

## FORM G101 GENERAL INFORMATION

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A separate application is required for each emissions unit (equipment the use of which may cause the issuance of air contaminants). Such a unit may consist of one individual item, or a group of two or more items. A separate application is also required for each air pollution control system (equipment which eliminates or reduces the emission of air contaminants).

With each application for authority to construct and permit to operate, the following data, specifications, plans and drawings must be submitted. **If this information has already been submitted to the district (e.g. site plans already submitted for another permit application) or is included in a supplemental application form, please reference the form, application or permit number containing the appropriate information:**

1. **EQUIPMENT LOCATION DRAWING:** The drawing or sketch submitted must show at least the following:
  - a. The property involved and outlines of all buildings on it. Identify property lines plainly.
  - b. Location and identification of the proposed equipment within the property/building.
  - c. Location of the property with respect to streets. Indicate direction (north) on the drawing.
  
2. **DESCRIPTION OF EQUIPMENT:** State make, model, size and type for either the entire unit or for its major parts. Equipment-specific forms are available for commonly permitted equipment.
  
3. **DESCRIPTION OF PROCESS:** The application must be accompanied by 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 complete and in detail 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, volumes, particle sizes, weights and concentrations of all types of air 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 device.

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4. **FACILITY DESCRIPTION:** Describe the general nature of the business. Types of products manufactured/produced/mined/recovered or types of services provided.
5. **OPERATING SCHEDULE:** Specify the hours per day, days per week and weeks per year the equipment is to be operated.
6. **PROCESS WEIGHT:** Detail types 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.
7. **FUELS AND BURNERS USED:** Indicate for fuel gas-types and cubic feet per hour; for fuel oil-grade and gallons per hour; for solid fuels-type and pounds per hour.
8. **FLOW DIAGRAM:** For continuous processes, show the flow of materials either on a separate flow diagram or on the drawings accompanying the application.
9. **DRAWINGS OF EQUIPMENT:** Supply drawing, to show clearly the design and operation of the equipment and the means by which air contaminants are controlled. The following must be shown:
  - a. Size and shape of the equipment.
  - b. Locations, sizes and shape details of all features which may affect the production, collection, conveying or control of air contaminants of any kind.
  - c. Horsepower rating of all electric motors driving the equipment.

After authority to construct or to install is granted for any equipment, deviations from the approved plans are not permissible without first securing additional approval for the changes from the Air Pollution Control Officer.

Further information or clarification concerning permit can be obtained by writing or calling (916) 874-4800.