



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
DETROIT



C. HEIDI GREETHER
DIRECTOR

January 4, 2017

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

SRN: A7809, Wayne County

Dear Mr. Gray:

VIOLATION NOTICE

On December 22, 2016, December 2, 2016, November 4, 2016, and October 6, 2016, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), received the November, October, September, and August 2016, BOP Shop Roof Monitor and ESP Stack Compliance Demonstration Reports, respectively, for United States Steel Great Lakes Works ("U.S. Steel") located at No. 1 Quality Drive, Ecorse, Michigan. AQD staff reviewed these reports 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 administrative rules; the conditions of Renewable Operating Permit (ROP) number 199600132d and Consent Order AQD No. 1-2005.

During this review, AQD staff noted the following violations:

Process Description	Rule/Permit Condition Violated	Comments
No. 2 BOP Shop Roof Monitor (EG2BOF-VESSELS)	ROP No. 199600132d, Table E-01.18, Section II.B.2 40 CFR Part 63 Subpart FFFFF, Table 1.12 Consent Order AQD No. 1-2005, Paragraph 11.A.3(e) Rule 336.1364(2)	Four exceedances of the 20%, 3-minute average opacity limit (21.25%, 29.6%, 22.5%, and 22.08%) on November 10 and November 22, 2016. One exceedance of the 20%, 3-minute average opacity limit (63.3%) on October 24, 2016. One exceedance of the 20% 3-minute average opacity limit (24.2%) on September 28, 2016. Two exceedances of the 20%, 3-minute average opacity limit (22.08%, 23.33%) on August 19, 2016.

Mr. James Gray
Page 2
January 4, 2017

Note, the facility reported two opacity exceedances on November 10 and one exceedance on November 22 in the December 21, 2016, cover letter for the November 2016 VEO report. However, AQD's review of the visible emissions readings identified three exceedances on November 10, 2016. From 9:27:15 to 9:30:00, the average opacity was 21.25%; from 9:30:15 to 9:33:00, the average opacity was 29.6%, and from 9:33:15 to 9:36:00 the average opacity was 22.5%.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by January 25, 2016 (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.

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,



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

cc: Ms. Alexis Piscitelli, U.S. Steel
cc via email: 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