

Title	Carry out rubber ring jointing on pipes for infrastructure works		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to prepare to carry out and carry out rubber ring jointing on pipes for infrastructure works.
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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, and subsequent amendments;
AS 2865: 2009 *Confined spaces*;
AS 1646-2007 *Elastomeric seals for waterworks purposes*; Australian standards are available from <https://infostore.saiglobal.com/>;
AS/NZS 2032:2006 *Installation of PVC pipe systems*;
AS/NZS 2280:2014 *Ductile iron pipes and fittings*;
AS/NZS 2566.2:2002 *Buried flexible pipelines – installation*; all available from <http://www.standards.govt.nz>.
- 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 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.
Manufacturer's instructions may include specifications, installation, handling, use and maintenance instructions and safety data sheets.

Outcomes and performance criteria

Outcome 1

Prepare to carry out rubber ring jointing on pipes for infrastructure works.

Performance criteria

- 1.1 Plan is obtained, and job details are determined and confirmed in accordance with company requirements.
- 1.2 Equipment, fittings, and materials are selected, and checked and confirmed as in accordance with contract specifications and company requirements. Action is taken to rectify any damage or non-conformance.
- 1.3 Site conditions are checked and confirmed as suitable for work to take place 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, any traffic management plan, notifications.

Outcome 2

Carry out rubber ring jointing on pipes for infrastructure works.

Performance criteria

- 2.1 Pipes are prepared and areas to be joined are cleaned, ring is positioned, and ring and spigot are lubricated in accordance with manufacturer's instructions and company requirements.
- 2.2 Pipe to be joined is aligned to the spigot and manoeuvred into place in accordance with manufacturer's instructions and company requirements.
- 2.3 Integrity testing of joint is carried out in accordance with contract specifications and company requirements.
- 2.5 Documentation is 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.