

Title	Select, position, and install gas pressure and control devices		
Level	4	Credits	3

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

- 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 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.

Outcomes and performance criteria

Outcome 1

Select, position, and install 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 Select and position gas pressure and control devices in accordance with job specifications.
- 1.2 Install gas pressure and control devices in accordance with job specifications.
- 1.3 Test and commission gas pressure and control devices in accordance with job specifications and relevant standards and codes.

Replacement information	This unit standard, and unit standard 33415 replaced unit standard 30714.
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Planned review date	31 December 2029
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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
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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 if you wish to suggest changes to the content of this unit standard.