



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
MARQUETTE DISTRICT OFFICE



DANIEL EICHINGER
ACTING DIRECTOR

February 7, 2023

VIA EMAIL AND U.S. MAIL

Bill Cobb
BOSS Products
2010 The Boss Way
Iron Mountain, Michigan 49801

SRN: N2907, Dickinson County

Dear Bill Cobb:

VIOLATION NOTICE

On December 2, 2022, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted an inspection of BOSS Products located at 2010 The Boss Way, Iron Mountain, Michigan. The purpose of this inspection was to determine BOSS Product’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 Permit to Install (PTI) numbers 39-96 and 39-96A.

During the inspection, staff observed the following:

Process Description	Rule/Permit Condition Violated	Comments
EUBURNOFF1	Special Conditions 14 and 15 of PTI No. 39-96 Special Condition IV.1 of PTI No. 39-96A; R 336.1224, R 336.1225, R 336.1301, R 336.1910	Afterburner is not maintained or operated in a satisfactory manner.
EUBURNOFF1	Special Condition VI.1 of PTI No. 39-96A; R 336.1224, R 336.1225, R 336.1301, R 336.1910	Afterburner temperature monitoring device is not calibrated, maintained, or operated in a satisfactory manner; temperature readings are not recorded in 15-minute increments.
EUBURNOFF1	Special Condition VI.2 of PTI No. 39-96A; R 336.1205	Batch records are not kept in a satisfactory manner.

Special Conditions (SC) 14 and 15 of PTI No. 39-96 and SC IV.1 of PTI 39-96A for EUBURNOFF1 states the permittee shall not operate EUBURNOFF1 unless a secondary chamber or afterburner is installed, maintained, and operated in a satisfactory manner. Satisfactory operation of the secondary chamber or afterburner includes maintaining a minimum temperature of 1500°F. The applicant shall also equip and maintain the afterburner with a device to measure and record the operating temperature.

During the month of February 2022, it was noted the thermocouple was removed from its proper position on February 1st, but the malfunction was not noticed until February 28th. This resulted in missed afterburner readings for the month of February 2022. Additionally, there were multiple temperature recordings of a negative value (-454 F) for 11 days during the month of September 2022. It appears the facility has an issue monitoring and maintaining the afterburner temperature on EUBURNOFF1.

SC VI.1 of PTI 39-96A for EUBURNOFF1 states the permittee shall install, calibrate, maintain, and operate in a satisfactory manner a device to continuously monitor the temperature in the secondary chamber or afterburner portion of EUBURNOFF1 and record the temperature at least once every 15 minutes. The permittee shall keep the records on file at the facility and make the available to the Department upon request.

It was discovered during the records review that from July 18, 2022, through December 31, 2022, the temperature of the afterburner was only recorded every 30 minutes. Therefore, the facility is not in compliance with SC VI.1 of PTI No. 39-96A and will need to begin recording the temperature at least once every 15 minutes.

SC VI.2 of PTI 39-96A for EUBURNOFF1 states the permittee shall keep, in a satisfactory manner, records of the number of batches per 12-month rolling time period as determined at the end of each calendar month for EUBURNOFF1 before the requirements of SC VII.1 are met. The permittee shall keep the records on file at the facility, in a format acceptable to the AQD District Supervisor, and make them available to the Department upon request.

No batch records were provided. The company did provide a spreadsheet of afterburner temperature recordings based on 30-minute increments from July 18, 2022, to December 30, 2022. It was apparent that temperatures highlighted in red were batches, however they were not easily distinguishable, and no monthly batch totals or 12-month rolling batch total were provided. The company should be able to present the data required in a clear and concise manner and is not currently in compliance with SC VI.2 of PTI No. 39-96A.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by February 27, 2023 (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.

Please submit the written response to EGLE, AQD, Marquette District, at 1504 West Washington Street, Marquette, Michigan 49855 and submit a copy to Jenine Camilleri, Enforcement Unit Supervisor at EGLE, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

If BOSS Products 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 and for the cooperation that was extended to me during my inspection of BOSS Products. 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,

A handwritten signature in black ink, appearing to read "Joseph Scanlan". The signature is fluid and cursive, with the first name "Joseph" and last name "Scanlan" clearly distinguishable.

Joseph Scanlan
Environmental Quality Analyst
Air Quality Division
906-458-6405

cc: Annette Switzer, EGLE
Christopher Ethridge, EGLE
Brad Myott, EGLE
Jenine Camilleri, EGLE
Michael Conklin, EGLE