SUPPLEMENTAL INFORMATION: DEHYDRATORS

Submit the following information with your application for an Authority to Construct.

1. <u>EQUIPMENT LOCATION DRAWING</u> - The drawing or sketch submitted must show the following:

   a. The property involved, with outlines of all buildings. Identify property lines plainly.
   b. Location and identification of the dehydrators on the property.

2. <u>DRAWING OF DRYING UNIT</u> - Supply a drawing, dimensioned and to scale, showing the following:

   a. Overall size and shape of a "single" dryer unit (tunnel) and the burner location outside or within the dryer unit.
   b. Submit the manufacturers catalog or specifications for the equipment, if available.

3. <u>ESTIMATE OF EMISSIONS</u>

   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

4. <u>ADDITIONAL INFORMATION</u>

   a. Tunnels: Single ❒   Double ❒   Number of: _____   Number of burners per tunnel: _____
   b. Burners/Heaters: Manufacturer: _____   Model Number:_____
      Serial Numbers: _____   Rating: _____ BTU/hr
   c. Fuel Type:
      Gas: ❒ butane   ❒ propane
      Oil: ❒ kerosene   ❒ diesel (#2, #5, #6)
              ❒ natural gas   ❒ (other)_____
      Storage Tanks: Number: _____   Capacity: _____
   d. Fuel Usage (estimated/seasonal average):
      _____ Therms/hr; cuft/hr; gal/hr   _____ Therms/day; cuft/day; gal/day
      _____Therms/yr; cuft/yr; gal/yr
   e. Operating Schedule (estimated average time/total)
      _____ hrs/day;   _____ hrs/week;   _____ days/yr (season)
   f. Type(s) of fruit dehydrated: _____

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) 332-9400.