

Fuel Safety Bulletin

2008-04

Conversion of existing commercial/industrial natural gas equipment to use propane

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A commercial appliance, presently operating on natural gas, and bearing a complete and legible rating plate, and certification mark, may be converted to use propane gas by one of the following methods;

- 1. Field-convertible appliance** - This is an appliance that has both gases noted on the certified rating plate of the appliance. Simply convert the appliance following the manufacturers instructions.
- 2. Certified conversion kit** - This is a kit supplied by the manufacturer, but certified (e.g. by CSA) for the conversion of the specific appliance that it was ordered for. This kit is complete and has detailed instructions. It also bears a certification label, and has labels or stickers to be installed as noted in the installation instructions. (normally beside the existing rating plate) **It must be noted that these kits are extremely rare.**
- 3. All others** -
 - (a) Contact a Fuel Safety Inspector before starting any work.
 - (b) Contact the appliance manufacturer to see if the appliance is convertible (some are not).
 - (c) Order all parts that the manufacturer feels are necessary for a proper conversion.
 - (d) Apply for CSA Field Inspection - forms and payment to Fuel Safety Section
Forms for this are available online at:
<http://www.gov.ns.ca/snsmr/pdf/ans-fuel-safety-appliance-label-converted-for-usage-ns.pdf> or
<http://www.gov.ns.ca/snsmr/pdf/ans-fuel-safety-appliance-label-installed-ns.pdf>
 - (e) Affix a permanent conversion plate/label next to the original rating plate.
Plate must state;
 1. Date of conversion
 2. Permit number
 3. Converting Technicians name and certificate number
 4. The statement “*This unit has been converted to use natural gas*”

NOTE: New appliances must be labeled for the fuel to be used. Conversion of new appliances voids their certification and is not allowed.

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