



**COMMON EQUIPMENT AND PROCESSES REQUIRING
A VENTURA COUNTY APCD PERMIT TO OPERATE**

Disclaimer: This list is intended to be used only as general guidance in determining equipment that requires an APCD Permit to Operate. For more detailed information, refer to APCD Rule 10, "Permits Required", and APCD Rule 23, "Exemptions from Permit", or contact the APCD Engineering Division at 805/303-3688 or engineering@vcapcd.org.

Combustion Equipment

- Boilers or process heaters with a maximum rated heat input of 1.0 MMBTU/Hr or greater
- Engines that are 50 HP or greater including but not limited to the following:
 - Oil well and water well drilling rigs
 - Emergency electrical generators powered by diesel engines
 - Portable wood chippers
 - Portable air compressors
 - Note: Vehicle engines for autos, trucks, bulldozers, forklifts, etc. are exempt. Emergency generators and water pumps powered by natural gas or propane engines are exempt. Portable engines registered with the state PERP are exempt.*
- Gas turbines rated at 300 kW and greater
- Incinerators, including crematories
- Ovens and furnaces
 - Note: Restaurant equipment except conveyerized charbroilers is exempt. Ovens or furnaces used in residential units are exempt.*
- Burn-off ovens for auto engine parts
- Waste gas flares

Equipment That Emits Dust or Other Particulate Matter

- Concrete batch plants
- Asphalt concrete plants
- Rock, sand, and aggregate plants

- Abrasive blasting and sand blasting operations
 - Note: Water blasting equipment using engines less than 50 HP is exempt.*
- Metal melting furnaces

Equipment and Processes That Emit Solvents or Other Reactive Organic Compounds

- Drycleaning machines using organic solvents
- Gasoline tanks and dispensing facilities
 - Note: Diesel tanks and waste oil tanks are exempt. Gasoline tanks less than 250 gallons in capacity are exempt.*
- Contaminated soil or groundwater remediation systems including air stripping towers
- General painting and coating equipment if more than 200 pounds of solvents are emitted in a year (roughly 25 gallons)
- Any painting of automobiles, trucks, or mobile equipment
- Printing operations if more than 200 pounds of solvents are emitted in a year
- Use of adhesives or sealants if more than 200 pounds of solvents are emitted in a year
- Cold degreasers and vapor degreasers
- Cleaning operations if more than 200 pounds of solvents are emitted in a year
- Oil wells and oilfield storage and process tanks
- Other organic liquid storage tanks with a capacity of more than 5,000 gallons

- Semiconductor or electronic component manufacturing
- Expandable polystyrene foam manufacturing

Equipment and Processes That Emit Air Toxics or May Cause a Nuisance

- Chrome plating operations
- Operations such as spa, bathtub or counter-top manufacturing that use polyester resins
- Wood stripping operations using methylene chloride
- Agricultural produce fumigation chambers using organic gases
- Ethylene oxide sterilizers (used in hospitals or food processing)

COMMON EQUIPMENT FOR WHICH AN APCD PERMIT TO OPERATE IS NOT REQUIRED IS LISTED BELOW:

- *Heating, ventilation and air conditioning (HVAC) equipment that is not used for air pollution control. The boilers or engines used with HVAC equipment must be evaluated separately using the combustion equipment information listed above.*
- *Vacuum cleaning systems for housekeeping purposes*
- *Refrigeration units not used for air pollution control*
- *Equipment for cutting, grinding or drilling metals or plastics*
- *Equipment for sawing, sanding or drilling wood*
- *Use of nonrefillable aerosol cans*
- *Ozone generating equipment used in water treatment*