

## **FORM SVE102: THERMAL OR CATALYTIC OXIDIZERS VENTING SVE SYSTEMS OR GROUNDWATER AIR STRIPPING SYSTEMS**

Submit the following information and one application for an authority to construct and permit to operate along with the current application fee: (Current fee schedules may be obtained by calling the District or viewing the web site at [www.airquality.org](http://www.airquality.org)).

1. Manufacturer information: Make: \_\_\_\_\_, Model: \_\_\_\_\_, Serial #: \_\_\_\_\_, Maximum burner heat capacity (BTU/hr): \_\_\_\_\_, Natural Gas  Propane  (Use Fee Schedule 2), KW or KVA rating if electric: \_\_\_\_\_ (Use Fee Schedule 3) Minimum combustion chamber temperature: \_\_\_\_\_.
2. Drawings of Oxidizer: Supply a flow type drawing dimensioned and to scale and specify the following:
  - a. Indicate dimensions such as the stack diameter if round or dimensions if square. Show stack height, vertical or horizontal shape of stack, stack caps etc.
  - b. Show stack volume flow rate measurement locations.
  - c. Show influent and effluent temperature measurement locations.
  - d. Show sample port locations.
  - e. Show all valves, blowers, combustion air blowers, and all other pertinent information.
  - f. Show catalyst bed location if any.
3. Submit manufacturer's specifications and diagrams/pictures.
4. Include the following written information:
  - a. Stack diameter if round
  - b. Stack dimensions if square
  - c. Stack height from ground level
  - d. Stack cap type, if any
  - e. Stack configuration, vertical or horizontal
  - f. Stack velocity

Submit Fees: See Rule 301, schedule 2 for fuel burning system and schedule 3 for electric systems.

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 permits can be obtained by writing or calling 279-207-1122.