

SUPPLEMENTAL INFORMATION: SWEATING FURNACE

Fill out the attached form including the following information and submit with your application for an Authority to Construct.

1. EQUIPMENT LOCATION DRAWING - The drawing or sketch submitted must show the following:
 - a. The property involved, with outlines of all buildings. Identify property lines plainly and uses of adjacent properties.
 - b. Location and identification of the furnace on the property. Location of stack or vent.

2. ESTIMATE OF EMISSIONS
 - a. Provide estimates of pollutant concentrations and mass emission rates for pollutants listed in c. below.
 - b. State any combustion modifications or control devices employed to reduce emissions. State estimated reduction.
 - c. Best Available Control Technology (BACT) is required if the potential to emit exceeds one or more of the following limitations on a daily basis:

Particulate Matter (PM-10)	80 lb/day
Nitrogen Oxides	25 lb/day
Sulfur Oxides	80 lb/day
Reactive Organic Compounds	25 lb/day
Carbon Monoxide	500 lb/day

3. DRAWING OF FURNACE - Supply a drawing, dimensioned and to scale, showing the following:
 - a. Overall size and shape of the unit.
 - b. Fuel type.
 - c. Fuel consumption estimate.
 - d. Submit the manufacturer's catalog or specifications for the equipment.

4. ADDITIONAL INFORMATION
 - a. Complete page 2.

After an authority to construct 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 calling (530) 891-2882.

FURNACE SUMMARY

1. Company Name: _____

2. Furnace Manufacturer: _____

Model Number: _____

Serial Number: _____

3. Furnace Operating Temperature:

Normal: _____ °F Maximum: _____ °F

4. Combustion Air Blower Capacity: _____ cfm

5. Air Pollution Control Devices: _____

6. Process Material Description: _____

7. Material Process Rate: _____ lbs/load
(state average values)

_____ lbs/day

_____ days/year

8. Fuel Type and Usage (state average values):

Gas: Natural _____ ft³/hr

LPG _____ ft³/day

9. Flux Description: _____

10. Flux Flow Rate (lbs/load): _____