

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

U4110058170806

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| FACILITY: Midwest Plating Plant No. 2 | | SRN / ID: U41100581 |
| LOCATION: 738 Lafayette, Grand Rapids | | DISTRICT: Grand Rapids |
| CITY: Grand Rapids | | COUNTY: KENT |
| CONTACT: Brian Wortman , President | | ACTIVITY DATE: 01/30/2024 |
| STAFF: April Lazzaro | COMPLIANCE STATUS: Compliance | SOURCE CLASS: |
| SUBJECT: Unannounced, self initiated inspection. | | |
| RESOLVED COMPLAINTS: | | |

Air Quality Division (AQD) staff, April Lazzaro and Laura Martin arrived to conduct an unannounced, self-initiated inspection at the facility and met with Brian Wortman, President. Upon arrival, no odors or visible emissions were observed.

FACILITY DESCRIPTION

This facility operates one zinc phosphating line to coat metal parts. Zinc phosphating is used to create a stronger higher quality matte finish coating on the parts and is not considered electroplating as it does not use an electrical current to deposit the zinc on the metal.

Mr. Wortman confirmed that there have been no changes to the materials used at the facility, or to the tank sizes since the previous AQD inspection which found that the line is exempt pursuant to Rule 290 based on a one-time demonstration. Plating tank emissions are static due to the calculations being based on tank size and surface area. The calculations that were previously conducted for the facility appear acceptable. The emissions were calculated to be approximately 33 pounds per year of hydrochloric acid from the plating tanks.

It is also noted that the tanks and the plating line are not vented externally, and as such the line would also be considered exempt pursuant to Rule 285(2)(r).

The applicability of 40 CFR Part 63, Subpart W for the Plating and Polishing National Emission Standard for Hazardous Air Pollutants (NESHAP) was not evaluated as the State of Michigan does not have delegated authority for these rules.

SUMMARY

Based on the physical inspection of the facility it appears the facility was in compliance at the time of the inspection.

NAME April Lazzaro

DATE 02/13/2024

SUPERVISOR 