



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
DETROIT



C. HEIDI GREETHER
DIRECTOR

October 12, 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 September 16, 2018, and September 19, 2018, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), conducted certified Method 9 visible emissions readings of the B2 Blast Furnace backdraft stack and the No. 2 BOP Shop roof monitor, respectively, at U.S. Steel Great Lakes Works ("U.S. Steel") located at No. 1 Quality Drive, Ecorse, Michigan. The purpose of these readings 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; 40 CFR Part 63, Subpart FFFFF, and the conditions of Renewable Operating Permit (ROP) number 199600132d.

During the visible emissions readings, staff observed the following:

Process Description	Rule/Permit Condition Violated	Comments
B2 Furnace Backdraft Stack (EGBLAST-FCE-B)	ROP No. 199600132d, General Condition 2.a. Rule 336.1301(1)(a)	On September 16, 2018, there were three exceedances of the 6-minute average opacity limit; the highest was 75%. 20% opacity on a 6-minute average, except for one 6-minute average of not more than 27% per hour, is the limit.
No. 2 BOP Shop Roof Monitor (EG2BOF-VESSELS)	ROP No. 199600132d, Table E-01.18, Section II.2 Rule 336.1364(2) 40 CFR 63.7790(a) and Table 1.12	On September 19, 2018, there were two exceedances of the 3-minute average opacity limit; the highest was 31%. 20% opacity on a 3-minute average is the limit.

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Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by November 2, 2018 (which coincides with 21 calendar days from the date of this letter). The written response should include: the dates the violations occurred; an explanation of the causes and duration of the violations; whether the violations are ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violations and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence. Copies of the Method 9 visible emissions readings are included with this letter.

Please submit the written response to the DEQ, AQD, Detroit District, at 3058 West Grand Boulevard, Suite 2-300, Detroit, Michigan 48202 and submit a copy to Ms. Jenine Camilleri, Enforcement Unit Supervisor at the DEQ, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

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 violations cited above. If you have any questions regarding the violations or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,



Katherine Koster
Senior Environmental Engineer
Air Quality Division
313-456-4678

Enclosures

cc: Ms. Alexis Piscitelli, U.S. Steel
Mr. Nathan Ganhs, U.S. Steel
Ms. Mary Ann Dolehanty, DEQ
Mr. Craig Fitzner, DEQ
Mr. Christopher Ethridge, DEQ
Ms. Jenine Camilleri, DEQ
Ms. Wilhemina McLemore, DEQ
Mr. Jeff Korniski, DEQ