FORM AQ206

MATERIAL DRYERS and OVENS **INSTRUCTIONS**

This form is designed to capture information about material dryers such as rotary wood fuel dryers, calciners, ore dryers, paint drying ovens, etc. However, the form should not be used for veneer dryers, particle dryers, or dry kilns at wood product facilities because there are specific forms for those types of devices.

1. Enter the name of the device.

2. Enter the ID number of this device. This is a number or code that you assign to the device.

3. Indicate whether this device is *existing* (i.e., currently in place). If the device is to be added in the future, answer no here.

4. Enter the date that construction/installation of this process *commenced*. This refers to the date on which a financial commitment was made to undertake the construction.

5. Enter the date on which this process was fully installed or construction was completed, or on which this process will be completed.

6. Does this device have emissions control equipment? If yes, complete an appropriate series 300 form.

7. Enter the name of the manufacturer of the device.

8. Briefly describe the device/process and attach a flow diagram. If a flow diagram is not available provide a simple sketch of the system.

9. Provide the following information about the material being dried:

    a. type of material
    b. pounds per hour at maximum design capacity (specify whether this is an input or output rate)
    c. pounds or tons per year at the maximum projected production level (specify whether this is an input or output rate)

10. Describe the source of heat for the device. Examples are steam, hot gas from a boiler, hot oil, electricity, or fuel combustion as an integral part of the design.

11. If fuel is burned in the device, provide the following information about *each* type of fuel:

    a. type/grade of the fuel (for example, residual oil, ASTM grade 2 distillate fuel oil, sub-bituminous coal, etc.)
    b. describe how the fuel is handled and introduced to the combustion zone, including storage tanks and burner types.
    c. amount of fuel used per hour or day at maximum design capacity (specify the appropriate units such as gallons/hour, cubic feet per day, pounds per hour, etc.)
    d. amount of fuel used per year at the projected maximum production level (specify the appropriate units such as gallons per year, cubic feet per year, pounds per year, etc.)

LRAPA
Lane Regional Air Protection Agency

FORM AQ206

MATERIAL DRYERS and OVENS **ANSWER SHEET**

Facility Name: _____ Permit Number: _____

1. Device name _____
2. Device ID number _____
3. Does the device currently exist at the facility? [yes/no] _____
4. Date installation/construction commenced _____
5. Date installed _____
6. Emissions control equipment? [yes/no; if yes, complete an appropriate series AQ300 form] _____
7. Manufacturer _____
8. Process description:

_____

9. Material throughput rates
   - type of material _____
   - lbs/hr (maximum capacity) _____
   - lbs/yr (projected maximum) _____
10. Describe heat source:

_____

11. Fuel information:
    - type/grade _____
    - introduction method (describe) _____
    - amount used per day or hour (maximum design capacity) _____
    - amount used per year (maximum projected) _____
    - sulfur content of oil or coal fuels (% by weight) _____