

<b>Title</b>	<b>Audit worksite systems in a gas network</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate knowledge of the documentation and company procedures for auditing a worksite system in a gas network; and audit worksite activities.
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<b>Classification</b>	Gas Industry > Gas Network Operations
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 This unit standard is intended for, but is not limited to, workplace assessment. The range statements relate to enterprise specific equipment, procedures, and processes.
- 2 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer's specifications, company procedures and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 3 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of the:
  - Health and Safety at Work Act 2015;
  - Resource Management Act 1991;
  - Excavation Safety good practice guidelines ISBN 978-0-908336-49-4 (online);
  - NZS 5257.1:2004 *Gas industry audit protocol*;
  - NZS 5259:2015 *Gas measurement*;
  - AS/NZS 4645.1:2018 *Gas distribution networks – Network management*;
  - AS/NZS 4645.2:2018 *Gas distribution networks – Steel pipe systems*;
  - AS/NZS 4645.3:2018 *Gas distribution networks – Plastics pipe systems*;
  - AS 2885.1-2018 *Pipelines – Gas and liquid petroleum Design and construction*;
  - AS 2885.3-2018 *Pipelines – Gas and liquid petroleum Operation and maintenance*;
  - NZS 7901:2014 *Electricity and gas industries – Safety management systems for public safety*;
 and any subsequent amendments and replacements.
- 4 References
  - Australian standards (AS) may be found at [www.standards.org.au](http://www.standards.org.au);
  - Australian/New Zealand standards (AS/NZS) may be found at [www.standards.govt.nz](http://www.standards.govt.nz);
  - New Zealand standards (NZS) may be found at [www.standards.govt.nz](http://www.standards.govt.nz).

- 5 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 6 **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.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of the documentation and company procedures for auditing a worksite system in a gas network.

#### Performance criteria

- 1.1 Documentation and company procedures for auditing a worksite system in a gas network are located and interpreted in relation to a specified job.
- 1.2 Documentation of staff competency is confirmed as meeting job requirements.
- 1.3 Job instructions and specifications are confirmed.

Range instructions include – site location, audit scope;  
may include – induction, identification, site contact.

### Outcome 2

Audit worksite activities.

#### Performance criteria

- 2.1 Potential safety hazards are identified and controlled.
- 2.2 Work being undertaken is assessed against authorisation and job requirements to ensure compliance.

Range requirements may include – personnel competency, safety controls, local authority requirements, traffic management plan, other utility protection, client or customer liaison.

- 2.3 Specific job requirements are assessed to ensure compliance with specifications.
- Range may include – operations and maintenance, construction; operations and maintenance may include – clearances, enclosures, pressure settings, purging, commissioning, maintenance, equipment location, security; construction may include – depth of cover, trench dimensions, clearances, enclosures, jointing, pressure test, tracer wire, warning tape, purging, commissioning, reinstatement.
- 2.4 Deviations from expected conditions, authorisations, and site requirements are identified and recorded.
- 2.5 Unsafe deviations are identified, and immediate action taken, if required.
- 2.6 Site specific documentation is checked to ensure it is completed.
- 2.7 Audit results are reported to internal and external parties.

<b>Planned review date</b>	31 December 2025
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 October 2002	31 December 2018
Review	2	20 November 2006	31 December 2018
Review	3	17 August 2017	31 December 2023
Review	4	27 May 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 MITO New Zealand Incorporated [info@mito.org.nz](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.