



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-4, Processing and Manufacturing Operation

1. Person Completing Form: Name of person completing form, Date, Information for Calendar Year, and APCD Application Number, if known.
2. Facility Operating Schedule: Estimate operating schedule as closely as possible.
3. Reason for Application: Check appropriate box.
4. Scaled and Dimensioned Plot Plan Required: Scaled and dimensioned plot plan of facility that shows and identifies the locations of:
 - A. *Public and Private Street*: Identify by names or numbers.
 - B. *Property Lines*: Identify Owner of facility property and all adjacent landowners.
 - C. Existing and proposed buildings: Indicate their heights.
 - D. Storage Areas for fuel, materials and products:
 - E. *Basic, control, and air monitoring equipment*: Show location of each piece of equipment in detail with material transfer points and possible sources of air pollutants identified.
 - F. Piping and ducts for carrying fuels, products and materials.
5. Reference Number: Assign an identifying number for each manufacturing or processing operation (Primary Crusher, Secondary Crusher and Screen, Screening and Conveying Dryer, Asphalt Batching, etc.) which has a potential for emission of pollutants into the air and use the same number for information for the same operation on each of the three pages of Section A-4.
6. Process or Operation Name: Identify the processing equipment section or manufacturing operation for which information is being given by name (Primary Crusher, Secondary Crushing and Screening, Screening and Conveying, Rotary Dryer, Asphalt Batching, etc.).

7. Motor HP: List horsepower of all electric motors utilized for each processing equipment section or manufacturing operation.
8. Maximum Rated Capacity: In tons per hour, list the maximum rated capacity of the process or operation or the maximum actual operating rate, whichever is greater.
9. Normal Feed Input: Give, in tons per hour and tons per year, the normal hourly and annual amount of materials fed into the process or operation listed.
10. Number of Emission Points Into Air: The number of stacks, vents, transfers points, etc. in the processing or operating section of the operation described.
11. Normal Production Output: The tons per hour and tons per year of product or finished material that exists from the process or operation described
12. Person Completing Form: Same as Item No. 1.
13. Air Pollution Control Equipment Schematic Required: A detailed schematic and description of overall control equipment must accompany section A-4. Include manufacturer name, model number, identification number and a list of processes or operations served by air pollution control equipment.
14. Reference Number: Same as Item #5.
15. Air Pollution Control Equipment:
 - A. *Manufacturer and model number*. Nameplate data from control equipment
 - B. *Motor Hp*. List horsepower of all motors associated with control equipment described (Fans, Pumps, etc.).
 - C. *Type. Use Codes 1* at bottom of form*: If type is not listed, enter (15) and specify type. For wet scrubbers, list gallons per minute water flow and inches pressure drop across scrubber, if known.
 - D. *Collection Efficiency*: List the efficiency in percent control that the equipment was designed to control if tests have been made to determine the efficiency. For control measures, which are unconventional, such as wetting down of haul roads or stockpiles and water spray bars, note this as such.

16. Stack or Exhaust Data:
- A. *Stack height in feet above ground level.* If there is not stack or vent as such, open stock piles of dry materials, estimate feet height of the emission point and state as such. If there are two or more stacks for the same unit, list separately, giving the data for each, using the same reference number to show they belong to the same unit.
 - B. *Stack inside exit diameter in Feet.* If stack inside exit diameter is less than one foot, report in inches and specify.
 - C. *Stack Exit velocity in feet per minute.*
 - D. *Stack Gas exit volume in actual cubic feet per minute.*
 - E. *Stack gas temperature at exit in degrees Fahrenheit.*
17. Person completing Form: Same as Item No. 1.
18. Reference Number: Same as Item No. 5.
19. Emission Rates: List in pounds per hour and tons per year the emission rates of each of the five listed pollutant categories. This is the amount of material actually emitted into the air, not the amount of materials collected by control equipment. List the basis on which these emission estimates are made (stack test, material balances, EPA emission factors, etc.).
20. Percent of Annual usage by Season: List the percentage of operation by each season of the year. They are divided as December-February (winter), March-May (Spring), June-August (Summer) and September-November (Autumn). The average normal seasonal percentage of operation should be listed for each individual process or operation.
21. Describe Fugitive Emissions and Control Procedures Used:
List all fugitive emission sources; such as stockpiles, haul roads and facility grounds. List control procedures for each fugitive emission Source.