

APPLICATION INSTRUCTIONS

APPLICATION FILING FEE MUST ACCOMPANY EACH APPLICATION.

IF AN AUTHORITY TO CONSTRUCT/PERMIT TO OPERATE IS ISSUED, YOU WILL BE BILLED FOR THE FIRST YEAR AND ANNUALLY THEREAFTER.

Please see Rule 301 for Application Filing Fee.

With each application for Authority to Construct or Permit to Operate the following data, specifications, plans, and drawings must be submitted.

1. **EQUIPMENT LOCATION DRAWING.** The drawing or sketch submitted must be to scale (suggested scale: 1 inch = 100 feet; accuracy of measurements to the nearest 5 feet will be satisfactory) and must show at least the following:
 - a. The property involved and outlines and heights of all buildings on it. Identify property lines plainly.
 - b. Location and identification of the proposed equipment on the property.
 - c. Location of the property with respect to streets and all adjacent properties. Identify adjacent properties. Show location of all buildings outside the property that are within 150 feet of the equipment involved in the application. Identify all such buildings (as residence, apartment house, machine shop, warehouse, etc.), specifying height of each building (number of stories). Indicate direction (North) on the drawing.
2. **DESCRIPTION OF EQUIPMENT.** State make, model, size, and type for either the unit or for its major parts.
3. **DESCRIPTION OF PROCESS.** The application must be accompanied by a written description of each process to be carried out in the equipment and of the function of the equipment itself in the process. The descriptions must be completely detailed concerning all operations. Particular attention must be given to explaining all stages in the process where the discharge of any materials might contribute in any way to air pollution. All obtainable data must be supplied concerning the nature, volume, particle sizes, weights, and concentrations of all types of any contaminants that may be discharged at each stage in the process. Similarly, control procedures must be described in sufficient detail to show the extent of control of air contaminants anticipated in the design, specifying the expected efficiency of the control devices.

4. OPERATING SCHEDULE. Specify the hours per day and days per week the equipment is to be operated.
5. PROCESS WEIGHT. Detail type and total weight of each material charged into the equipment or the process on the basis of pounds per hour or per other specified unit of time.
6. FUELS AND BURNERS USED. Indicate for fuel gas - type and cubic feet per hour; for fuel oil - grade and gallons per hour (specify temperature to which oil is preheated); for solid fuels - type and pounds per hour; indicate for burners - make, model, size, type, number of burners, and capacity range of each burner (from minimum to maximum).
7. FLOW DIAGRAM. For continuous processes, show the flow of materials either on a separate flow diagram or on the drawings accompanying the application.
8. DRAWINGS OF EQUIPMENT. (See NOTE below.) Supply an assembly drawing, dimensioned and to scale, in plan, elevation, and as many sections as are needed to show clearly the design and operation of the equipment and the means by which all contaminants are controlled. The following must be shown:
 - a. Size and shape of the equipment. Show exterior and interior dimensions and features.
 - b. Locations, sizes, and shape details of all features which may affect the production, collection, conveying, or control of air contaminants of any kind: location, size, and shape details concerning all materials handling equipment.
 - c. All data and calculations used in selecting or designing the equipment.
 - d. Horsepower rating of all electric motors driving the equipment.

NOTE: Structural design calculations and details are not required. When standard commercial equipment is to be installed, the manufacturer's catalog describing the equipment may be submitted in lieu of the parts of Item 8 that it covers. All information required above that the catalog does not contain must be submitted by the applicant. ADDITIONAL INFORMATION MAY BE REQUIRED.

After Authority to Construct is granted for any equipment, deviations from approved plans are not permissible without first securing written additional approval for the changes from the Engineering Division.

If you would like further information **or** Business Assistance, contact the Antelope Valley Air Quality Management District, 2551 West Ave H, Suite 102, Lancaster, CA 93536, (661) 723-8070.