

Title	Carry out pipeline construction or maintenance preparation and service location		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to carry out preparation for pipeline construction or maintenance works, and locate and identify services for pipeline construction or maintenance.
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Classification	Infrastructure Works > Infrastructure Works Utilities
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Available grade	Achieved
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Guidance Information

- 1 Legislation and references relevant to this unit standard include: Health and Safety at Work Act 2015, Resource Management Act 1991.
National Code of Practice for Utilities' Access to the Transport Corridors (Wellington: NZ Utilities Advisory Group), available from <http://www.nzuag.org.nz/national-code/>;
Guide for Safety with Underground Services (Wellington: Electricity Engineers Association of NZ Inc., 2002); and Excavation Safety – Good Practice Guidelines 2016, available from;
Local authority requirements.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters will depend on company and site-specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.
- 3 Definitions
Company requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements applicable to the company or a specific site. Requirements are documented in the company's health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.
Contract specifications include plans, diagrams, and special technical conditions. They do not include special administrative conditions.
Network stand-over is an on-site technician provided by a network service provider, whose role is to advise on digging in the vicinity of the network's services.
Status of services refers to whether they are currently live or redundant.

Outcomes and performance criteria

Outcome 1

Carry out preparation for pipeline construction or maintenance works.

Performance criteria

- 1.1 Location and scope of works are determined from plans or asset condition reports and confirmed in accordance with contract specifications and company requirements.
- 1.2 Site conditions are checked and confirmed as suitable for works to take place, and levels and positional requirements are established from the plans and confirmed on site in accordance with company requirements and contract specifications.
- 1.3 Plant, equipment and materials are selected in accordance with method to be employed and company requirements.
- 1.4 Site management and communication requirements are identified and confirmed as in place before commencement of work.

Range site safety plan, environmental plan, any traffic management plan.

Outcome 2

Locate and identify services for pipeline construction or maintenance.

Performance criteria

- 2.1 Type, location, and status of services to be located and identified are determined and confirmed using current drawing or site plan, and in accordance with company requirements.
- 2.2 Existing services and their offset positions are located and marked, and any required network stand-over is arranged in accordance with company requirements and contract specifications.
- 2.3 If a service cannot be located, action to investigate is determined and carried out in accordance with company requirements and contract specifications.
- 2.4 Position and status of services, including any unidentified services, is recorded, reported, and communicated to site management in accordance with company requirements and contract specifications.
- 2.5 Any damage to services is managed and reported in accordance with company requirements and contract specifications.

Planned review date	31 December 2023
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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	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 ITO qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.