



Due as soon as practical before construction or reconstruction is planned to begin

- 1) AQ Facility ID No.: _____ Leave blank if you do not have this number.
- 2) AQ File No.: _____ Leave blank if you do not have this number
- 3) Facility Name: _____
- 4) Physical location of source (tank(s))
Street Address: _____

City: _____ County: _____ State: _____ Zip: _____
- 5) Owner/operator's name and address
Name _____
Title _____
Mailing Address (If different from 4): _____

City: _____ County: _____ State: _____ Zip: _____
- 6) Contact Person: _____ Title: _____
Telephone: () _____ Fax: () _____
- 7) This form is being completed because (check box(es) that apply):
☐ A chromium electroplating and/or chromium anodizing tank is being constructed.
☐ A chromium electroplating and/or chromium anodizing tank is being reconstructed.

8) Complete the following table for each tank for which construction or reconstruction is planned. If additional lines are needed, make copies of this page.

Tank ID#	Type of tank	Expected beginning date for construction or reconstruction	Expected completion date for construction or reconstruction	Anticipated startup date	Type of control technique to be used ¹	Control System ID#	Estimated total chromium emissions after control is applied ²
1	Hard Chrome Plating	10/95	1/96	1/96	Composite mesh-pad system	5	0.01 mg/dscm

¹Attach design information from vendor, including design drawings and design capacity. (see Question 11)

²Attach 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.

Legend:

mg/dscm = milligrams per dry standard cubic meter

9) Check the box that will apply after construction/reconstruction occurs.

- ☐ Tanks are located at a facility that is a major source.
☐ Tanks are located at a facility that is an area source.

A major source is a facility that emits greater than 10 tons per year of any one hazardous air pollutant (HAP) or 25 tons per year of multiple HAPs. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line, not just the chromium electroplating and anodizing tanks.

10) Complete the following if hard chromium electroplating tanks are being constructed/reconstructed. Check the box(es) that apply.

- ☐ The maximum cumulative potential rectifier capacity of the hard chromium electroplating tanks is greater than or equal to 60 million ampere-hours per year (amp-hr/yr). This was determined by taking the sum of the total installed rectifier capacity (amperes) multiplied by 8,400 hours per year (hr/yr). and by 0.7 for each tank.

- ☐ The maximum cumulative potential rectifier capacity of the hard chromium electroplating tanks is less than 60 million amp-hr/yr. This was determined by taking the sum of the total installed rectifier capacity (amperes) multiplied by 8,400 hr/yr. and by 0.7 for each tank.
- ☐ Records show that the facility's previous 12-month cumulative current usage for the hard chromium electroplating tanks was less than 60 million amp-hr/yr.
- ☐ 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.

11) Attach a brief description of the proposed emission control technique(s), including design drawing, design capacity, and emissions estimates with supporting calculations.

12) If reconstruction is to occur, attach a brief description of the source and the components to be replaced.

- 13) 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 a comparable entirely new source: Replacements \$_____; New source \$ _____.
- C. Provide the estimated life of the source after the replacements: _____

14) 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 that 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, or
- A duly authorized representative of the above.

I have completed this form because 40 CFR Part 63, Subpart N--National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks applies to a tank or tanks at this facility. I certify the information contained in this report to be accurate and true to the best of my knowledge.

Signature of Responsible Official

Date

Submit completed report to:

Air Quality Compliance Tracking Coordinator Minnesota Pollution Control Agency 520 Lafayette Road St. Paul, Minnesota 55155-4194	George Czerniak AE-17J U.S. EPA Region 5 77 West Jackson Boulevard Chicago, IL 60604-3507
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For help, call:

For businesses with 100 or fewer employees:

Small Business Assistance Program

Metro: (651)282-6143 / Statewide: (800) 657-3938

For other facilities:

MPCA Customer Assistance Center

Metro: (651) 297-2274 / Statewide: (800) 646-6247