



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
DETROIT



KEITH CREAGH
DIRECTOR

July 1, 2016

Mr. Nicholas Kohlhas, General Manager
AK Steel Dearborn Works
4001 Miller Road
Dearborn, Michigan 48121-1699

SRN: A8640, Wayne County

Dear Mr. Kohlhas:

VIOLATION NOTICE

On June 18, 2016, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), performed an investigation of the C Blast Furnace operations at AK Steel Dearborn Works, located at 4001 Miller Road, Dearborn, Michigan. This investigation was performed in response to complaints of "black smoke" coming from the blast furnace received that morning and to determine AK Steel's compliance status 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 and the conditions of Renewable Operating Permit (ROP) number MI-ROP-A8640-2016.

During the investigation, Mr. Jonathan Lamb of AQD performed Method 9 visible emission (VE) readings of the C Blast Furnace and noted the following violation:

Process Description	Permit Condition Violated	Comments
C Blast Furnace Relief Line Stack	ROP No. MI-ROP-A8640-2016; G.C. 11 Rule 336.1301(1)(a)	Visible emissions exceeded 20% over a 6-minute average eleven times during the observations. The highest 6-minute average was 57%

Mr. Lamb performed Method 9 VE readings from 10:00 AM to 11:30 AM on June 18, 2016, of black particulate emissions from one of the C Blast Furnace relief line stacks. During the time the Method 9 readings were performed, the 6-minute average opacity exceeded the 20% opacity limit allowed in ROP No MI-ROP-A8640-2016; General Condition No. 11, and Rule 336.1301(1)(a), a total of eleven times, with a high of 57% from 10:00 to 10:06 AM. Copies of the Method 9 VE readings are included with this letter.

Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by July 22, 2016 (which coincides with 21 calendar days from the date of this letter). The written response should include: the dates the

Mr. Nicholas Kohlhas

Page 2

July 1, 2016

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 AK Steel believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirement 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,



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

Enclosure

cc: Ms. Lynn Fiedler, DEQ
Ms. Teresa Seidel, DEQ
Ms. Heidi Hollenbach, DEQ
Mr. Thomas Hess, DEQ
Ms. Wilhemina McLemore, DEQ
Mr. Jeff Korniski, DEQ
Mr. Jonathan Lamb, DEQ