

Title	Construct a pressure rising main		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to prepare to construct and construct a pressure rising main.
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Classification	Water Industry > Water Reticulation
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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,
Hazardous Substances and New Organisms (HSNO) Act 1996;
NZS 4404:2010 *Land Development and Subdivision Infrastructure*; and
Territorial authority requirements.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters will depend on 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 that may apply across the company or to a specific site. Requirements are documented in the company health and safety plans, traffic management plans, contract work programmes, quality plans, policies, and procedural documents.
Contract specifications include plans, diagrams, and special technical conditions. They do not include special administrative conditions.
Pressure rising main means a pressurised wastewater pipe through which wastewater is elevated to a point of discharge.

Outcomes and performance criteria

Outcome 1

Prepare to construct a pressure rising main.

Performance criteria

- 1.1 Plan is obtained, and method of construction is determined and confirmed in accordance with contract specifications and company requirements.

- 1.2 Plant, equipment, fittings, and materials are selected in accordance with construction method, contract specifications, and company requirements.
- 1.3 Site conditions are checked and confirmed as suitable for construction of rising main in accordance with contract specifications and company requirements.
- 1.4 Site management and communication requirements are determined and confirmed as in place before commencement of work.

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

Outcome 2

Construct a pressure rising main.

Performance criteria

- 2.1 Pressure rising main is constructed to diameter, length, levels, and minimum cover in accordance with contract specifications and company requirements.
- 2.2 Components, valves, fittings, and access points are installed in accordance with contract specifications and company requirements.
- 2.3 Any thrust blocks and anchor blocks are installed in accordance with contract specifications and company requirements.
- 2.4 Discharge access chamber is constructed at the correct level and angle to the rising main in accordance with contract specifications and company requirements.
- 2.5 Pressure rising main is prepared for connection and hold points are observed in accordance with contract specifications and company requirements.

Range testing, cleaning, flushing.
- 2.6 As-built records and required documentation are completed in accordance with contract specifications and company requirements.

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.