

Title	Inspect an aerial span on gas pipeline systems		
Level	4	Credits	2

Purpose	People credited with this unit standard are able to inspect an aerial span on gas pipeline systems.
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Classification	Gas Industry > Gas Transmission 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;
Resource Management Act 1991;
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 – Plastic pipe systems*;
AS/NZS 2885.1-2018 *Pipelines – Gas and liquid petroleum Design and construction*;
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 Definitions

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.

Signage may refer to signs and posts.

Outcomes and performance criteria

Outcome 1

Inspect an aerial span on gas pipeline systems.

Performance criteria

- 1.1 Pipe coating condition is identified in accordance with maintenance requirements.
- Range may include – paint condition, coating type and condition, frequency of coating repairs, amount of corrosion.
- 1.2 Transition from underground to above ground pipe coating and wrapping requirements is identified.
- Range may include – type of wrap, condition, adhesion to pipe, condition of pipe, ground composition.
- 1.3 Protective barrier maintenance requirements are identified.
- Range may include – integrity of barrier, corrosion, signage, visibility.
- 1.4 Condition of support devices is inspected.
- Range may include – integrity of supports, corrosion, ground stability, paint condition, visual impact, rubber sleeving, access.
- 1.5 Signage is checked.
- Range may include – damage, accuracy, location, missing signs, visibility.
- 1.6 As found conditions and maintenance work performed is recorded.
- Range may include – photographs, non-destructive testing results, check-sheets, incident report, job cards.
- 1.7 Further remedial work requirements are recorded.

Replacement information	This unit standard and unit standard 32038 replaced unit standard 30369.
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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	27 February 2020	N/A
Rollover	2	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.