



GRETCHEN WHITMER  
GOVERNOR

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



PHILLIP D. ROOS  
DIRECTOR

September 29, 2023

Martin Schendel, Vice President  
Metaltec Steel Abrasives Co.  
41155 Joy Road  
Canton, Michigan 48187

SRN: N1022, Wayne County

Dear Martin Schendel:

**VIOLATION NOTICE**

On August 28, 2023, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted an inspection of Metaltec Steel Abrasives Co. located at 41155 Joy Road, Canton, Michigan. The purpose of this inspection was to determine Metaltec Steel Abrasives Co.'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) number 258-07.

During the inspection, staff observed the following:

Process Description	Rule/Permit Condition Violated	Comments
EUGRITPROCESS	PTI No. 258-07, EUGRITPROCESS, Special Condition 1.3	Failure to maintain the fabric collector with an alarm that sounds when the pressure drop exceeds 5 inches of water.
FGFOUNDRYNORTH	PTI No. 258-07, FGFOUNDRYNORTH, Special Condition 2.2	Visible emission readings conducted via Method 9 during the inspection exceeded a six-minute average of 5 percent opacity. A six-minute average of 35 percent was documented.
	PTI No. 258-07, FGFOUNDRYNORTH, Special Condition 2.3	Failure to maintain the fabric collector with an alarm that sounds when the pressure drop exceeds 5 inches of water. The furnace was operating while the baghouse was not operational.

Process Description	Rule/Permit Condition Violated	Comments
FGFOUNDRYSOUTH	PTI No. 258-07, FGFOUNDRYSOUTH, Special Condition 3.3	Failure to maintain the fabric collector with an alarm that sounds when the pressure drop exceeds 5 inches of water. The furnace was operating without capture to the baghouse.
FGFACILITY	PTI No. 258-07, FGFACILITY, Special Condition 4.4	Failure to take appropriate action procedures in accordance with the facility Malfunction Abatement Plan when the baghouse associated with FGFURNACENORTH malfunctioned.

During the inspection, AQD staff observed the operation of FGFOUNDRYNORTH while the baghouse was not operational and the ductwork between the fan and the stack was disconnected. Method 9 readings were conducted for fugitive emissions from a vent in the FGFOUNDRYNORTH building, which documented a 6-minute average opacity reading of 35 percent. Additionally, the induction melting furnace associated with FGFOUNDRYSOUTH was observed operating without capture for baghouse control.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by October 20, 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, Grand Rapids District, at 350 Ottawa Avenue NW, Unit 10, Grand Rapids, Michigan 49503 and submit a copy to Jenine Camilleri, Enforcement Unit Supervisor at EGLE, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760, as well as to April Wendling, Detroit District Supervisor at EGLE, AQD, Cadillac Place, 3058 West Grand Boulevard, Suite 2-300, Detroit, Michigan 48202.

If Metaltec Steel Abrasives Co. 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.

Martin Schendel  
Metaltec Steel Abrasives Co.  
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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,

A handwritten signature in cursive script that reads "Eric Grinstern".

Eric Grinstern  
Environmental Quality Specialist  
Air Quality Division  
616-558-0616

cc: Annette Switzer, EGLE  
Christopher Ethridge, EGLE  
Brad Myott, EGLE  
Jenine Camilleri, EGLE  
April Wendling, EGLE