

**FORM B100**  
**BOILERS AND HEATERS**

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**Business License Name of organization that is to receive permit:**

**BOILER AND HEATER SUMMARY**

Boiler/ Heater Manufacturer: \_\_\_\_\_

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

Boiler Type: \_\_\_\_\_ Atmospheric      \_\_\_\_\_ Non- Atmospheric

Maximum Boiler Rating: \_\_\_\_\_ BTU/hour input

Maximum Burner Rating: \_\_\_\_\_ BTU/hour input

Is Flue Gas Recirculation used?      \_\_\_\_\_ Yes      \_\_\_\_\_ No

Boiler/Heater Use:

\_\_\_\_\_ space heating      \_\_\_\_\_ industrial process

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# BOILERS & HEATERS

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## FUEL USAGE SECTION

Indicate Primary Fuel \_\_\_\_\_

Indicate Standby Fuel \_\_\_\_\_

### EXEMPTION - LOW FUEL USAGE

A boiler may qualify for a low fuel usage exemption from the emission standards effective pursuant to the applicable schedule in Section 407 of Rule 411 - Boiler NO<sub>x</sub>, if the annual fuel usage does not exceed the applicable level in the table below (1 Therm = 100,000 BTU's).

Boiler Size (mmBtu/hr)	Annual Fuel Usage (therms/yr)
1 - <2.5	40,000
≥2.5 - <5	70,000
≥5 - <100	200,000
≥100	300,000

If you are requesting a low fuel usage exemption from Rule 411 - Boiler NO<sub>x</sub> then complete the following:

**Submit records that clearly demonstrate that the unit has operated below the applicable low fuel usage limits specified above at all times since October 27, 2006.**

Check the method used for determining annual fuel usage.

\_\_\_\_\_ Non-resetting totalizing fuel meter

\_\_\_\_\_ Non-resetting totalizing hour meter

1) Non-resetting totalizing fuel meter

Meter Type \_\_\_\_\_ (either "Main PG&E meter" used for billing purposes or "other")

If "Main PG&E Meter", then list all other natural gas consuming equipment that are connected to this meter.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Note: When using one main PG&E gas meter which has other gas consuming equipment connected to it, compliance with the low fuel exemption will be determined from the totalized meter reading regardless if the boiler's fuel consumption is only a portion of the totalized meter reading.**

If "other", then

Make and Model \_\_\_\_\_

Date of installation \_\_\_\_\_

Does the meter compensate for pressure and temperature using integral gauges \_\_\_\_\_ Yes \_\_\_\_\_ No

2) Non-resetting totalizing hour meter

**Note: Fuel usage will be determined by multiplying hours by maximum heat input of the unit**

Approval of low fuel usage exemption requires one of the following conditions be met. Which of the following will be used?:

\_\_\_\_\_ Maintain stack-gas oxygen concentrations at less than or equal to 3.00% by volume on a dry basis.

**Note: This will require testing to verify compliance**

\_\_\_\_\_ The unit shall be tuned at least once per calendar year in accordance with the procedure described in Attachment A in Rule 411 - Boiler NO<sub>x</sub>.

**Note: The first boiler tune-up shall be performed in the calendar year that the low fuel usage permit is issued.**

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### FUEL TYPE/ GAS

Specify Type: \_\_\_\_\_ Natural \_\_\_\_\_ Other (specify) \_\_\_\_\_

