



4701 W. Russell Rd Suite 200
 Las Vegas, NV 89118-2231
 Phone (702) 455-5942
 Fax (702) 383-9994

For DAQ Use Only

Form SS-PER-007-01: Boiler Worksheet

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. Manufacturer:	
5. Model No.:	
6. Serial No.:	
7. Date of manufacture:	
8. Maximum design heat input rate (MMBtu/hr):	
9. Maximum hours of operation per year:	
10. 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:	
11. Maximum rated emissions concentrations (in ppm) for the burner: NO _x : _____ CO: _____	
Exhaust Stack: 12. Height: _____ feet	13. Diameter: _____ inches
14. Temperature: _____ °F	
15. Velocity: _____ feet per second	OR Exhaust volume: _____ feet ³ per minute
16. Did construction, modification, or reconstruction commence after August 17, 1971, but on or before September 18, 1978, and does the indirect heating unit have a maximum design heat input capacity to combust more than 250 MMBtu/hr? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes," this boiler may be subject to 40 CFR Part 60, Subpart D.)	
17. Did construction, modification, or reconstruction commence after September 18, 1978, and does the indirect heating unit have a maximum design heat input capacity to combust more than 250 MMBtu/hr? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes," this boiler may be subject to 40 CFR Part 60, Subpart Da.)	
18. Did construction, modification, or reconstruction commence after June 19, 1984, and does the indirect heating unit have a maximum design heat input capacity to combust more than 100 MMBtu/hr, but less than 250 MMBtu/hr? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes," this boiler may be subject to 40 CFR Part 60, Subpart Db.)	
19. Did construction, modification, or reconstruction commence after June 9, 1989, and does the indirect heating unit have a maximum design heat input capacity to combust 10 MMBtu/hr or more, but less than 100 MMBtu/hr? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes," this boiler may be subject to 40 CFR Part 60, Subpart Dc.)	
20. Is the boiler operating at a major source for hazardous pollutants? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes" and the boiler/process heater is new, OR if "Yes" and construction of the boiler/process heater began after June 4, 2010, and met the applicability criteria at the time of construction, the boiler may be subject to 40 CFR Part 63, Subpart DDDDD.)	

Attach manufacturer's specification sheet(s) for the boiler 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 boiler 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.

- 4-6. Specify the manufacturer, model number, and serial number of the boiler.
- 7-8. Specify the manufacture date and maximum design heat input rate (in MMBtu/hr) of the boiler.
9. Specify the maximum hours of operation per year. If not 8,760 hours, that maximum will be an operational limit in your permit.
10. Specify the fuel(s) that will be combusted in the boiler. 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.
11. 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.
12. Provide the exhaust stack height in feet.
13. Provide the exhaust stack diameter in inches.
14. Provide the temperature in the exhaust stack in degrees Fahrenheit.
15. Provide the exhaust stack velocity in feet per second or cubic feet per minute.
- 16-20. Select the correct construction time frame and maximum design heat input capacity for the boiler.