

Gas (Safety and Measurement) Regulations—Exemption for North American Gas Appliances Notice 2020

Pursuant to Regulation 85 of the Gas (Safety and Measurement) Regulations 2010 (“Regulations”), I, Tony Hetherington, Head of High Hazards, Energy and Public Safety, WorkSafe New Zealand, give the following notice of exemption.

Notice

1. Short title and commencement

This notice is the Gas (Safety and Measurement) Regulations—Exemption for North American Gas Appliances Notice 2020.

This exemption is to take effect on **11 February 2020**.

2. Exemption

Gas appliances that are certified to a standard identified in clause 4 of this notice are hereby exempt from the requirements of Regulation 54(3) of the Regulations, provided that the certification was obtained before the appliance was sold or offered for sale in New Zealand and they—

- are certified by one of the certification bodies identified in clause 3 of this notice; and
- meet all of the relevant conditions set out in clause 5 of this notice; and
- are not excluded under clause 6 of this notice.

3. Certification bodies

The following bodies may certify gas appliances for the purposes of this notice:

- Canadian Standards Association;
- Underwriters Laboratories.

4. Standards

The applicable standards are as follows:

Appliance type	Applicable standard
Gas clothes dryers	ANSI Z21.5.1-2017/CSA 7.1-2017 <i>Gas clothes dryers, volume I, type 1 clothes dryers</i>
Gas-fired low-intensity infrared heaters	ANSI Z83.20-2016/CSA 2.34-2016 <i>Gas-fired tubular and low-intensity infrared heaters</i>
Gas-fired low pressure steam and hot water boilers	ANSI Z21.13-2017/CSA 4.9-2017 <i>Gas-fired low pressure steam and hot water boilers</i>
Gas-fired outdoor infrared patio heaters	ANSI Z83.26-2014/CSA 2.37-2014 <i>Gas-fired outdoor infrared patio heaters</i>
Gas storage water heaters with input ratings above 75,000 BTU per hour	ANSI Z21.10.3-2017/CSA 4.3-2017 <i>Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 BTU per hour, circulating and instantaneous</i>
Gas storage water heaters with input ratings of 75,000 BTU per hour or less	ANSI Z21.10.1-2017/CSA 4.1-2017 <i>Gas water heaters, volume I, storage water heaters with input ratings of 75,000 BTU per hour or less</i>
Gas-fired unvented room heaters	CSA/ANSI Z21.11.2:19 <i>Gas-fired room heaters, volume II, unvented room heaters</i>
Gas-fired waterless toilets	CSA CGA 5.2:71 (R2019) <i>Gas-Fired Waterless Toilets</i>
Gas food service equipment	ANSI Z83.11-2016/CSA 1.8-2016 <i>Gas food service equipment</i>
Household cooking gas appliances	CSA/ANSI Z21.1-2018/CSA 1.1-2018 <i>Household cooking gas appliances</i>
Outdoor cooking gas appliances	ANSI Z21.58-2018/CSA 1.6-2018 <i>Outdoor cooking gas appliances</i>
Outdoor cooking specialty gas appliances	ANSI Z21.89-2017/CSA 1.18-2017 <i>Outdoor cooking specialty gas appliances</i>
Outdoor decorative gas appliances	ANSI Z21.97-2017/CSA 2.41-2017 <i>Outdoor decorative gas appliances</i>
Portable type gas camp stoves	ANSI Z21.72-2016/CSA 11.2-2016 <i>Portable type gas camp stoves</i>
Portable type gas camp heaters	ANSI Z21.63-2014/CSA 11.3-2014 <i>Portable type gas camp heaters</i>
Portable type gas camp lights	ANSI Z21.73-2017/CSA 11.1-2017 <i>Portable type gas camp lights</i>
Vented gas fireplace heaters	ANSI Z21.88-2017/CSA 2.33-2017 <i>Vented gas fireplace heaters</i>

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Vented gas fireplaces	ANSI Z21.50:19/CSA 2.22:19 <i>Vented decorative gas appliances</i>
Vented gas-fired space heating appliances	ANSI Z21.86-2016/CSA 2.32-2016 <i>Vented gas-fired space heating appliances</i>

5. Conditions

The following conditions apply to appliances exempt under this notice:

- a. a gas appliance incorporating electrical equipment with a low voltage external supply must be tested for gas safety compliance using a supply of 230 volts, 50Hz (nominal);
- b. an LPG appliance, other than an appliance for use with non-refillable cartridges, must be tested as follows:
 - i. either—
 - A. the tests specified in the compliance standard must be conducted with Test Gas D (butane); and
 - B. combustion tests, and tests of burner operating characteristics, pilot operating characteristics, and ignition, must also be conducted with Test Gas E (propane) with no change whatever in burner equipment; or
 - ii. in the case of an outdoor cooking gas appliance or an outdoor cooking specialty gas appliance, tests for temperature hazards, heat resistance, flame abnormalities, including sooting, and tests in which CO ratios or concentrations are measured must be conducted with Test Gas D (butane) with no change whatever in burner equipment.

6. Exclusions

This notice does not apply to:

- a. any gas appliance operating with a valve cartridge which is horizontally integrated into the chassis of the appliance also called ***flat portable gas stove***;
- b. any portable space heater not intended for connection to a cylinder, and intended for connection to a valve cartridge which is horizontally integrated into the chassis of the appliance;
- c. any mobile or portable, unflued heater that is designed for indoor use and operates on liquefied petroleum gas (LPG) using an LPG gas cylinder that is self-contained within the heater, commonly known as a ***cabinet heater***.

7. Expiry

Unless revoked or amended earlier, this notice expires on **31 March 2021**.

Dated at Wellington this 11th day of February 2020.

TONY HETHERINGTON, Head of High Hazards, Energy and Public Safety, WorkSafe New Zealand.