



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

Air Quality Division

Notification of Construction/Reconstruction Report

This information is required by Article II, Part 55 (Air Pollution Control) of P.A. 451 of 1994, as amended, and the Federal Clean Air Act of 1990. Failure to provide this information may result in penalties and/or imprisonment.

Applicable Rule: 40 CFR Part 63, Subpart N--National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks.

Note: All affected facilities must complete and submit this report to the Michigan Department of Environment, Great Lakes, and Energy prior to the construction or reconstruction of chromium electroplating or chromium anodizing tanks. Please complete and send to the appropriate district office.

Plant Information

1. Complete this section for each plant in which a chromium electroplating and/or chromium anodizing tank is being constructed or reconstructed.

Owner/Operator Name and Title: _____

Plant Name: _____

Street Address: _____

City: _____ State: _____ ZIP Code: _____

Plant Contact Name and Title: _____

Plant Phone with Area Code: _____

Plant Street Address (If different than Owner/Operators):

City: _____ State: _____ ZIP Code: _____

State Registration Number (SRN) If Known: _____

Tank Information

2. Complete this section for each tank for which construction or reconstruction is planned. If additional space is needed, make copies of this page.

Tank ID #	Type of Tank	Expected Beginning Date for Construction/ Reconstruction	Expected Completion Date for Construction/ Reconstruction	Anticipated Startup Date	Type of Control Technique to be Used ¹	Control System ID #	Estimated Total Chromium Emissions After Control ²

1 Attach design information from vendor, including design drawings and design capacity.

2 Attach engineering calculations to support estimate. These calculations may be from the vendor. Emissions estimates should be expressed in units consistent with the emission limits in the regulation.

Example Response:

Tank ID #	Type of Tank	Expected Beginning Date for Construction/ Reconstruction	Expected Completion Date for Construction/ Reconstruction	Anticipated Startup Date	Type of Control Technique to be Used ¹	Control System ID #	Estimated Total Chromium Emissions After Control ²
1	Hard chrome plating	10/94	1/95	1/95	Composite mesh-pad system	5	0.01mg/dscm
2	Decorative chrome plating	2/95	6/95	6/95	Wetting-agent fume suppressant	Stalag-mometer	Will meet 45 dynes/cm

Additional Information

3. This form is being completed because a chromium electroplating and/or chromium anodizing tank is being: Constructed Reconstructed
4. After construction/reconstruction occurs, tanks will be located at a facility which is a:
 Major Source (emits greater than 10 tons per year of any one hazardous air pollutant [HAP] or 25 tons per year of multiple HAPs).
 Area Source (all sources which are not Major Sources)

NOTE: The major/area source determination is based on all HAP emission points inside the facility fenceline, not just the chromium electroplating and anodizing tanks.

5. If hard chromium electroplating tanks are being operated, check all boxes that apply. The maximum cumulative potential rectifier capacity of the hard chromium electroplating tanks (**Total installed Rectifier Capacity [amperes] X 8400 Hrs/Yr X .70 for Each Tank**) is:
 Greater than or equal to 60 million amp-hr/yr.
 Records to show the previous 12-month cumulative current usage for hard chromium electroplating tanks was **less than** 60 million amp-hr.
 The facility wishes to accept a federally enforceable limit of less than 60 million amp-hr/yr on the maximum cumulative potential rectifier capacity of the hard chromium electroplating tanks.
 Less than 60 million amp-hr/yr.
6. Attach a brief description of the proposed emission control technique(s), including design drawings, design capacity, and emissions estimates with supporting calculations.
7. If reconstruction is to occur, attach a brief description of the source and the components to be replaced.
8. Complete the following if reconstruction is to occur and the facility believes that there are economic or technical limitations to prevent the facility from complying with all relevant standards or requirements.
- A. Attach a discussion of any economic or technical **limitations of complying** with the relevant standards or requirements. The discussion must be sufficiently detailed to demonstrate how these limitations will affect the facility's **ability to comply**.
- B. Provide an estimate of the fixed capital cost of the replacements and of constructing an entirely comparable new source:
Replacements \$: _____
New source \$: _____
- C. Provide the estimated life of the source after the replacements: _____

NOTE: The **Notification of Construction/Reconstruction Report** does not replace the Permit to Install requirement identified in Rule 201 of the Michigan Administrative Rules for Air Pollution Control. Permits to Install are to be obtained prior to a facility installing, constructing, reconstructing, relocating, or modifying any process or process equipment, including control equipment, that emits air contaminants. The purpose of the permit requirements is to ensure that new or modified sources of air contaminants will operate in compliance with all applicable state and federal requirements.

Certification

9. Print or type the name and title of the Responsible Official for the plant:

Name: _____

Title: _____

A Responsible Official can be:

- The president, vice-president, secretary, or treasurer of the company who owns the plant;
- The owner of the plant;
- The plant engineer or supervisor;
- A government official if the plant is owned by the Federal, State, City, or County government; or
- A ranking military officer if the plant is located on a military base.

I certify the information contained in this report to be accurate and true to the best of my knowledge.

Signature of Responsible Official

Date

People with disabilities may request this material in an alternate format by emailing EGLE-Accessibility@Michigan.gov or calling 800-662-9278.

EGLE does not discriminate on the basis of race, sex, religion, age, national origin, color, marital status, disability, political beliefs, height, weight, genetic information, or sexual orientation in the administration of any of its programs or activities, and prohibits intimidation and retaliation, as required by applicable laws and regulations.

This form and its contents are subject to the Freedom of Information Act and may be released to the public.