



air pollution control district  
SANTA BARBARA COUNTY

## Small Boilers & Process Heaters Application Form -61

Santa Barbara County Air Pollution Control District  
260 N. San Antonio Road, Suite A  
Santa Barbara, CA 93110-1315  
TEL: (805) 961-8800  
Email: [enqr@sbcapcd.org](mailto:enqr@sbcapcd.org) Web Site: [www.ourair.org](http://www.ourair.org)

### For Units Rated Less Than 5.0 Million Btu/hr and Installed After 1/16/2008

*Application must be typewritten, computer generated, or hand printed in ink. Complete all pages of the application.*

**IMPORTANT:** To assure that your application is complete include all of the following when submitting this application:

- Application Fee \$431\*(one per facility)  
  APCD Form -01  
  Signature on Applications  
  One Unit per Application  
\*Fee is COLA adjusted every July 1<sup>st</sup>

This application form is for the permitting of **new or replacement** small boilers, process heaters and steam generators whose individual or combined (i.e., stacked) heat input rating is greater than 2.0 MMBtu/hr. See APCD Form -60 for existing units (installed prior to January 17, 2008) rated less than 5.0 MMBtu/hr and APCD Form -33 for units rated at 5.0 MMBtu/hr and greater. Reference our Boiler webpage for additional information and resources (<http://www.ourair.org/boiler-heater-generator>).

**1. FACILITY NAME:**

Facility **Street** Address \_\_\_\_\_

City, State ZIP: \_\_\_\_\_

Assessor Parcel Number(s)  
(APN) \_\_\_\_\_

**2. PURPOSE OF APPLICATION:**

- New Unit       Install Emission Controls on Existing Unit. *Existing Unit APCD Device ID No:* \_\_\_\_\_  
 Replace Existing Unit with a New Unit. *Existing Unit APCD Device ID No:* \_\_\_\_\_  
 Other (describe): \_\_\_\_\_

**3. EQUIPMENT TYPE:**

- Hot-Water Boiler     Steam Boiler     Process Heater     Large Water Heater     Steam Generator  
 Other (describe): \_\_\_\_\_

**4. EQUIPMENT RATED HEAT INPUT:** Provide the maximum rated hourly heat input from unit's nameplate in x.xxx format. Unless otherwise requested, daily and annual permit limits will be based on the potential to emit of the unit.

Hourly: \_\_\_\_\_ MMBtu/hr (*example: 2.765 MMBtu/hr*)

**5. EQUIPMENT DATA:** Enclose a copy of the unit's data sheet. **This is required for application completeness.**

Installation Date: \_\_\_\_\_ Manufacture Date: \_\_\_\_\_ or Approx. Unit Age: \_\_\_\_\_

Mfgr: \_\_\_\_\_ Model: \_\_\_\_\_

Serial No: \_\_\_\_\_ Operator ID: \_\_\_\_\_ Building No: \_\_\_\_\_

Type Draft:  Forced Draft     Induced Draft     Natural Draft

Mode:  On/Off     High/Low Fire     Full Modulation

*(District Use Only)*

Date Received Stamp	APCD Application	
	Facility Number:	Permit No.
	Facility Name:	



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Fuel Used:  Utility Natural Gas  Produced Gas  Propane  Digester Gas  
 Other (describe): \_\_\_\_\_

Sulfur Content: \_\_\_\_\_ Units: ppmvd or % by weight (circle units) {*data not required for utility gas or propane*}

Does this unit utilize a backup fuel?  Yes  No. If Yes, state the fuel type and sulfur content below.

Backup Fuel: \_\_\_\_\_ Sulfur: \_\_\_\_\_ Units: ppmvd or % by weight (circle units)

Burner Information.  Check this box if this data is the same as the boiler/process heater. Otherwise, enclose a copy of the burner's data sheet. **This is required for application completeness.**

Mfgr: \_\_\_\_\_ Model: \_\_\_\_\_

Rating: \_\_\_\_\_ MMBtu/hr No. of Burners: \_\_\_\_\_

**6. FUEL METERING:** Units rated less than 5.0 MMBtu/hr have three options for tracking fuel use. Select one of the following for the unit described above in Section 5 above.

Fuel Meter. A dedicated temperature and pressure corrected fuel meter. Gas utility company meters are generally not considered "dedicated" meters. A single meter that is connected to a combined grouping of units (i.e., stacked units) is considered dedicated. The permittee must obtain District approval of each fuel meter prior to permit issuance.

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

Meter Shared for a grouping of Units?

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

Temperature & Pressure Corrected?

Type: \_\_\_\_\_ *examples:* positive displacement (diaphragm/bellows), rotary (Roots type), turbine, orifice, mass flow, ultrasonic flow.

Hour Meter. A dedicated hour meter or an electronic management system that is capable of tracking and logging the units time on/off. The permittee must obtain District approval of the hour meter system prior to permit issuance.

Default Rating Method. This method does not require the use of a District approved meter. The amount of fuel used will be assumed to be equal to the permitted daily and annual heat input limit for the unit divided by the heating value of the fuel as specified by the District.

**7. UNITS RATED at 2.0 MMBtu/hr or LESS:** APCD permits are required for units rated at 2.0 MMBtu/hr or less if multiple units are grouped (i.e., stacked) for a common process. Contact the APCD if you are unsure (attn: Engineering Supervisor). These units are subject to Rule 360 certification requirements if manufactured after October 17, 2003.

Was this unit(s) manufactured after October 17, 2003?

If Yes, is this unit certified per Rule 360? (see the APCD's Boiler webpage for more information on Rule 360)

**8. EMISSION CONTROLS:** Enclose a copy of the equipment's data sheet and the manufacturer's emission statement and/or emissions guarantee. **This is required for application completeness.**

Low-NOx Burner  Flue Gas Recirculation  SNCR  SCR

Other (describe): \_\_\_\_\_



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**9. STACK DATA:** Complete this section in its entirety. **This is required for application completeness.**

Stack Height Above Ground: \_\_\_\_\_ feet      Stack Diameter: \_\_\_\_\_ inches (inside diameter)  
 Stack Height Above Building: \_\_\_\_\_ feet      Exhaust Flow Rate: \_\_\_\_\_ cfm (cubic feet/minute)  
 Exhaust Temperature: \_\_\_\_\_ °F      Exhaust Velocity: \_\_\_\_\_ feet per minute  
 Stack Orientation:     horizontal     vertical      End of Stack:     rain cap     open or hinged rain flap  
 Does the stack stand alone or is it located on the building?     stands alone     on building

Provide a site plan showing all nearby buildings with approximate dimensions (L x W x H) of each building, the location of the equipment unit and stack, cross streets and indicate the location of North.

**10. APPLICANT/PREPARER STATEMENT:**

The person who prepares the application also must sign this form. The preparer may be an employee of the owner/operator or an authorized agent (contractor/consultant) working on behalf of the owner/operator (an *Authorized Agent Form -01A* is required)

*I certify pursuant to H&SC Section 42303.5 that all information contained herein and information submitted with this application is true and correct.*

COMPLETED BY: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**11. APPLICATION CHECKLIST:** Along with this Form -61, the following is required.

- Have you filled in all required fields on this form? If not, the application will likely be deemed incomplete. Complete application forms save you time and eliminate unwanted project delays.
- APCD Form -01. See also Section 12 of Form -01 for additional checklist items.
- \$431 Filing Fee. Please note, only one filing fee per facility, regardless of number of units. This filing fee covers both Form-01 and Form-61. Filing fee is COLA adjusted every July 1<sup>st</sup>.
- Equipment (i.e., boiler, process heater) data sheet for the exact make and model identified applied for.
- Burner data sheet for the exact make and model applied for.
- Emissions control manufacturer documentation, including an emissions statement and/or guarantee.
- The site plan required in the Stack Data section.