



INSTRUCTIONS FOR DEGREASER001

APCD Rule 23.F.10.a exempts from permit solvent cleaning operations and materials using cleaning agents certified by the SCAQMD as Clean Air Solvents. APCD Rule 23.F.10.b exempts from permit cleaning agents containing no more than 25 grams per liter of ROC as used or applied and no more than 5 percent by weight combined of methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, and chloroform. APCD Rule 23.F.10.c exempts from permit cold cleaners which use non-boiling organic solvent(s) with an initial boiling point (excluding water) greater than 150 °C (302 °F) and which have a liquid surface area of less than 1 square meter (10.8 square feet), at any stationary source where less than 1000 pounds of ROC are lost to the atmosphere from all such cold cleaners during every rolling period of 12 consecutive calendar months. APCD Rule 23.F.10.d exempts from permit cleaning activities, excluding coating, ink, adhesive, and polyester resin operations, where less than 200 pounds each of reactive organic compounds, methylene chloride, 1,1,1-trichloroethane, and perchloroethylene are lost to the atmosphere from all such activities at the stationary source during every rolling period of 12 consecutive calendar months. Emissions from activities exempted by subsections a, b, and c of Rule 23.F.10 are not included in this determination.

However, you should be aware that the above listed exemptions from permit do not exempt the equipment and operations from compliance with APCD Rules 74.6, Surface Cleaning and Degreasing; or 74.6.1, Batch Loaded Vapor Degreasers. Units using certain halogenated solvents are not exempt from the National Emission Standards for Halogenated Solvent Cleaning, 40 CFR Parts 9 and 63, Subpart T.

You must supply the District with information for all degreasing operations that require a permit. Form Degreaser001, must be completed to supply the District with the required information. Please make as many copies of this form as you need in order to complete a separate form for each degreaser you want to put on permit. Fill out each form completely. A Material Safety Data Sheet or other manufacturer's data must be submitted for each solvent, showing solvent composition, VOC content, density, and vapor pressure.

All Permits to Operate issued by the APCD include conditions that limit the operation of each piece of equipment on the permit. The conditions limit the operation of each piece of equipment over any twelve consecutive calendar months. The conditions are used to calculate the annual permitted emissions for each piece of equipment.

For a degreaser, the condition will limit the gallons per year of solvent used. If this limit is set too low, your ability to use the degreaser will be limited. If this limit is set too high, your annual permit renewal fees, which are based in large part on permitted emissions, may be too high. On the form, you are required to indicate the annual amount of solvent used and the type of solvent used that you want as a limit on your permit.



DEGREASING OPERATIONS

Please make copies of this form so that you can complete a separate form for each degreaser. Attach manufacturer's literature, if available, to this form. Attach Material Safety Data Sheet (MSDS) or other manufacturer's data that includes solvent composition, VOC content, density, and vapor pressure. Contact the District if you have any questions.

Degreaser Information

Equipment Type	<input type="checkbox"/> Cold Cleaner <input type="checkbox"/> Open Top Batch Loaded Vapor Degreaser <input type="checkbox"/> Airtight Enclosed Vapor Degreaser <input type="checkbox"/> Conveyorized Vapor Degreaser <input type="checkbox"/> Other
Degreaser Manufacturer	
Degreaser Model	
Degreaser Capacity	_____ Gallons
Degreaser Dimensions	Length _____ Specify Units <input type="checkbox"/> Feet Width _____ <input type="checkbox"/> Inches Height _____ <input type="checkbox"/> Meters
Interface Area -Air-solvent interface for cold cleaners -Air-vapor interface for vapor degreasers	_____ Specify Units <input type="checkbox"/> Square Feet <input type="checkbox"/> Square Inches <input type="checkbox"/> Square Meters
Freeboard Height -Distance from the interface to the top of the tank	_____ Specify Units <input type="checkbox"/> Feet <input type="checkbox"/> Inches <input type="checkbox"/> Meters
Freeboard Ratio -Distance from the interface to the top of the tank divided by the smaller of the length or width of the degreaser opening	_____
Control Equipment (Check all that apply)	<input type="checkbox"/> Refrigerated Chiller Refrigerant Temperature _____ <input type="checkbox"/> Carbon Adsorber Temperature: _____ <input type="checkbox"/> Condenser <input type="checkbox"/> Other (Specify) _____
Guaranteed Emission Limit (if any)	
Type of Heater (Vapor Degreaser Only)	<input type="checkbox"/> Natural Gas Burner Rating _____ BTU/hr <input type="checkbox"/> Electric Other (Specify) _____

Information on Solvent

Type of Solvent	
Annual Solvent Use -Amount purchased minus amount recycled or properly disposed	_____ Gallons