



## Air Quality Permit Application Form Boiler Turbine or Furnace

**This form is to be submitted, if necessary, along with  
the Title V (Part 70) Operating Permit or Minor Operating Permit.  
(please complete shaded areas)**

1. Facility identification (i.e., Boiler #1, Unit #1, etc):
2. Manufacturer:  Manufacture date:
3. Model number:
4. Type (i.e., steam boiler, simple cycle combustion turbine, generator, etc.)

5. Maximum designed operating rate (name plate):
- |   |                                    |  |
|---|------------------------------------|--|
| <input style="width: 280px; height: 20px;" type="text"/>    | million Btus per hour heat input   |  |
| or <input style="width: 280px; height: 20px;" type="text"/> | horsepower with boiler efficiency: | <input style="width: 100px; height: 20px;" type="text"/> |
| or <input style="width: 280px; height: 20px;" type="text"/> | kilowatts with boiler efficiency:  | <input style="width: 100px; height: 20px;" type="text"/> |

6. Check the appropriate box(es) for primary and secondary fuels:

<input type="checkbox"/>	Natural gas	<input type="checkbox"/>	Propane
<input type="checkbox"/>	Distillate oil	<input type="text"/>	Sulfur content Weight percent
<input type="checkbox"/>	Residual oil	<input type="text"/>	Sulfur content Weight percent
<input type="checkbox"/>	Bituminous Coal	<input type="text"/>	Subbituminous Coal
	Coal sulfur content	<input type="text"/>	Weight percent
		<input type="text"/>	Coal ash content
		<input type="text"/>	Weight percent
<input type="checkbox"/>	Other (please specify) <input style="width: 500px; height: 20px;" type="text"/>		

7. Has a stack test been conducted (check appropriate box)?  Yes  No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test:

**Control Equipment:** If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

**Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.**

**Stack Information:** If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:	<input type="text"/>	feet	<input type="text"/>	meters
Y- Coordinate or Northing:	<input type="text"/>	feet	<input type="text"/>	meters
Base Elevation of Stack:	<input type="text"/>	feet	<input type="text"/>	meters
Stack Height:	<input type="text"/>	feet	<input type="text"/>	meters
Exit Stack Diameter	<input type="text"/>	feet	<input type="text"/>	meters
Exit Stack Temperature	<input type="text"/>	degrees Fahrenheit		

Exit Stack Velocity and/or Flow Rate:

Velocity:  feet per second  meters per second

**and/or**

Flow Rate:  actual cubic feet per minute  actual cubic meters per second