



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

Air Quality Division

**Initial Notification Report**

**NESHAP: Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks**

40 CFR Part 63, Subpart N

Required by 1994 PA 451, as amended, and the Federal Clean Air Act of 1990.  
Failure to provide this information may result in penalties and/or imprisonment.

**NOTE:** All affected facilities are required to complete and submit this report to the Michigan Department of Environment, Great Lakes and Energy to the appropriate Air Quality Division District Office (see Attachment A).

**Plant Information**

1. Complete this section for each plant in which wood furniture manufacturing operations are performed.

Owner/Operator Contact Name and Title: \_\_\_\_\_

Owner Phone: \_\_\_\_\_

Owner Mailing Address (if different than company): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Owner/Operator Email: \_\_\_\_\_

Facility Name (if different than company): \_\_\_\_\_

Facility Phone: \_\_\_\_\_

Facility Address (if different than company): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

State Registration Number (SRN) if known: \_\_\_\_\_

## Affected Tanks Using Chromic Acid Bath

2. Complete this section for all affected tanks using a chromic acid bath. If only trivalent chromium baths are used at the facility, go to section 3. If additional space is needed, make copies of this page.

Tank ID #	Type of Tank	Startup Date 1	Total Installed Rectifier Capacity (Amperes)	Description of Parts Plated	Applicable Emission Limit	Compliance Date 2

- 1 New or reconstructed tanks with an initial startup date after 01/25/1995 must submit a **Notification of Construction/ Reconstruction Report** and notify the Michigan Department of Environment, Great Lakes, and Energy of the date construction/reconstruction commenced and the actual startup date in accordance with 40 CFR 63.347 (c) (2).

2

Existing tanks for which operation commenced on or before 12/16/93	Compliance Dates	New tanks for which construction or reconstruction commenced after 12/16/93	Compliance Dates
Hard Chromium Plating	1/25/97	If Initial Startup Occurred Between 12/16/93 & 1/25/95	1/25/95
Decorative Chromium Plating	1/25/96	If Initial Startup Occurred After 1/25/95	Upon Startup
Chromium Anodizing	1/25/97	-	-

Example Response:

Tank ID #	Type of Tank	Startup Date <b>1</b>	Total Installed Rectifier Capacity (Amperes)	Description of Parts Plated	Applicable Emission Limit	Compliance Date <b>2</b>
10	Chrome anodizing	1/1/85	5,000	-	45 dynes/cm or 0.01 mg/dscm	1/25/97
23	Hard chrome	1/1/85	10,000	-	0.015 mg/dscm	1/25/97
24	Hard chrome	1/1/95	12,000	-	0.015 mg/dscm	1/25/95
25	Hard chrome	3/1/95	12,000	-	0.015 mg/dscm	3/1/95

A. 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 HAP's.
- 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 fence line, not just the chromium electroplating and anodizing tanks.

B. 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 Hours/Yr X .70 for Each Tank)** is:

- Greater than or equal to 60 million amp-hr/hr.
- Less than 60 million amp-hr/yr.
- 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.
- 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.

## Decorative Chromium Electroplating Tanks Using Trivalent Chromium Bath

3. **Complete this section for all decorative chromium electroplating tanks using a trivalent chromium bath.** If only chromic acid baths are used at the facility, go to section 4. If additional space is needed, make copies of this page.

Tank ID #	Startup Date <sup>1</sup>	Description of Parts Plated	Compliance Date <sup>2</sup>

<sup>1</sup> New or reconstructed tanks with an initial startup date after 1/25/95 must submit a **Notification of Construction/ Reconstruction Report** and notify the Michigan Department of Environment, Great Lakes, and Energy of the date construction/reconstruction commenced and the actual startup date in accordance with 40 CFR 63.347 (c) (2).

**2**

EXISTING TANKS FOR WHICH OPERATION COMMENCED ON OR BEFORE 12/16/93	COMPLIANCE DATES	NEW TANKS FOR WHICH CONSTRUCTION OR RECONSTRUCTION COMMENCED AFTER 12/16/93	COMPLIANCE DATES
-	1/25/97	If Initial Startup Occurred Between 12/16/93 & 1/25/95	1/25/95
-	-	If Initial Startup Occurred After 1/25/95	Upon Startup

- A. Provide a brief description of the trivalent chromium electroplating process used at your facility. Attach process flow diagrams for each plating line.

B. Check the box that applies.

- The trivalent process used at the facility incorporates a wetting agent.
- The trivalent process used at the facility does not incorporate a wetting agent.

C. List below (or attach a list of) the trivalent chromium bath components and clearly identify the wetting agent.

### Certification

I certify that the statements and information in this report are true, accurate, and complete.

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Signature of "Responsible Official\*" \_\_\_\_\_ Date \_\_\_\_\_

Name of "Responsible Official\*": \_\_\_\_\_

Title of "Responsible Official\*": \_\_\_\_\_

- \*A "Responsible Official" can be:
- The president, vice-president, secretary, or treasurer of the company who owns the facility.
  - The owner of the facility.
  - The facility engineer or supervisor.
  - A government official if the plant is owned by the federal, state city or county government.
  - A ranking military officer if the plant is located on a military base.

Please make a copy of this Initial Notification Report and submit **the original signed copy** by United States mail, fax, or by another courier to the appropriate Air Quality Division district office (see Attachment A).

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

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

**Attachment A – Air Quality Division District Office Contact Information**

<b>District</b>	<b>Contact Information</b>
<b>Bay City District</b>	<p>401 Ketchum Street, Suite B Bay City, MI 48708-5430</p> <p>Contact: 989-798-0782 or 989-439-2282</p> <p><i>Counties: Arenac, Bay, Clare, Gladwin, Huron, Iosco, Isabella, Midland, Ogemaw, Saginaw, Sanilac, and Tuscola</i></p>
<b>Cadillac District</b>	<p>120 West Chapin Street Cadillac, MI 49601-2158</p> <p>Contact: 989-798-0872 or 231-492-5954</p> <p><i>Counties: Benzie, Grand Traverse, Kalkaska, Lake, Leelanau, Manistee, Mason, Missaukee, Osceola, and Wexford</i></p>
<b>Detroit District</b>	<p>Cadillac Place, Suite 2-300 3058 West Grand Blvd. Detroit, MI 48202-6058</p> <p>Contact: 313-456-4681</p> <p><i>Counties: Wayne</i></p>
<b>Gaylord District</b>	<p>2100 West M-32, Gaylord, MI 49735-9282</p> <p>Contact: 989-798-0872, or 231-492-5954</p> <p><i>Counties: Alcona, Alpena, Antrim, Charlevoix, Cheboygan, Crawford, Emmet, Montmorency, Oscoda, Otsego, Presque Isle, and Roscommon</i></p>
<b>Grand Rapids District</b>	<p>350 Ottawa Avenue NW, Unit 10 Grand Rapids, MI 49503-2316</p> <p>Contact: 616-356-0500 (Receptionist), 616-279-8021 or 616-540-1136</p> <p><i>Counties: Barry, Ionia, Kent, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa</i></p>
<b>Jackson District</b>	<p>State Office Building, 4th Floor 301 East Louis Glick Highway Jackson, MI 49201-1535</p> <p>Contact: 517-513-9638, 517-416-5992 or 517-416-4631</p> <p><i>Counties: Hillsdale, Jackson, Lenawee, Monroe, and Washtenaw</i></p>

District	Contact Information
<b>Kalamazoo District</b>	<p>7953 Adobe Road, Kalamazoo, MI 49009-5026</p> <p>Contact: 269-243-0954 or 269-312-2535</p> <p><i>Counties: Allegan, Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph, and Van Buren</i></p>
<b>Lansing District</b>	<p>P.O. Box 30242 Lansing, MI 48909-7742</p> <p>Contact: 517-294-9288 or 517-275-0439</p> <p><i>Counties: Clinton, Eaton, Genesee, Gratiot, Ingham, Lapeer, Livingston, and Shiawassee</i></p>
<b>Marquette District</b>	<p>1504 West Washington Street Marquette, MI 49855-3118</p> <p>Contact: 906-241-0086 or 906-202-0013</p> <p><i>Counties: All counties in the Upper Peninsula</i></p>
<b>Warren District</b>	<p>27700 Donald Court, Warren, MI 48092-2793</p> <p>Contact: 586-412-6145 or 586-606-2572</p> <p><i>Counties: Macomb, Oakland, and St. Clair</i></p>