

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

B519468886

FACILITY: QUALITY PLATING CO		SRN / ID: B5194
LOCATION: 2712 McILWRAITH STREET, MUSKEGON HTS		DISTRICT: Grand Rapids
CITY: MUSKEGON HTS		COUNTY: MUSKEGON
CONTACT: Scott Werschem , President		ACTIVITY DATE: 08/09/2023
STAFF: Scott Evans	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Follow up to previous inspection to assess compliance with current rules after it was discovered old iterations of chrome NESHAP were referenced for compliance.		
RESOLVED COMPLAINTS:		

On August 9, 2023, a site visit was conducted by State of Michigan Department of Environment, Great Lakes, and Energy Air Quality Division staff member Scott Evans (SE) at the Quality Plating facility located at 2712 McIlwraith St. in Muskegon, Michigan, to correct an error that was discovered in the previous inspection report. It was discovered that outdated versions of the Chrome National Emissions Standard for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63 Subpart N, were used to assess the surface tension of chroming tanks. The current NESHAP requirement is that surface tension should be 40 dynes while the old standard of 45 dynes was referenced.

During the previous inspection, the facility had been determined to be within compliance by providing records that demonstrated the surface tension reading at a maximum of 46 dynes on one incident and between 40 and 45 dynes at all other readings. While this was determined to be acceptably compliant at the time, it is not compliant by the current standard of 40 dynes.

On the date of the site visit, SE approached facility staff to discuss this issue. After discussion, it was confirmed that the facility had already taken steps to reduce surface tension of applicable tanks in the name of better practices in light of the current trend of tightening restrictions. Facility staff expressed that current practices were to try to keep tanks at or below 35 dynes. Records demonstrating these practices were requested and provided by the facility on August 10, 2023, electronically. Review of these documents, which are included with this report, demonstrate that the two most recent readings of the tanks were at 28 dynes and 36 dynes. Both readings are well within current requirements. The facility was advised to maintain this standard of operation.

At this time, the facility appears to be compliant with current air quality rules and regulations.

NAME Scott Evans DATE 9/7/2023 SUPERVISOR HH