

## 40 CFR Part 63.340

# Chromium Electroplating and Anodizing Processes: New York State Air Permits

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The Federal National Emission Standard for Hazardous Air Pollutants (NESHAP) affects all facilities that use chromium electroplating or anodizing tanks, regardless of size. What your facility must do to comply with the NESHAP depends on the size of your operation and what type of process you use (hard, decorative, or anodizing).

**This fact sheet provides a general overview of the New York State Air Emissions Permits that chromium electroplating and anodizing operations are required to obtain.** Additional technical information is available by calling the Small Business Assistance Program (SBAP) at the toll-free number below for free and confidential help. Several fact sheets are available that describe the technical requirements of the NESHAP.

### Permitting

In addition to the technical requirements of the NESHAP, the New York State Department of Environmental Conservation (DEC) requires chromium electroplating and anodizing facilities to obtain Air Emissions Permits. DEC issues three types of air permits:

- Title V operating permits (for Major sources)
- State Facility Permits (for some Minor sources)
- Minor Facility Registrations (for some Minor sources)

Major facilities have the potential to emit 10 tons or more per year of an individual hazardous air pollutant (HAP) or 25 tons or more per year of HAPs in aggregate. Minor facilities have the potential to emit less than 10 tons per year of an individual hazardous air pollutant (HAP) or 25 tons per year of HAPs in aggregate.

When the NESHAP was first issued, it required that all chromium NESHAP facilities, including Minor sources, obtain a Title V operating permit. EPA subsequently decided to exempt Minor decorative chrome electroplaters and anodizers that use a fume suppressant, and to defer the other Minor sources from Title V permitting until 1999. At the end of the deferral period, EPA will decide whether the deferred facilities will be exempt, further deferred, or required to get a Title V operating permit. Most small business chromium electroplaters are Minor sources. The table on the back summarizes the permitting requirements for chromium NESHAP facilities. The information is arranged by facility type and by emission category (Major or Minor).

### Need more facts?

For technical assistance and for help with permitting, call the Small Business Assistance Program (SBAP) of the New York State Environmental Facilities Corporation  
(800) 780-7227

For information about regulations, compliance financing assistance, and assistance resolving regulatory difficulties, contact the Environmental Ombudsman Unit of Empire State Development  
(800) 782-8369

Both offer free and confidential assistance to small businesses.

The New York State  
Small Business  
Stationary Source  
Technical  
and  
Environmental  
Compliance  
Assistance  
Program

## New York State Air Permits for Chromium Electroplating and Anodizing Facilities

Facility Type	Major*	Minor*
Decorative chromium electroplaters and anodizers that use a fume suppressant or that use only a trivalent bath	Title V permit application must be submitted by 12/98. A Phase I application that gives identifying information and describes the compliance status of the facility must be submitted by 12/97. If the facility intends to accept an emissions cap to avoid being subject to Title V, the facility must notify DEC by 12/97.	Exempt from Title V. If operation commenced before 7/7/96, facility must submit Minor Facility Registration form. If operation commenced on or after 7/7/96, facility must submit a State Facility Permit application.
Decorative chromium electroplaters and anodizers that have add-on controls but that do not use a fume suppressant	Same as above.	Deferred from Title V. If operation commenced before 7/7/96, facility must submit Minor Facility Registration form. If operation commenced on or after 7/7/96, facility must submit a State Facility Permit application. DEC will notify sources if Title V is required in the future.

\* Major - Facility with the potential to emit 10 tons or more per year of an individual hazardous air pollutant (HAP) or 25 tons or more per year of HAPs in aggregate.

Minor - Facility with the potential to emit less than 10 tons per year of an individual hazardous air pollutant (HAP) or 25 tons per year of HAPs in aggregate. Also known in the NESHAP as "area" sources.