

Title	Manage pipe handling, preparation, and assembly for trenchless installation		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to manage pipe handling, preparation, and assembly for trenchless installation.
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Classification	Infrastructure Works > Pipeline Construction and Maintenance
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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 relevant legislative and industry requirements.
- 2 Legislation relevant to this unit standard includes: Health and Safety at Work Act 2015, and any subsequent amendments.
- 3 Definitions
Industry requirements refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents, Waka Kotahi New Zealand Transport Agency specifications and guidelines.
- 4 Range
Evidence must be provided for three different installation operations.

Outcomes and performance criteria

Outcome 1

Manage pipe handling, preparation, and assembly for trenchless installation.

Performance criteria

- 1.1 Size and storage requirements of pipe are determined, and area required for pipe storage, handling, preparation, and assembly is calculated and set out on site.

- 1.2 The logistical requirements of the operation are determined, and the pipe handling, preparation and assembly process is planned to minimise delays and interference with public activities.
- 1.3 Pipe is checked on arrival on site, and any required action to ensure it is suitable for use is carried out.
- 1.4 Factors which may affect the pipe handling, preparation, and assembly process are identified and plans for their mitigation are put in place prior to commencement of the operation.

Range factors may include – temperature, memory of pipe, ground friction, obstacles, damage to pipe during operations.

- 1.5 Pipe handling, preparation, and assembly during installation operations is monitored and any required adjustments are made in accordance with the planned process.

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	29 November 2018	31 December 2023
Review	2	26 August 2021	N/A

Consent and Moderation Requirements (CMR) reference	0101
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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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.