

Title	Use fresh air distance breathing apparatus in a gas network		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: demonstrate knowledge of procedures, documentation and equipment for using fresh air distance breathing apparatus; and use fresh air distance breathing apparatus in a gas network.
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Classification	Gas Industry > Gas Network Operations
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Available grade	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:
Health and Safety at Work Act 2015;
AS/NZS 4645.1:2018 Gas distribution networks – Network management;
AS 2885.3-2012 Pipelines – Gas and liquid petroleum Operation and maintenance;
and any subsequent amendments and replacements.
- 4 References
Australian standards (AS) may be found at www.standards.org.au;
Australian/New Zealand standards (AS/NZS) may be found at 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 This unit standard covers either fan-assisted or non-fan assisted breathing apparatus.
- 7 Assessment against this unit standard may take place under real or practical simulated conditions.

8 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

Demonstrate knowledge of procedures, documentation, and equipment for using fresh air distance breathing apparatus.

Performance criteria

- 1.1 Documentation and company procedures for using fresh air distance breathing apparatus are located and interpreted.
- 1.2 Types and function of distance breathing apparatus, components, and materials are described.
- Range full face mask, breathing hose;
may include – harness, waist belt, fan unit, vent, filter, ground spike, hose coupler.
- 1.3 Potential environmental and safety hazards are identified and controlled.
- Range hazards may include – restricted working, asphyxiation, health hazards, poor communication;
evidence of three hazards is required;
controls may include – personal protective equipment, safety observer, hygiene, safe atmosphere, gas detection, communication equipment;
evidence of three different controls is required.
- 1.4 Potential faults associated with fresh air breathing apparatus components are identified prior to use and steps to remedy them are described.

Outcome 2

Use fresh air distance breathing apparatus in a gas network.

Performance criteria

- 2.1 Fresh air distance breathing apparatus is laid out for use.
- 2.2 Face mask and visor are cleaned and prepared for use.
- 2.3 Fresh air distance breathing apparatus is put on.
- 2.4 Fit and soundness of face mask are tested.

- 2.5 Soundness of system is checked.
- 2.6 Fresh air distance breathing apparatus is used.
- 2.7 Equipment is removed, checked, and cleaned for storage.

Planned review date	31 December 2026
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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
Review	3	22 October 2002	31 December 2018
Review	4	20 November 2006	31 December 2020
Review	5	17 August 2017	31 December 2021
Revision	6	30 August 2018	31 December 2021
Review	7	27 February 2020	N/A
Rollover	8	30 January 2025	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 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.