

DEPARTMENT OF ENVIRONMENTAL QUALITY
 AIR QUALITY DIVISION
 ACTIVITY REPORT: Site Review

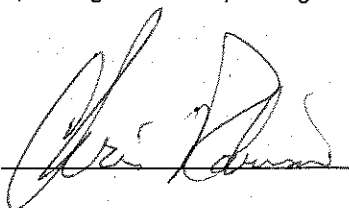
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FACILITY: INDUSTRIAL METAL CLEANING		SRN / ID: N5995
LOCATION: 1165 N GATEWAY BLVD, MUSKEGON		DISTRICT: Grand Rapids
CITY: MUSKEGON		COUNTY: MUSKEGON
CONTACT: Jason Meekhof , Production Supervisor		ACTIVITY DATE: 11/02/2017
STAFF: Chris Robinson	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Review of burn-off oven afterburner temperatures		
RESOLVED COMPLAINTS:		

AQD staff Chris Robinson (CR) met with Mr. Jason Meekhof, production supervisor of Industrial Metal Cleaning Corp. (IMCC), to review afterburner temperatures for all five (5) of the facility's ovens. The facility received a violation letter on March 7, 2017 (resolved 3/16/17) for not properly maintaining an afterburner temperature of 1,400F. Mr. Meekhof and CR inspected the oven area, which looked clean. All five (5) ovens were operating with the following temperatures:

Oven ID	Main Chamber Temperature (F)	Afterburner Temperature (F)
B01	791	1,480
B02	469	1,174
B03	795	1,375
B04	703	1,454
B05	796	1,440

Mr. Meekhof and CR discussed the ovens with the operator, Jennifer. Per Jenifer, the afterburner temperatures for B02 and B03 were below 1,400F because the ovens were recently loaded and had not yet reached operating temperature. Follow-up discussions with Mr. Ed Dombrowski, president, indicated burn-off loads for all ovens are changed out while the main combustion chamber and afterburner are operating. Temperature dips occur because the oven doors are opened, introducing fresh room temperature air. CR contacted the manufacturer (Pollution control Products Co.) on 12/1/2017 and spoke to Mr. Roland Sanchez, sales and service manager who indicated that the ovens need to go through a complete start-up and cool-down procedure for every load. Opening the doors while the main chamber and afterburner are operating is not recommended and unsafe. Mr. Jason Meekhoff contacted CR on 12/6/2017 and discussed proper operation. Per this discussion, the oven afterburners could not get over 1,300F without assistance from the main oven. CR informed Mr. Meekhoff that Mr. Roland Sanchez from the Manufacturer indicated that one of the most common question they receive is related to afterburner temperatures not able to reach 1,400F and that this is usually caused by door seal failures. Mr. Meekhoff will be contacting the manufacturer and inspecting the ovens for leaks and/or seal failures. A violation for operating under 1,400degF and not operating the afterburner, or control device, properly will be issued.

NAME 

DATE 12/6/2017

SUPERVISOR 