

National Categorical Pretreatment Standards: Information for Industrial Users

(rev. 1/29/08)

The U.S. Environmental Protection Agency (EPA) has implemented National Pretreatment Standards that require the District to control the discharge of pollutants from non-domestic sources to its treatment plant. As part of these regulations, EPA has identified specific operations that are subject to regulations known as National Categorical Pretreatment Standards (Categorical Standards). These Categorical Standards establish limits for pollutants discharged to the sanitary sewer. In addition to the Categorical Standard, all other local, state and federal pretreatment standards apply.

An industry subject to a Categorical Standard is required by federal regulations and District Code to do the following:

- Notify the District if the facility conducts or intends to conduct any operation subject to a Categorical Standard.
- Submit a Baseline Monitoring Report (BMR) to the District for the operations covered by the Categorical Standard.
- Obtain an Industrial User Permit from the District for the process subject to the Categorical Standard. This permit will require:
 - Sampling and analysis of the process discharge.
 - Periodic Compliance Reports.

District Source Control staff are available to help you determine whether your operations are subject to Categorical Standards. Please contact the District Source Control Section at 925-229-7288.

The following operations are subject to Categorical Standards:

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>SECTION</u>	<u>DESCRIPTION</u>
40 CFR 405	Dairy Products Processing	40 CFR 429	Timber Products Processing
40 CFR 406	Grain Mills	40 CFR 430	Pulp, Paper, and Paperboard
40 CFR 407	Canned and Preserved Fruits and Vegetables Processing	40 CFR 432	Meat and Poultry Products
40 CFR 408	Canned and Preserved Seafood Processing	40 CFR 433	Metal Finishing (see page 2 for process descriptions)
40 CFR 409	Sugar Processing	40 CFR 437	Centralized Waste Treatment
40 CFR 410	Textile Mills	40 CFR 439	Pharmaceutical Manufacturing
40 CFR 411	Cement Manufacturing	40 CFR 442	Transportation Equipment Cleaning
40 CFR 412	Concentrated Animal Feeding Operations	40 CFR 443	Paving and Roofing Materials
40 CFR 413	Electroplating	40 CFR 445	Landfills
40 CFR 414	Organic Chemicals, Plastics, and Synthetic Fibers	40 CFR 446	Paint Formulating
40 CFR 415	Inorganic Chemicals Manufacturing	40 CFR 447	Ink Formulating
40 CFR 417	Soap and Detergent Manufacturing	40 CFR 455	Pesticide Chemicals
40 CFR 418	Fertilizer Manufacturing	40 CFR 458	Carbon Black Manufacturing
40 CFR 419	Petroleum Refining	40 CFR 461	Battery Manufacturing
40 CFR 420	Iron and Steel Manufacturing	40 CFR 463	Plastics Molding and Forming
40 CFR 421	Nonferrous Metals Manufacturing	40 CFR 464	Metal Molding and Casting
40 CFR 423	Steam Electric Power Generating	40 CFR 465	Coil Coating
40 CFR 424	Ferroalloy Manufacturing	40 CFR 466	Porcelain Enameling
40 CFR 425	Leather Tanning and Finishing	40 CFR 467	Aluminum Forming
40 CFR 426	Glass Manufacturing	40 CFR 468	Copper Forming
40 CFR 427	Asbestos Manufacturing	40 CFR 469	Electrical and Electronic Components
40 CFR 428	Rubber Manufacturing	40 CFR 471	Nonferrous Metals Forming and Metal Powders

40 CFR 433 Metal Finishing Point Source Category

Description of Applicable Operations

If any of the following six operations are conducted at the facility, then the Metal Finishing Point Source Categorical Standard (40 CFR 433) applies to this facility:

1. Electroplating
2. Electroless Plating
3. Anodizing
4. Coating
5. Chemical Etching and Milling
6. Printed Circuit Board Manufacturing

If the facility is subject to the Metal Finishing Point Source Categorical Standard, discharges from any of the following ancillary operations are subject to this Categorical Discharge Limits:

- Cleaning
- Machining
- Grinding
- Polishing
- Tumbling
- Burnishing
- Impact Deformation
- Pressure Deformation
- Shearing
- Heat Treating
- Thermal Cutting
- Ultrasonic Machining
- Laminating
- Sputtering
- Thermal Infusion
- Solvent Degreasing
- Painting
- Electropainting
- Assembly
- Testing
- Welding
- Brazing
- Soldering
- Flame Spraying
- Sand Blasting
- Other Abrasive Jet Machining
- Electric Discharge Machining
- Electrochemical Machining
- Electron Beam Machining
- Laser Beam Machining
- Plasma Arc Machining
- Sintering
- Hot Dip Coating
- Vapor Plating
- Salt Bath Descaling
- Paint Stripping
- Electrostatic Painting
- Vacuum Metalizing
- Calibration
- Mechanical Plating