

<b>Title</b>	<b>Maintain gas pressure and control devices</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	<p>This unit standard is for people who work in the gasfitting industry.</p> <p>People credited with this unit standard are able to maintain gas pressure and control devices.</p>
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<b>Classification</b>	Plumbing, Gasfitting and Drainlaying > Gasfitting
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:
- Building Act 2004;
  - Electricity Act 1992;
  - Gas Act 1992;
  - Gas (Safety and Measurement) Regulations 2010;
  - Health and Safety at Work Act 2015;
  - Plumbers, Gasfitters, and Drainlayers Act 2006;
  - Plumbers, Gasfitters, and Drainlayers Regulations 2010.

The following standard, which is available at <http://www.standards.govt.nz>:  
 NZS 5601.1:2013 *Gas installations – Part 1: General installations*.

The following Building Code clause, and any related Acceptable Solution and Verification Method documents, which are available at <https://www.building.govt.nz/>:

- New Zealand Building Code Clause G11 Gas as an Energy Source.

Any new, amended or replacement referenced standards, codes of practice, guidelines, Building Code Acceptable Solutions and Verification Methods, or authority requirements affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

- 2 Definitions
- Job specifications* refer to instructions (oral, written, graphic) and may include any of the following: manufacturer instructions; design drawing detail specifications; specifications from a specialist source such as an architect, designer, engineer, or a supervisor; and site or work specific requirements.
- Maintain* may refer to all or any of – service, repair, upgrade, alter, remove, replace.

- 3 Candidates must hold a current limited certificate trainee authorisation or exemption under supervision as issued under the Plumbers, Gasfitters, and Drainlayers Act 2006.
- 4 Assessment information  
All work must be completed in accordance with job specifications and relevant standards and codes.
- 5 Level of performance  
To achieve this standard the candidate must be capable of consistently performing the requirements:
- to current and relevant legislation, standards and codes (including safety);
  - in an environmentally sustainable manner;
  - within an acceptable timeframe;
  - in the workplace;
  - in different and unfamiliar contexts.

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## Outcomes and performance criteria

### Outcome 1

Maintain gas pressure and control devices.

Range regulators, pressure-raising devices, under and over pressure cut offs, solenoids, excess-flow valves, filters, relief valve, seismic shutdown, flashback protection, gas leakage detection devices, interlocks (including fire); evidence is required for a minimum of four different devices.

### Performance criteria

- 1.1 Identify faults in terms of the nature of the fault and possible means of rectification.
- 1.2 Rectify faults in accordance with maintenance requirements.
- 1.3 Retest and commission gas pressure and control devices in accordance with maintenance requirements.

<b>Replacement information</b>	This unit standard and unit standard 33413 replaced unit standard 30714.
<b>Planned review date</b>	31 December 2029

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	25 July 2024	N/A

**Consent and Moderation Requirements (CMR) reference**

0003

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.