



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