



GREAT BASIN UNIFIED AIR POLLUTION CONTROL DISTRICT
157 Short Street, Bishop, California 93514-3537
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Instructions for Authority to Construct/Permit to Operate Application
Section A-3 Fuel Burning Equipment

1. Person Completing Form: Name of Person completing form, date, information for calendar year, and APCD application number, if known.
2. Facility Operating Schedule: Facility operating schedule for the source as a whole.
3. Reference Number: Assign and identifying number for each boiler, furnace, kiln, space heater, etc. and use the same reference number for information on each of the three pages of Section A-3.
4. Equipment Manufacturer and Model Number: Nameplate data for fuel burning equipment.
5. Rated Heat Input Capacity: Rated heat input capacity in BTU per hour.
6. Type of Burner Unit: Use burner codes listed at the bottom of the form. If the type is not on the list, enter (104) and specify the type.
7. Usage: Type of fuel burning equipment; use usage codes listed at the bottom of the form. If the type of usage is not listed, enter (05) and specify the type.
8. Heat Usage: Enter the percent of heat generated by the equipment used in process operations and the percent used for space heating of the buildings.
9. Person Completing Form: Name of person completing form, date and APCD application number, if known.
10. Reference Number: Use the same numbers from page 1 of Section A-3 to identify information for the same fuel-burning unit.
11. Stack of Exhaust Data:
 - A. Stack height in feet, from ground level.
 - B. Stack exit diameter, in feet or inches.
 - C. Stack exit gas velocity, in feet per minute.
 - D. Stack exit gas volume, in actual cubic feet per minute.
 - E. Stack exit gas temperature, in degrees Fahrenheit.

12. **Fuel(s) Data:**
 - A. Amount of fuel burned per hour. Specify gallon, tons, cubic feet, etc.
 - B. Amount of fuel burned per year. Specify gallon, tons, cubic feet, etc.
 - C. Heat content of fuel. Amount of BTU per pound, gallon, cubic feet, etc. Specify.
 - D. Sulfur content of fuel. Average percentage.
Ash content of fuel. Average percentage.

If percentage of ash and sulfur are unknown, list the fuel type (coal, gas, propane, wood, #6 oil, etc.) and the dealer who supplies the fuel at the bottom of the form in the blanks provided so that the District may obtain information from the dealer.

13. **Person Completing Form:** Name of person completing form, date and APCD application number, if known.

14. **Reference Number:** Use the same numbers from pages 1 & 2 of section A-3 to identify information for the same fuel-burning unit.

15. **Air Pollution Control Equipment:**
 - A. Manufacturer and Model Number. Nameplate data for control equipment.
 - B. Type. Use Air Pollution Control Equipment Codes at the bottom of the form. If type is not listed, enter (014) and specify type.
 - C. Design efficiency. Enter the percent efficiency of pollutants removal that the control equipment was designed for, if known.
 - D. Actual efficiency. Enter the actual removal efficiency of the equipment if tests have been made to determine the efficiency.

16. **Emission Rates:** Specify the tons per year of each of the listed pollutants actually emitted into the air and give the basis for the estimation (stack tests, emission factors, material balances, etc.).