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For DAQ Use Only

Form SS-PER-007-07: Dryer/Heater/Oven Worksheet

(This form is for all other fuel burning equipment except boilers)

Please see instructions on page 2 before filling out the form.

Supplemental Information

IDENTIFICATION	
1. Source Name:	2. Source ID No.:
3. Brief Project Description:	
SPECIFICATIONS	
4. Equipment: <input type="checkbox"/> Dryer <input type="checkbox"/> Heater <input type="checkbox"/> Oven	
5. Manufacturer:	
6. Model No.:	
7. Serial No.:	
8. Date of manufacture:	
9. Maximum design heat input rate (MMBtu/hr):	
10. Maximum hours of operation per year:	
11. Fuel type: <input type="checkbox"/> Natural gas <input type="checkbox"/> Diesel <input type="checkbox"/> Propane/LPG <input type="checkbox"/> Other (specify):	
Sulfur content for distillate fuel other than diesel:	
12. Maximum rated emissions concentrations (in ppm) for the burner: NO _x : _____ CO: _____	
Exhaust Stack: 13. Height: _____ feet 14. Diameter: _____ inches 15. Temperature: _____ °F	
16. Velocity: _____ feet per second OR Exhaust volume: _____ feet ³ per minute	
17. Did construction, modification, or reconstruction commence after April 23, 1986, and does the source operate a calciner and/or dryer at a mineral processing plant? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes," this dryer may be subject to 40 CFR Part 60, Subpart UUU.)	
18. Did construction, modification, or reconstruction commence after August 24, 1982, and does the source operate a thermal dryer in which the surface moisture content of a metallic mineral or a metallic mineral concentrate is reduced by direct or indirect contact with a heated gas stream? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes," this dryer may be subject to 40 CFR Part 60, Subpart LL.)	

Attach manufacturer's specification sheet(s) for the dryer/heater/oven and the burner.

All information above this line is required for this form to be considered complete. Duplicate sheet as needed.

The information below guides you to other forms that may have to accompany this worksheet.

- For emission control equipment, use the appropriate **CONTROL EQUIPMENT** form and duplicate as needed. Be sure to indicate the emission unit that the control equipment is affecting.
- Use the Engine form (SS-PER-007-03) if not operating on grid power and/or if there is an engine on-site.

Form Instructions

Before filling out this worksheet, locate the **Supplemental Information** box at the top right.

- If submitting this worksheet with a permit application, leave the box blank.
- If submitting this worksheet without a permit application, or in response to a DAQ request for supplemental/requested information, check the box.

1. Provide the source name as it appears on the application. If a permit already exists for this operation, the source name should match the name on the permit.
2. If the source is existing and already has a permit, provide the number as it appears on the permit. Otherwise, enter "New."
3. Provide a brief description of the proposed project as it appears on the permit application. Indicate whether the dryer/heater/oven is being proposed as a new emission unit, replacing an existing emission unit, or being modified. If it is being modified, briefly describe the proposed changes.

USE ATTACHMENT IF ADDITIONAL SPACE IS REQUIRED.

4. Specify the equipment.
- 5–7. Specify the manufacturer, model number, and serial number of the dryer/heater/oven.
- 8–9. Specify the manufacture date and maximum design heat input rate (in MMBtu/hr) of the dryer/heater/oven.
10. Specify the maximum hours of operation per year. If not 8,760 hours, that maximum will be an operational limit in the permit.
11. Specify the fuel(s) that will be combusted in the dryer/heater. If more than one fuel is proposed, specify on a separate sheet which will be primary and when the secondary fuel will be used instead. If distillate fuel oil or used oil/RF04 is combusted, list the proposed sulfur content of the fuel in the space provided.
12. Specify the maximum rated emissions concentrations of the burner for each pollutant, as applicable. Emissions concentration rates must be supported by either manufacturer specifications or performance test results. EPA AP-42 emission factors can only be proposed for NO_x and/or CO if emissions data is not available.
13. Provide the exhaust stack height in feet.
14. Provide the exhaust stack diameter in inches.
15. Provide the temperature in the exhaust stack in degrees Fahrenheit.
16. Provide the exhaust stack velocity in feet per second or cubic feet per minute.
- 17-18. Select the correct construction time frame and process for the dryer. If the answer to either part of the question is "No," mark "No" as the answer to the entire question.