



**Kansas Department of Health and Environment  
Division of Environment  
Bureau of Air and Radiation**

**THERMAL COAL DRYER**

- 1) Source ID Number: \_\_\_\_\_
- 2) Company/Source Name: \_\_\_\_\_
- 3) Emission Unit Identification: \_\_\_\_\_
- 4) Normal Operating Schedule: \_\_\_\_\_ hrs/yr
- 5) Type of Dryer: \_\_\_\_\_
- 6) Manufacturer: \_\_\_\_\_  
Date of Manufacture: \_\_\_\_\_  
Model No.: \_\_\_\_\_  
Maximum Rated Capacity: \_\_\_\_\_ tons/hr  
Maximum Design Heating Input: \_\_\_\_\_ BTU/hr

Primary Fuel Type: (if applicable)

Natural Gas \_\_\_\_\_ Oil \_\_\_\_\_ Coal \_\_\_\_\_ Other (specify) \_\_\_\_\_

Secondary Fuel Type: (if applicable)

Natural Gas \_\_\_\_\_ Oil \_\_\_\_\_ Coal \_\_\_\_\_ Other (specify) \_\_\_\_\_

Fuel Specific Data:

Natural Gas:

Heating Value: \_\_\_\_\_ BTU/cu.ft.

Fuel Oil:

Fuel Parameters: % Sulfur \_\_\_\_\_; Grade \_\_\_\_\_

Heat Value: \_\_\_\_\_ BTU/gal

Density: \_\_\_\_\_ lb/gal

Coal:

Fuel Parameters: % Sulfur \_\_\_\_\_; % Ash \_\_\_\_\_

Heating Value: \_\_\_\_\_ BTU/lb

## THERMAL COAL DRYER

(cont.)

Other: \_\_\_\_\_

If Applicable: Fuel Parameters: % Sulfur \_\_\_\_\_; % Ash \_\_\_\_\_

Heating Value: \_\_\_\_\_

- 7) If no emissions control equipment installed, complete the following:  
Emission discharge to atmosphere \_\_\_\_\_ ft. above grade through stack or duct \_\_\_\_\_ diameter at \_\_\_\_\_ °F temperature, with \_\_\_\_\_ cfm flow rate and \_\_\_\_\_ fps velocity.
- 8) 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.
- 9) Did construction, modification, or reconstruction commence after December 24, 1974? Yes \_\_\_\_\_; No \_\_\_\_\_  
For a Coal Preparation Plant, does the plant process > 200 tons per day? Yes \_\_\_\_\_; No \_\_\_\_\_  
If yes, this plant may be subject to NSPS, 40 CFR Part 60 Subpart Y.
- 10) If applying for an operating permit, provide the date of the latest modification: \_\_\_\_\_