



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
DETROIT



LIESL EICHLER CLARK
DIRECTOR

January 15, 2019

Mr. Walter D'Souza, Plant Manager
Bodycote Thermal Processing, Inc.
38100 Jay Kay Drive
Romulus, Michigan 48174

SRN: M4558, Wayne County

Dear Mr. D'Souza:

VIOLATION NOTICE

On December 14, 2018, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), conducted an inspection of Bodycote Thermal Processing, Inc. located at 38100 Jay Kay Drive, Romulus, Michigan. The purpose of the inspection was to evaluate Bodycote'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 General Permit to Install (PTI) 54-18.

As a result of the inspection, the following violation was identified:

Process Description	Rule/Permit Condition Violated	Comments
Heat treating (hardening) furnaces with oil quench	R 336.1201(1)	Installation of natural gas fired heat treating furnaces with oil quenching without obtaining a permit to install pursuant to R 336.1201(1).

Rule 201 Violations

R 336.1201(1) (Rule 201) is defined as follows.

Rule 201. (1) Except as allowed in R 336.1202, R 336.1277 to R 336.1291, or R 336.2823(15) a person shall not install, construct, reconstruct, relocate, or modify any process or process equipment, including control equipment pertaining thereto, which may emit any of the following, unless a permit to install that authorizes such action is issued by the department.

- (a) Any air pollutant regulated by title I of the clean air act and its associated rules, including 40 C.F.R. §51.165 and §51.166, adopted by reference in R 336.1902.
- (b) Any air contaminant.

During the inspection, it was noted that Bodycote has installed three natural gas fired hardening furnaces with integral oil quench for heat treating automotive parts.

In order to use a PTI exemption, a demonstration fulfilling the criteria in Rule 336.1278a is required. Rule 336.1278a is defined as follows.

- Rule 278a. (1) To be eligible for a specific exemption listed in R 336.1280 to R 336.1291, any owner or operator of an exempt process or exempt process equipment must be able to provide information demonstrating the applicability of the exemption. The demonstration may include the following information:
- (a) A description of the exempt process or process equipment, including the date of installation.
 - (b) The specific exemption being used by the process or process equipment.
 - (c) An analysis demonstrating that R 336.1278 does not apply to the process or process equipment.

This demonstration was not provided during the inspection. Additionally, based on the information AQD obtained during the inspection, it appears that the heat treating equipment is in violation of R 336.1201 as a PTI exemption does not apply.

Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by February 5, 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. A program for compliance may include a completed PTI application for the above listed process and associated equipment. An application form is available by request, or at the following website: www.michigan.gov/deqair (in the shaded box on the upper right hand side of the page)

Be advised that Rule 201 requires that a permit be obtained prior to installation, construction, operation, reconstruction, relocation, or alteration of any process or process equipment which may be a source of an air contaminant.

Please submit the written response to the DEQ, 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 the DEQ, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

If Bodycote believes the above observations or statements are inaccurate or do not constitute a violation of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Mr. Walter D'Souza

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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,

A handwritten signature in cursive script that reads "Katie Koster".

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

cc: Mr. Ahmad Hammoud, Bodycote
Ms. Mary Ann Dolehanty, DEQ
Dr. Eduardo Olaguer, DEQ
Mr. Christopher Ethridge, DEQ
Ms. Jenine Camilleri, DEQ
Ms. Wilhemina McLemore, DEQ
Mr. Jeff Korniski, DEQ