

Title	Describe, prepare, and review operational and safety procedures for gas network operations		
Level	5	Credits	10

Purpose	People credited with this unit standard are able to: <ul style="list-style-type: none"> – describe operational and safety procedures; – prepare operational and safety procedures; and – review operational and safety procedures for gas network operations.
----------------	--

Classification	Gas Industry > Gas Network Operations
-----------------------	---------------------------------------

Available grade	Achieved
------------------------	----------

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 7901: 2014 *Electricity and gas industries – Safety management systems for public safety*; available from www.standards.govt.nz;
 - ISO 9000; available from www.iso.org, and any subsequent amendments and replacements.
- 3 It is recommended people achieve Unit 12497, *Demonstrate knowledge of the regulatory framework for gas network operations* or demonstrate equivalent knowledge and skills before being assessed against this unit standard.

4 Definition

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.

Outcomes and performance criteria

Outcome 1

Describe operational and safety procedures for gas network operations.

Performance criteria

1.1 Operational and safety procedures are described in terms of their purpose.

Range procedures may include but are not limited to – routine procedures, non-routine procedures, work instructions, checklists, process flowcharts;
evidence of three operational and safety procedures is required.

1.2 Company document management systems are described in terms of their purpose in accordance with company procedures.

Range ISO requirements, document control, document storage and access.

Outcome 2

Prepare operational and safety procedures for gas network operations.

Performance criteria

2.1 New or modified operational and safety procedures are drafted for approval and produced in accordance with company procedures.

Range evidence of three procedures is required.

Outcome 3

Review operational and safety procedures for gas network operations.

Performance criteria

3.1 Operational and safety procedures are reviewed to ensure they are fit for purpose.

Range evidence of three procedures is required.

3.2 Changes to operational and safety procedures are documented and actioned in accordance with company procedures.

Planned review date	31 December 2027
----------------------------	------------------

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
Review	3	22 October 2002	31 December 2018
Review	4	20 November 2006	31 December 2018
Review	5	17 August 2017	31 December 2025
Review	6	24 November 2022	N/A

Consent and Moderation Requirements (CMR) reference	0014
--	------

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.