

# Fuel Safety Bulletin

## 2006-02

**Dated: February 23, 2006**

*Rev. 1 - July 19, 2006*

*Rev 2 - Sept. 12, 2006*

### **Subject: Conversion of existing certified boilers from oil or propane to natural gas**

**This policy refers to *existing, in-service* boilers for which the manufacturer does not make a certified gas conversion burner or one for which the manufacturer is no longer in business. *New boilers must be certified for the fuel to be used.***

**This does not apply to uncertified boilers presently in use, nor does it apply to new boilers. All boilers to be converted must bear a recognized certification label for the fuel used at present.**

The following information shall be submitted to Fuel Safety Section for plan review prior to starting the conversion. Upon review of the submitted documents Fuel Safety Section may or may not grant approval for the boiler to be converted.

The Fuel Safety Section will require that a testing agency such as CSA perform the evaluation.

1. A letter from the Boiler manufacturer (if possible) or Burner manufacturer, on company letterhead, stating that the burner (make model and serial number) is compatible with the appliance (make model and serial number). The letter shall also include as a minimum the following supporting documentation;
  - a. Combustion chamber geometry,
  - b. Flame dimensions,
  - c. Min and max pressures, and
  - d. Required combustion setup (acceptable O<sub>2</sub>, CO, CO<sub>2</sub> and stack temperatures).
2. A letter stating that the boiler will be thoroughly cleaned and inspected before conversion, and
3. A CSA Special Inspection form and the applicable fee. This form is available from our website at; [http://www.gov.ns.ca/snsmr/forms/pdf/fuel\\_safety/Special\\_Appliance\\_Label\\_Application\\_rev03.pdf](http://www.gov.ns.ca/snsmr/forms/pdf/fuel_safety/Special_Appliance_Label_Application_rev03.pdf)

Sincerely,

Dale C. Stewart  
Chief Inspector, Fuel Safety