

## NOC APPLICATION SUPPLEMENTAL FORM

### Boilers and Process Heaters

This application is for activities or equipment that is (check all that apply):

- New (including existing, unpermitted equipment)
- Physical or operational modification of existing equipment
- Relocation of existing equipment

Estimated date to begin construction: \_\_\_\_\_ Estimated date to startup: \_\_\_\_\_

### Operating Data

Normal \_\_\_\_\_ hours/day \_\_\_\_\_ days/week \_\_\_\_\_ weeks/yr

Maximum \_\_\_\_\_ hours/day \_\_\_\_\_ days/week \_\_\_\_\_ weeks/yr

### Boiler/Heater

Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

Max. Heat Input Rating: \_\_\_\_\_ BTU per hour

Boiler Type:  Water-Tube  Fire-Tube

Turndown Ratio: \_\_\_\_\_ Percent Excess Air: \_\_\_\_\_

### Burner

Manufacturer(s): \_\_\_\_\_ Model(s): \_\_\_\_\_

Number of burners: \_\_\_\_\_ Rating of each burner: \_\_\_\_\_ BTU per hour

**Heat Transfer**

Heat Transfer Medium: \_\_\_\_\_

Temperature (°F) Input: _____ Output: _____	Pressure (psia) Input: _____ Output: _____	Flow Rate (specify units): Average: _____ Maximum: _____
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**Fuel Type (check all that apply)**

Natural Gas    Liquefied Petroleum Gas    Refinery Gas    Digester Gas    Landfill Gas  
 Other \_\_\_\_\_    Fuel Oil (specify grade) \_\_\_\_\_

Emission Controls (check all that apply)	Exhaust Stack Parameters
<input type="checkbox"/> Low NOx Burner <input type="checkbox"/> Flue Gas Recirculation <input type="checkbox"/> Oxygen Trim <input type="checkbox"/> CO Catalyst <input type="checkbox"/> Selective Catalytic Reduction (SCR) <input type="checkbox"/> Selective Non-Catalytic Reduction (SNCR) <input type="checkbox"/> Baghouse <input type="checkbox"/> Electrostatic Precipitator <input type="checkbox"/> Other, describe: _____	<input type="checkbox"/> Stack information is specified on NOC Application Supplemental Form for proposed control device <input type="checkbox"/> Stack information is specified below:  Stack diameter: _____ inches Stack height above ground: _____ feet Exhaust Flow Rate: _____ acfm Exhaust Temperature: _____ °F Building Dimensions of project location: Building Height (highest point of roof) _____ ft Building Width _____ ft Building Length _____ ft

### Fuel Information

If gas or oil fuel is used, attach the fuel specification sheet requested below. If wood fuel is used, provide the following:

Heat Value: \_\_\_\_\_ Btu/lb wood - Specify if on:  Wet or  Dry basis

% bark: \_\_\_\_\_

% sander dust: \_\_\_\_\_

% reinjected cinders: \_\_\_\_\_

% moisture: \_\_\_\_\_

### Required Attachments

1. Manufacturer specification sheets for boiler, burner(s), and each identified control device (including guaranteed emission rates).
2. Supplier-provided fuel specification sheet.
3. Any applicable Agency specific control device form.  
See: [www.pscleanair.org/180/Source-Specific-Applications-for-Permits](http://www.pscleanair.org/180/Source-Specific-Applications-for-Permits)
4. A copy of each applicable New Source Performance Standard (NSPS) with the applicable portions of each rule marked.
5. A copy of each applicable National Emissions Standard for Hazardous Air Pollutants (NESHAP) with the applicable portions of each rule marked.