

Area Source Rule 6W Summary



SIC Code: 3471

NAICS Code: 332813

To Whom Does This Rule Apply?

Facilities that are area sources of hazardous pollutants (HAP) with tanks and/or processes that contain or use any compounds of cadmium (Cd), chromium (Cr), manganese (Mn), nickel (Ni) or lead (Pb), in the following processes: Non-cyanide electroplating and electroforming and electro-polishing. [Elemental lead is excluded.] The most common processes that will need to comply with this rule are:

- Cadmium electroplating
- Chromate conversion coating
- Electroforming
- Electropolishing
- Lead electroplating
- Manganese phosphating
- Mechanical polishing of metals
- Nickel acetate sealing
- Nickel electroless plating
- Nickel electroplating
- Sodium dichromate sealing
- Thermal metal spraying
- Tin/lead electroplating

The rule does not apply to the following:

- Processes that are subject to the Chromium MACT standard ([40 CFR part 63, subpart N](#)).

- Processes that use cadmium, chromium, lead, and nickel in concentrations of less than 0.1% by weight and manganese in concentrations of less than 1.0% by weight.
 - Processes that use metals other than cadmium, chromium, lead, manganese, and nickel.
 - Tanks used strictly for educational purposes.
 - Thermal spraying processes used to repair surfaces.
 - Dry mechanical polishing on a surface prior to plating.
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Regulatory Information and Factsheets

- [EPA- Rule 6W- Subpart WWWWWW—National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations](#)
 - [EPA- Brief Summary New EPA Regulations for Plating and Polishing Facilities 40 CFR Part63 Subpart WWWWWW Update January 2009](#)
 - [EPA- Rule 6W- Plating and Polishing Operations - National Emission Standards for Hazardous Air Pollutants \(NESHAP\) for Area Sources](#)
 - EPA Brochure -[Summary of Rule 6W- Regulations Controlling Air Emissions from PLATING AND POLISHING OPERATION June 2009](#)
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Required Forms

[Combined Initial Notification/Compliance Status Notification Form](#) -See under Implementation information.

- [Initial notification form](#)
 - [Notification of Compliance status](#)
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Helpful Tools & Resources

- EPA - [National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations](#)
 - [National Metal Finishing Resource Center](#)-The NMFRC provides the metal finishing industry with environmental compliance information.
 - [National Association of Surface Finishing Training Foundation- Electroplating and Surface Finishing Courses](#)
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- [Ohio Association of Metal Finishers](#)-The Ohio Association of Metal Finishers is an organization that is aggressively promoting and serving the interests of the Metal Finishing Industry.
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Georgia & Regional Trade Associations

- [National Association for Surface Finishing](#)
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Other

For information about upcoming events related to plating and polishing, please see SBEAP homepage scrolling calendar at www.gasmallbiz.org