



**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).

***Please print or type all information.***

<b>1. Complete this section for each plant in which wood furniture manufacturing operations are performed.</b>			
Owner/Operator Contact Name and Title		Owner Telephone Area Code & Number	
Owner Mailing Address (If different than company)	City	State	Zip Code
Owner/Operator E-Mail Address			

Facility Name (if different than company)		Facility Telephone Area Code & Number	
Facility Address (If different than company)	City	State	Zip Code
State Registration Number (SRN) (If known)			

<b>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.</b>						
Tank ID #	Type of Tank	Startup Date <sup>1</sup>	Total Installed Rectifier Capacity (Amperes)	Description of Parts Plated	Applicable Emission Limit	Compliance Date <sup>2</sup>

<sup>1</sup> 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).

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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 plating	1/1/85	10,000		0.015 mg/dscm	1/25/97
24	Hard chrome plating	1/1/95	12,000		0.015 mg/dscm	1/25/95
25	Hard chrome plating	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.

**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

<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.

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

Signature of "Responsible Official"	Date
Printed Name of "Responsible Official"	Title

\*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).

For information or assistance on this publication, please contact the Air Quality Division, through EGLE Environmental Assistance Center at 800-662-9278. This publication is available in alternative formats upon request.

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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

**Bay City District**

(Central East Michigan)  
401 Ketchum Street, Suite B  
Bay City, MI 48708-5430  
989-894-6200 Fax: 989-891-9237

*Counties: Arenac, Bay, Clare, Gladwin, Huron, Iosco, Isabella, Midland, Ogemaw, Saginaw, Sanilac, and Tuscola*

**Cadillac District**

(Northwest Lower Peninsula)  
120 West Chapin Street  
Cadillac, MI 49601-2158  
231-775-3960 Fax: 231-775-4050

*Counties: Benzie, Grand Traverse, Kalkaska, Lake, Leelanau, Manistee, Mason, Missaukee, Osceola, and Wexford*

**Detroit District**

(Wayne County)  
Cadillac Place  
3058 West Grand Boulevard, Suite 2-300  
Detroit, MI 48202-6058  
313-456-4700 Fax: 313-456-4692

*County: Wayne*

**Gaylord District**

(Northeast Lower Peninsula)  
2100 West M-32  
Gaylord, MI 49735-9282  
989-731-4920 Fax: 989-731-6181

*Counties: Alcona, Alpena, Antrim, Charlevoix, Cheboygan, Crawford, Emmet, Montmorency, Oscoda, Otsego, Presque Isle, and Roscommon*

**Grand Rapids District**

(Central West Michigan)  
350 Ottawa Avenue NW, Unit 10  
Grand Rapids, MI 49503-2316  
616-356-0500 Fax: 616-356-0201

*Counties: Barry, Ionia, Kent, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa*

**Jackson District**

(South Central Michigan)  
State Office Building, 4th Floor  
301 East Louis Glick Highway  
Jackson, MI 49201-1535  
517-780-7690 Fax: 517-780-7855

*Counties: Hillsdale, Jackson, Lenawee, Monroe, and Washtenaw*

**Kalamazoo District**

(Southwest Michigan)  
7953 Adobe Road  
Kalamazoo, MI 49009-5026  
269-567-3500 Fax: 269-567-3555

*Counties: Allegan, Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph, and Van Buren*

**Lansing District**

(Central Michigan)  
P.O. Box 30242  
Lansing, MI 48909-7742  
517-284-6651 Fax: 517-241-3571

*Counties: Clinton, Eaton, Genesee, Gratiot, Ingham, Lapeer, Livingston, and Shiawassee*

**Marquette District**

(Entire Upper Peninsula)  
1504 West Washington Street  
Marquette, MI 49855-3118  
906-228-4853 Fax: 906-228-4940

*Counties: All counties in the Upper Peninsula*

**Warren District**

(Southeast Michigan)  
27700 Donald Court  
Warren, MI 48092-2793  
586-753-3700 Fax: 586-753-3731

*Counties: Macomb, Oakland, and St. Clair*