

Title	Set up site and equipment for trenchless pipe installation or rehabilitation and disestablish the site afterwards		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to set up a site and equipment for, and disestablish a site after, trenchless pipe installation or rehabilitation.
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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.
Set-out means to set out a site by survey method using pegs.
- 4 Range
 This unit standard does not include the knowledge and skills of operating a mobile excavator, and road opening and restoration. Evidence must be provided for two different sites.

Outcomes and performance criteria

Outcome 1

Set up a site for trenchless pipe installation or rehabilitation.

Performance criteria

- 1.1 Public and work area protection is set up.

- 1.2 On-site hazards are identified and reported and/or controlled.
- 1.3 On-site environmental controls are implemented.
- 1.4 General site layout, existing services, and ground conditions are visually inspected, and any possible problems identified for the intended operations are reported.
- 1.5 Set-out is undertaken.
- 1.6 Surfaces are opened and pits excavated as required for entry and exit works and for visual inspection during the operations.

Outcome 2

Set up equipment for trenchless pipe installation or rehabilitation.

Performance criteria

- 2.1 Equipment is checked to establish its fitness for the operation and to identify any faults and maintenance needs. Any problems are reported.
- 2.2 Communication systems are established and confirmed.
- 2.3 Equipment is set up and systems are pre-tested.
- 2.4 Any required temporary supply and/or flow management measures are put in place.

Outcome 3

Disestablish a site after trenchless pipe installation or rehabilitation.

Performance criteria

- 3.1 Plant and equipment is shut down and removed.
- 3.2 Materials are removed and/or disposed of.
Range excess pipe, excavated ground spoil, chemicals, cleaning debris.
- 3.3 Any required surface reinstatement is carried out.

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

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.