



**Australian Government**

# **RICTT305D Undertake localised repair and sealing of existing pipeline systems**

**Release: 2**

## RIICTT305D Undertake localised repair and sealing of existing pipeline systems

### Modification History

Release	Comment
1	This unit replaces RIICTT305A Undertake localised repair and sealing of existing pipeline systems
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

### Application

This unit develops a participant's skills and knowledge required to undertake localised repair and sealing of existing pipeline systems in Civil Construction.

This unit is appropriate for those working in operational roles.

No licensing, legislation or certification requirements apply to this unit at the time of publication.

### Unit Sector

Civil construction

### Elements and Performance Criteria

1. Plan and prepare to undertake localised repair and sealing of existing pipeline systems	1.1 Access, interpret and apply repair and sealing of existing pipeline systems documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Identify, obtain and implement signage requirements from the project traffic management plan 1.6 Identify and select plant, tools and equipment, check for
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	serviceability and rectify or report any faults
2. Perform site survey	<p>2.1 Notify and obtain approval from property owners and occupiers for entry onto their property</p> <p>2.2 Determine site conditions by visual inspection, plans, discussion with land owners and information from service utilities</p> <p>2.3 Locate underground utilities</p> <p>2.4 Maintain system serviceability during rehabilitation works</p> <p>2.5 Survey and record existing site conditions</p>
3. Initiate rehabilitation works	<p>3.1 Prepare entry and exit pits where specified</p> <p>3.2 Identify, interpret and apply confined space entry procedures</p> <p>3.3 Monitor installation process and finished product to ensure conformity to the design requirements</p>
4. Undertake localised repair and sealing	<p>4.1 Determine fault with the aid of plans, drawings, CCTV recording or other mechanisms</p> <p>4.2 Select repair or sealing method appropriate to the fault</p> <p>4.3 Apply pressure cleaning to the designated location</p> <p>4.4 Install repair or sealing material</p> <p>4.5 Conduct curing process</p> <p>4.6 Correct secure and seal termination at ends of process</p> <p>4.7 Open junctions for inspection and operation</p> <p>4.8 Monitor installation process and finished product to ensure conformity to the design requirements</p>
5. Clean up	<p>5.1 Clear work area and dispose of, reuse or recycle materials</p> <p>5.2 Clean, check, maintain and store plant, tools and equipment</p>

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

## Unit Mapping Information

RIICTT305A Undertake localised repair and sealing of existing pipeline systems

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>