

Title	Demonstrate knowledge of the regulatory framework for gas network operations		
Level	5	Credits	5

Purpose	<p>People credited with this unit standard are able to, for gas network operations:</p> <ul style="list-style-type: none"> – describe the purpose of legislation, regulations, industry standards, and industry bodies; and – explain the purpose, roles, and functions of the regulatory framework.
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Classification	Gas Industry > Gas Network Operations
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer specifications, company procedures, and legislative requirements.
- 2 Legislation, regulations, and standards relevant to this unit standard include:
 - Gas Act 1992;
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - Gas (Safety and Measurement) Regulations 2010;
 - Health and Safety in Employment (Pipelines) Regulations 1999;
 - AS/NZS 4645.1: 2018 *Gas distribution networks – Part 1: Network management*;
 - AS/NZS 4645.2: 2018 *Gas distribution networks – Part 2: Steel pipe systems*;
 - AS/NZS 4645.3: 2018 *Gas distribution networks – Part 3: Plastic pipe systems*; available from www.standards.govt.nz;
 - AS 2885.1: 2018 *Pipelines – Gas and liquid petroleum Design and Construction*;
 - AS 2885.3: 2022 *Pipelines – Gas and Liquid Petroleum, Operation and Maintenance*; available from www.standards.org.au;
 - NZS 5259: 2015 *Gas Measurement*;
 - NZS 7901: 2014 *Electricity and gas industries – Safety management systems for public safety*; available from www.standards.govt.nz;

and any subsequent amendments and replacements.

- 3 Information on the New Zealand gas industry is available on the following websites:
- Gas New Zealand, www.gasnz.org.nz;
 - Commerce Commission, www.comcom.govt.nz;
 - Ministry of Business, Innovation and Employment, www.mbie.govt.nz;
 - Gas Industry Company Limited, www.gasindustry.co.nz;
 - Energy Safety <https://www.worksafe.govt.nz/topic-and-industry/energy-safety>;
 - Worksafe New Zealand www.business.govt.nz/worksafe/.
- 4 Definitions
- APGA* refers to the Australian Pipeline and Gas Association.
- Company procedures* mean the documented methods for performing work activities, and include health and safety, operational, environmental, and quality management requirements. They may refer to legislation, regulations, guidelines, standard operating procedures, manuals, codes of practice, or policy statements.
- GANZ* refers to the Gas Association of New Zealand.
- IGEM* refers to the Institution of Gas Engineers and Managers.
- NACE* refers to the National Association of Corrosion Engineers.

Outcomes and performance criteria

Outcome 1

Describe the purpose of legislation, regulations, industry standards, and industry bodies for gas network operations.

Performance criteria

- 1.1 Legislation and regulations are described in terms of their function relating to gas network operations.
- Range Gas Act, Gas (Safety and Measurement) Regulations 2010, Health and Safety in Employment (Pipelines) Regulations 1999, Health and Safety at Work Act 2015, Resource Management Act 1991.
- 1.2 Industry standards are described in terms of their application to gas network operations.
- Range AS/NZS 4645 1,2,3, AS 2885 1,3, NZS 5259, NZS 7901.
- 1.3 Implications of non-compliance with legislation, regulations, and standards are described in terms of gas network operations.
- 1.4 Industry bodies are described in terms of their role and the information they provide for gas network operations.
- Range APGA, GANZ, IGEM, NACE.

Outcome 2

Explain the purpose, roles, and functions of the regulatory framework for gas network operations.

Performance criteria

2.1 The purpose of regulations within the gas industry is explained in terms of gas network operations.

2.2 Gas industry regulators are explained in terms of roles and functions.

Range Gas Industry Company, Commerce Commission.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 November 1997	31 December 2018
Revision	2	3 August 2000	31 December 2018
Revision	3	22 May 2001	31 December 2018
Review	4	22 October 2002	31 December 2018
Review	5	20 November 2006	31 December 2018
Review	6	17 August 2017	31 December 2025
Review	7	24 November 2022	N/A

Consent and Moderation Requirements (CMR) reference	0014
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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 Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangāAraRau.nz if you wish to suggest changes to the content of this unit standard.