



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
DETROIT



C. HEIDI GREYER
DIRECTOR

January 31, 2018

Mr. Ron Kostyo, General Manager
United States Steel Great Lakes Works
No. 1 Quality Drive
Ecorse, MI 48229

SRN: A7809, Wayne County

Dear Mr. Kostyo:

VIOLATION NOTICE

On December 26, 2017, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), received the stack test results for the B2 Blast Furnace Casthouse Baghouse performed on October 24 and 25, 2017, at United States Steel Great Lakes Works ("U.S. Steel") located at 1 Quality Drive, Ecorse, Michigan. The purpose of this review was to determine U.S. Steel's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions of Renewable Operating Permit (ROP) number ROP No. 199600132d.

During the review of the stack test results, AQD staff observed the following violation:

Process Description	Rule/Permit Condition Violated	Comments
B2 blast furnace casthouse roof monitor (EGBLAST-FCE-B)	Rule 336.1358(1) ROP No. 199600132d, Table E-01.13, Section II.B 40 CFR Part 63, Subpart FFFFF, Table 1.7	Visible emissions from the B2 blast furnace casthouse roof exceeded 20% opacity on a 6-minute average a total of five times during testing. The highest 6-minute average opacity was 29%. 20% opacity on a 6-minute average is the visible emission limit.

Method 9 visible emissions observations were required to be performed on the baghouse stack and casthouse roof monitor during particulate testing of the B2 blast furnace casthouse baghouse performed on October 24 and 25, 2017. The allowable opacity limit from the B2 blast furnace casthouse is 20% on a 6-minute average. Method 9 visible emission records provided in the stack test report show that the B2 blast

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furnace casthouse roof monitor exceeded 20% opacity on a 6-minute average a total of five times during testing, with the highest 6-minute average observed being 29%.

Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by February 21, 2018 (which coincides with 21 calendar days from the date of this letter). The written response should include: the dates the violation occurred; an explanation of the causes and duration of the violation; whether the violation is ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violation and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

If U.S. Steel believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violation cited above. If you have any questions regarding the violation or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,



Jonathan Lamb
Senior Environmental Quality Analyst
Air Quality Division
313-456-4683

cc: Ms. Alexis Piscitelli, U.S. Steel
cc/via e-mail: Ms. Lynn Fiedler, DEQ
Ms. Mary Ann Dolehanty, DEQ
Mr. Chris Ethridge, DEQ
Mr. Thomas Hess, DEQ
Ms. Wilhemina McLemore, DEQ
Mr. Jeff Korniski, DEQ
Ms. Katie Koster, DEQ