

Southwest Clean Air Agency

SMALL BOILERS, HEATERS, FURNACES, and OVENS SMALL UNIT NOTIFICATION (SUN) DATA SHEET

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Notification No: _____

APPLICANT INFORMATION:

Applicant Name: _____

EQUIPMENT ID OR FACILITY NAME FOR EQUIPMENT

EQUIPMENT DATA: (Check all that apply)

Type:

- Boiler Heater (Hot water, air, etc.) Drying-/ Baking Oven Furnace
 Other _____

Information:

Manufacturer: _____

Model No: _____

Serial No: _____

Date Manufactured: _____

Boiler Configuration (fire tube, water tube, fluidized bed, etc.): _____

Primary Fuel:

Type: _____

Burner Manufacturer: _____

Burner Model No: _____

Rated Heat Input Capacity: _____ MMBtu/hr

Fuel Consumption Rate: _____ gal/hr ft³/min

Turn-down Ratio: _____

Exhaust Flow Rate: _____ acfm dscfm

Stack:

Stack Height: Above ground level: _____ feet

Stack Diameter: _____ inches

Use rain caps that do not interfere with vertical discharge.

Equipment Location:

Distance to:
Property Boundary: _____ feet meters

Nearest Building: _____ feet meters

Building Dimensions: _____ (Length by width by height in feet)

Secondary Fuel:

Type: _____

Burner Manufacturer: _____

Burner Model No: _____

Rated Heat Input Capacity: _____ MMBtu/hr

Fuel Consumption Rate: _____ gal/hr ft³/min

Bypass Capability: _____

Exhaust Flow Rate: _____ acfm dscfm

Above Roof Level: _____ feet

Stack Discharge Temperature: _____ °F

Closest Residential Dwelling: _____ feet

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OPERATIONAL DATA:

Use: Power Generation Space heat Hot water/air
 Steam Generation Drying-/ Baking Oven Other _____

Maximum Load Condition: _____ MMBtu/hr Average Load Condition: _____ MMBtu/hr

Steam generation: _____ lb/hr @ _____ PSIG & _____ °F

Process Equipment Served by Boiler:

Hours of Operation: Maximum: _____ hr/day, _____ days/wk, _____ weeks/yr
 Average: _____ hr/day, _____ days/wk, _____ weeks/yr

EMISSION CONTROL EQUIPMENT DATA:

<u>Equipment Description</u>	<u>Controlled Pollutant</u>	<u>Performance Guarantee</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

EMISSION FACTORS / DATA: (attach copy of vendor data in lieu of data below)

<u>Pollutant</u>	<u>Emission Factor</u>	<u>Emission Factor Units</u>	<u>Emission Factor Source</u>
Nitrogen Oxides (NO _x)	_____	_____	_____
Carbon Monoxide (CO)	_____	_____	_____
Volatile Organic Compounds (VOC)	_____	_____	_____
Particulate Matter (PM)	_____	_____	_____
Sulfur Dioxide (SO ₂)	_____	_____	_____

List toxics as applicable:

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____