HOGGED FUEL BOILER PROCESS DEVICE DESCRIPTION

FORM AQ224 INSTRUCTIONS

Complete one Process Device Description form for each existing and/or future (if known) hogged fuel boiler.

1. Enter the process device identification label (e.g. CB Boiler, #1 Boiler, Boiler-1, etc.) for this boiler.
2. Enter the date the boiler was installed.
3. Enter the date the boiler was originally manufactured.
4. If the device has been physically modified since it was installed, enter the date of the modification and describe the modification. Attach additional information as needed.
5. Enter the name of the manufacturer.
6. Enter the type of boiler (e.g. Dutch oven, fuel cell, travelling grate spreader-stoker, vibrating grate stoker, etc.). Include any additional information needed to adequately describe this boiler.
7. Enter the heat input rated design capacity in British Thermal Units (Btu) per hour.
8. Enter the maximum operating steam pressure in pounds per square inch (gauge pressure).
9. Enter the maximum operating steam temperature, in degrees Fahrenheit.
10. Enter the air-to-fuel ratio at the maximum rated design capacity.
11. Enter the excess combustion air (percent) at the maximum rated design capacity.
12. Enter the steam production capacity of this boiler in pounds per hour.
13. Enter the proposed annual steam production in pounds.
14. Indicate whether or not this boiler is equipped with a steam flow meter, and if it is whether or not the steam flow is continuously recorded.
15. List the types and amounts of any fuel(s), other than hogged fuel, that are or will be burned in this boiler (e.g. natural gas, fuel oil, refused derived fuel, tire derived fuel, etc.).
16. If the boiler exhaust is controlled, list the control equipment using the Control Device ID. Fill out the appropriate Control Device Description Form [Series 300] for each associated control device.

HOGGED FUEL BOILER
PROCESS DEVICE DESCRIPTION

FORM AQ224
ANSWER SHEET

Facility Name: _____ Permit Number: _____

1. Process Device ID _____
2. Date installed _____
3. Date Boiler Manufactured _____
4. Has the device been physically modified? If yes, enter date and describe the modification _____
5. Manufacturer _____
6. Type of Boiler _____
7. Rated heat input design capacity (Btu/hour) _____
8. Maximum operating steam pressure (psig) _____
9. Maximum operating steam temperature (°F) _____
10. Design air-to-fuel ratio _____
11. Design excess combustion air (%) _____
12. Maximum steam production capacity (pounds/hour) _____
13. Proposed annual steam production (pounds) _____
14. Steam flow meter? (yes/no) If yes, is there a recorder? (yes/no) _____
15. Backup fuel information:

Fuel Type	Maximum Hourly Rate (specify units)	Annual Amount (specify units)

16. If the boiler exhaust is controlled, list the Control Device ID(s) and complete the appropriate form from series AQ300 _____