



<b>Fuels Safety Program</b>	Ref. No.: FS- 156- 09	Rev. No.:
<b>DIRECTOR'S PUBLIC SAFETY ORDER</b>	Date: September 21, 2009	Date: Date

**IN THE MATTER OF:  
THE TECHNICAL STANDARDS AND SAFETY ACT, 2000,  
S.O. 2000, c. 16**

**- and -**

**ONTARIO REGULATION 212/01 made under the  
Technical Standards and Safety Act, 2000  
(Gaseous Fuels)**

**Subject:** Natural Gas and Propane Fired Boilers with an Input less than 300 000 BTUH installed in a Residential Building Intended for One or Two Families

**Sent to:** Gaseous Fuels Advisory Council, Propane Fuels Advisory Council, TSSA Fuels (Natural Gas and Propane) Registered Contractors, and TSSA G1, G2, G3 and GUT Certificate Holders

**Pursuant to subsection 31.2 of the *Technical Standards and Safety Act, 2000*, the Director hereby orders the following:**

1. A new or replacement residential boiler with an input less than 300 000 BTUH shall be :
  - a. a direct vent type, where the direct-vent appliance is constructed so that all the combustion air is supplied directly from, and the products of combustion are vented directly to, the outdoors by independent enclosed passageways connected directly to the appliance; or
  - b. a residential Category I, natural draft boiler equipped with a draft hood with an input less than 300 000 BTUH may be installed in the same location as the boiler that is being replaced, provided that:
    - i. the boiler is installed in a room that is not normally occupied and that does not directly communicate with occupied areas (boiler room shall be isolated including but not limited to sealing the door(s) with weather stripping, joist spaces closed off with appropriate sealing method, etc.);
    - ii. the boiler room door(s) shall be equipped with self-closing hardware and kept closed during boiler operation;
    - iii. combustion air is supplied from the outdoors to the space in which the boiler is located in accordance with Clauses 8.2.4 and 8.3 of CAN/CSA-B149.1-05, Natural Gas and Propane Installation Code, regardless of building construction;
    - iv. combustion air shall be in accordance with the manufacturers certified instructions; and
    - v. a carbon monoxide alarm certified to CSA-6.19-01 shall be installed adjacent to or within each sleeping area in every suite of the home.

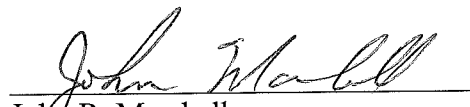
2. A new or replacement residential boiler with an input less than 300 000 BTUH that is not a direct vent type or a residential Category I natural draft boiler equipped with a draft hood, may be installed provided that:

- a. combustion air is supplied from the outdoors to the space in which the boiler is located in accordance with Clauses 8.2.4 and 8.3 of CAN/CSA-B149.1-05, Natural Gas and Propane Installation Code, regardless of building construction;
- b. combustion air shall be in accordance with the manufacturers certified instructions; and
- c. a carbon monoxide alarm certified to CSA-6.19-01 shall be installed adjacent to or within each sleeping area in every suite of the home.

This Order is effective October 15, 2009.

Dated at Toronto this 21<sup>st</sup> day of September, 2009

ORDERED BY:

  
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John R. Marshall  
Director, Gaseous Fuels Regulation,  
*Technical Standards and Safety Act, 2000*