



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

DETROIT DISTRICT OFFICE



LIESL EICHLER CLARK
DIRECTOR

July 19, 2019

Ms. Alexis Piscitelli, Environmental Manager
United States Steel Great Lakes Works
No. 1 Quality Drive
Ecorse, MI 48229

SRN: A7809, Wayne County

Dear Ms. Piscitelli:

VIOLATION NOTICE

On June 11, 2019, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted certified Method 9 visible emissions readings of the D4 Blast Furnace located at Zug Island, River Rouge, 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.

While performing visible emission readings, AQD staff observed the following violation:

Process Description	Rule/Permit Condition Violated	Comments
D4 Blast Furnace	ROP No. 199600132d, A-1, General Condition 2.a. Rule 336.1301(1)(a)	On June 11, 2019, the highest 6-minute average was 72.7%. 20% opacity on a 6-minute average, except for one 6-minute average of not more than 27% per hour, is the allowable limit.

AQD staff performed certified Method 9 visible emission readings of the D4 Blast Furnace from 1:55 PM to 2:20 PM on June 11, 2019. During this time, it was noted that the D4 Blast Furnace was emitting opacity in excess of the 20%, 6-minute average opacity limit allowed in Rule 336.1301(1)(a). Rule 301(1)(a) states, in part: "a person shall not cause or permit to be discharged in the outer air from a process or process equipment a visible emissions of a density greater than...a 6-minute average of 20% opacity, except for one 6-minute average per hour of not more than 27% opacity." Enclosed are copies of the instantaneous and six-minute average readings taken at U.S. Steel.

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Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by August 9, 2019 (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.

Please submit the written response to EGLE, 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 EGLE, 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 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

Enclosure

cc: Mr. Bruce Black, U.S. Steel
Mr. Nathan Ganhs, U.S. Steel
Ms. Mary Ann Dolehanty, EGLE
Dr. Eduardo Olaguer, EGLE
Ms. Jenine Camilleri, EGLE
Mr. Christopher Ethridge, EGLE
Ms. Wilhemina McLemore, EGLE
Mr. Jeff Korniski, EGLE
Ms. Katherine Koster, EGLE