.C. §§ 7413(a)(1)(A), 7413(a)(3)(A), and 7414(a)(1).

Statutory and Regulatory Background

The National Emission Standards for Hazardous Air Pollutants

2. Under Section 112 of the CAA, U.S.C. § 7412, EPA promulgated the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Iron and Steel Foundries (NESHAP Subpart EEEEE) at 40 C.F.R. §§ 63.7680 through 63.7765. NESHAP Subpart EEEEE applies to the owner or operator of an iron and steel foundry as defined in 40 C.F.R. § 63.7681.

3. 40 C.F.R. § 63.6(e)(1)(i) states in part, “at all times, including periods of startup, shutdown, and malfunction, the owner or operator must operate and maintain any affected source, including . . . monitoring equipment, in a manner consistent with . . . good air pollution control practices for minimizing emissions.”

4. 40 C.F.R. § 63.7683(a) provides that “[e]xcept as specified in paragraph (b) of this section, if you have an existing affected source, you must comply with each emissions limitation, work practice standard, and operation and maintenance requirement in this subpart that applies to you no later than April 23, 2007. Major source status for existing affected sources must be determined no later than April 23, 2007.”

5. 40 C.F.R. § 63.7690(a)(1) provides that “[f]or each electric arc metal melting furnace, electric induction metal melting furnace, or scrap preheater at an existing iron and steel foundry, you must not discharge emissions through a conveyance to the atmosphere that exceed either the limit for particulate matter (PM) in paragraph (a)(1)(i) of this section or, alternatively the limit for total metal hazardous air pollutant (HAP) in paragraph (a)(1)(ii) of this section: (i) 0.005 grains of PM per dry standard cubic foot (gr/dscf), or (ii) 0.0004 gr/dscf of total metal HAP.”

6. 40 C.F.R. § 63.7710(b) provides that “[y]ou must prepare and operate at all times according to a written operation and maintenance plan for each capture and collection system and control device for an emissions source subject to a PM, metal HAP, triethylamine, or volatile organic hazardous air pollutant emissions limit in § 63.7690(a). [...]”

7. 40 C.F.R. § 63.7731(a) provides that “[y]ou must conduct subsequent performance tests [following an initial performance test] to demonstrate compliance with all applicable PM or total metal HAP [...] emissions limitations in § 63.7690 for your iron and steel foundry no less frequently than every 5 years and each time you elect to change an operating limit or to comply with a different alternative emissions limit, if applicable. [...]”

8. 40 C.F.R. § 63.7740(b) provides that “[f]or each negative pressure baghouse or positive pressure baghouse equipped with a stack that is applied to meet any PM or total metal

HAP emissions limitation in this subpart, you must at all times monitor the relative change in PM loadings using a bag leak detection system according to the requirements in § 63.7741(b).”

Findings and Alleged Violations

9. Harrison Steel owns and operates a steel foundry at 900 North Mound Street, Attica, Indiana (the facility). The facility operates three electric arc furnaces (EAF2, EAF3, and EAF4).

10. The facility is a major source of HAPs because it has the potential to emit in excess of 10 tons per year of an individual HAP and 25 tons per year of all HAPs combined, thus making it an affected source under the NESHAP for Iron and Steel Foundries.

11. EPA conducted an inspection of the Facility on June 5, 2013.

12. EPA issued to Harrison Steel an information request under Section 114 of the CAA on December 9, 2013. Harrison Steel submitted a response on March 31, 2014.

13. Baghouse DC4 controls emissions from EAF2, Baghouse DC5 controls emissions from EAF3, and Baghouse DC40 controls emissions from EAF4. Baghouse DC 42 controls melt shop particulate emissions, including those from EAF3 and EAF4, and the pick-up point for this baghouse is located at the roof monitor. Baghouse DC38 controls melt shop particulate emissions, including those from EAF2, and the pick-up point for this baghouse is located at the roof monitor.

14. EPA issued a Notice and Finding of Violation (“NOV/FOV”) to Harrison Steel on March 4, 2014, alleging that Harrison Steel failed to comply with the performance testing, operation and maintenance plan, and monitoring requirements of NESHAP Subpart EEEEE at DC42 and DC38. Harrison neither admits nor denies the allegations set forth in the NOV/FOV.

Compliance Program

15. No later than 120 days from the effective date of this Order, Harrison Steel shall achieve, demonstrate, and maintain compliance with NESHAP Subpart EEEEE at its Attica, Indiana, facility.

16. Within 90 days of the effective date of this Order, Harrison Steel shall install a bag leak detection system at DC42 that meets the requirements in 40 C.F.R. § 63.7741(b) and at all times monitor the relative change in PM loadings using a bag leak detection system.

17. Within 60 days of the effective date of this Order, Harrison Steel shall modify the existing operation and maintenance (O&M) plan and submit a copy to EPA for approval. The modified O&M plan must incorporate the capture and collection systems associated with DC42 and DC38 as control devices for emission sources subject to PM and metal HAP emission limits. The O&M plan for DC38 and DC42 must include the elements described in 40 C.F.R. § 63.7710(b)(1) – (6).

18. Within 60 days of the effective date of this Order, Harrison Steel shall submit an application to the Indiana Department of Environmental Management (IDEM) for modifications to its Title V operating permit. The application must request that IDEM require that Harrison Steel conduct performance testing at DC38 in accordance with NESHAP Subpart EEEEE within 180 days of startup of EAF2 and install a Bag Leak Detection System (BLDS) at DC38 within 30 days of startup of EAF2. Harrison Steel must make updates to the O&M plan following the installation of the BLDS to incorporate the BLDS at DC38. Harrison Steel must submit a copy of the permit application to EPA simultaneously with the submittal to IDEM.

19. Harrison Steel must submit to EPA semiannual reports containing all baghouse inspection and bag leak detection recordkeeping for DC38 and DC42 that is required pursuant to 40 C.F.R. § 63.7743(c)(1) and (2). Harrison Steel must submit four consecutive semiannual reports to the EPA beginning on the first full semiannual calendar period following the effective date of this Order; each submission will be made on July 31 and January 31 of each year.

20. Harrison Steel shall send all reports required by this Order to:

Hullinger.Luke@epa.gov and R5AirEnforcement@epa.gov.

General Provisions

21. The findings and violations alleged in paragraphs 9-14 of this Administrative Consent Order, as well as in the NOV/FOV issued to Harrison Steel on March 4, 2014, are resolved in a Consent Agreement and Final Order filed with EPA, Region 5's Regional Hearing Clerk. An electronic copy of the CAFO can be accessed at the website <http://yosemite.epa.gov/oa/rhc/epaadmin.nsf>.

22. This Order does not affect Harrison Steel's responsibility to comply with other federal, state, and local laws.

23. This Order does not restrict EPA's authority to enforce the Indiana SIP, Section 112 of the CAA, or any other section of the CAA.

24. Failure to comply with this Order may subject Harrison Steel to penalties of up to \$44,539 per day for each violation under Section 113 of the CAA, 42 U.S.C. § 7413, and 40 C.F.R. Part 19.

25. The terms of this Order are binding on Harrison Steel, its assignees, and successors. Harrison Steel shall give notice of this Order to any successors in interest prior to transferring

ownership and must simultaneously verify to EPA, at the address provided in Paragraph 21, that it has given the notice.

26. Unless otherwise specified in this Order, whenever notifications, submissions, or communications are required by this Order, they must be made in writing and addressed as follows:

To Harrison Steel Castings Company:

Mr. Geoffrey H. Curtis, Vice President and General Manager
Harrison Steel Castings Company
900 Mound Street
Attica, IN 47918
Tel: (765) 762-2481
Email: curtisgh@hscast.com

And

Linda L. Rockwood
Olivia D. Lucas
Faegre Baker Daniels, LLP
3200 Wells Fargo Center
1700 Lincoln Street
Denver, CO 80203
Tel: (303) 607-3500
Email: Linda.Rockwood@faegrebd.com
Email: Olivia.Lucas@faegrebd.com

27. Harrison Steel may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B, for any portion of the information it submits to EPA. Information subject to a business confidentiality claim is available to the public only to the extent allowed by 40 C.F.R. Part 2, Subpart B. If Harrison Steel fails to assert a business confidentiality claim, EPA may make all submitted information available, without further notice, to any member of the public who requests it. Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not

entitled to confidential treatment under 40 C.F.R. Part 2, Subpart B. "Emission data" is defined at 40 C.F.R. § 2.301.

28. This order is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information by an agency from specific individuals or entities as part of an administrative action or investigation. To aid in our electronic recordkeeping efforts, please furnish an electronic copy on physical media such as compact disk, flash drive, or other similar item. If it is not possible to submit the information electronically, submit the response to this Order without staples. However, paper clips and binder clips are acceptable.

29. EPA may use any information submitted under this Order in an administrative, civil judicial, or criminal action.

30. Harrison Steel agrees to the terms of this Order.

31. Harrison Steel waives any remedies, claims for relief, and otherwise available rights to judicial or administrative review that it may have with respect to any issue of fact or law set forth in this Administrative Consent Order, including any right of judicial review under Section 307(b) of the CAA.

33. This Order is effective on the date of signature by the Director of the Air and Radiation Division. This Order will terminate one year from the effective date, provided that Harrison Steel has complied with all terms of the Order throughout its duration.

9/9/16
Date



Geoffrey H. Curtis
Vice President & General Manager
Harrison Steel Casting Company

9/26/16
Date



Edward Nam
Acting Director
Air and Radiation Division
U.S. Environmental Protection Agency, Region 5

CERTIFICATE OF MAILING

I, Loretta Shaffer, certify that I sent the Administrative Consent Order, EPA-5-16-113(a)-IN-04, by certified mail, return receipt requested, to:

Geoffrey H. Curtis
Harrison Steel Casting Company
900 S Mound St.
Attica, IN 47918

I also certify that I sent a copy of the Administrative Consent Order, EPA-5-16-113(a)-IN-04, by E-mail to:

Phil Perry, Chief, Air Compliance Branch
PPERRY@idem.IN.gov

On the 28 day of September 2016.



Loretta Shaffer
Program Technician
AECAB, PAS

CERTIFIED MAIL RECEIPT
NUMBER:

7009 1680 0000 7674 9630