

Rule N Summary



SIC Code: 3471

NAICS Code: 332813

To Whom Does This Rule Apply?

All facilities that perform hard chromium electroplating, decorative chromium electroplating, or chromium anodizing. The particular pieces of equipment that are subject to the rule are chromium electroplating tanks and chromium anodizing tanks.

The rule does not apply to the following:

- Plating of any other metal than chromium.
- Grinding and polishing done before or after plating.
- Rinse tanks, etching tanks, and cleaning tanks and any other process tanks that are used in a line that does chromium electroplating or chromium anodizing process, but in which neither chromium electroplating nor chromium anodizing is taking place.
- Chrome conversion coating in which no electrical current is applied, and any other tanks that contain a chromium solution, in which no electrical current is applied.
- The U.S. Environmental Protection Agency (U.S. EPA) issued the National Emission Standards for Hazardous Air Pollutants for the Decorative and Hard Chromium Electroplating and Chromic Acid Anodizing. The original Chromium NESHAP was issued on January 25, 1995.
- Processes that use metal with less than 0.1% chromium trioxide, chromium (VI) oxide, chromic acid, or chromic anhydride are not subject.

The additional requirements in the September 15, 2012 Chromium NESHAP included

- Housekeeping requirements
 - Revised emission limits and surface tension limits.
 - A ban on the use of PFOS-based fume suppressants.
 - Modified and additional monitoring, recordkeeping and reporting requirements.
 - Revisions to previous provisions related to emissions during periods of malfunction.
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Regulatory Information and Factsheets

- EPA- [Rule and Implementation Information for Chromium Electroplating](#)
 - EPA- [CHROMIUM ELECTROPLATING AND ANODIZING: OPERATION AND MAINTENANCE PLAN FACTSHEET](#)
 - EPA- [A Guidebook on How to Comply with the Chromium Electroplating and Anodizing National Emission Standards for Hazardous Air Pollutants \(EPA-453/B-95-001\)](#)
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Helpful Tools & Resources

- [National Metal Refinishing Resource Center \(NMRC\) Chromium Electroplating and Anodizing NESHAP](#)
 - [NMFRC Fact Sheet](#): Final National Emission Standards for Hazardous Air Pollutants (NESHAP) 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](#)
 - EPA- [Chromium Compounds: National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources](#)
 - [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.
 - [Texas Commission on Environmental Quality \(State of Texas\)](#)
 - [Chrome MACT - Requirements Reference Tables](#)
 - [Chrome MACT - Applicability Flow Chart](#)
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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