

<b>Title</b>	<b>Carry out rubber ring jointing on pipes for infrastructure works</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	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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<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 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.
- 2.4 Documentation is completed in accordance with contract specifications and company requirements.

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<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	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>.

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**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.