

<b>Title</b>	<b>Confirm alignment and reinstate pipes and structures to correct line and level</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: confirm the alignment of existing pipes and structures; and reinstate non-aligned pipes and structures to the correct line and level.
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<b>Classification</b>	Infrastructure Works > Infrastructure Works Utilities
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<b>Available grade</b>	Achieved
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### Guidance information

- 1 Legislation and requirements relevant to this unit standard include:  
Health and Safety at Work Act 2015;  
Territorial 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  
*Alignment* includes the horizontal line and grade of a pipe, and position and level of a structure. For structures, determining alignment involves identifying the correct position or level of the structure to ensure that the structure is functioning correctly, within the system.  
*Company requirements* include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements, standards, and codes of practice 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.

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### Outcomes and performance criteria

#### Outcome 1

Confirm the alignment of existing pipes and structures.

#### Performance criteria

- 1.1 The line and level of existing pipes and structures is confirmed.

- 1.2 The extent of non-aligned pipes and structures is determined.
- 1.3 Equipment used for confirming the alignment of existing pipes and structures is identified and described in terms of function.

Range equipment – laser/dumpy level, smart level, spirit level.

## Outcome 2

Reinstate non-aligned pipes and structures to the correct line and level.

Range evidence is required for realigning one pipe and one structure.

## Performance criteria

- 2.1 The method of reinstatement is determined in accordance with company requirements.

Range remove and replace, repair.

- 2.2 Bedding material is laid, as required, to allow pipes and fittings to be installed in accordance with contract specifications and manufacturer's instructions.

- 2.3 Pipes and structures are reinstated to correct line and level in accordance with contract specifications and company requirements.

<b>Planned review date</b>	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	19 February 2015	31 December 2021
Review	2	29 November 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.