



Australian Government

RIICTT305E Undertake localised repair and sealing of existing pipeline systems

Release: 1

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Modification History

This unit replaces RIICTT305D Undertake localised repair and sealing of existing pipeline systems. Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes.

Application

This unit develops the skills and knowledge required to undertake localised repair and sealing of existing pipeline systems in civil construction.

It applies to those working in operational roles. They generally work under supervision and hold some responsibility over undertaking localised repair and sealing of existing pipeline systems.

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

Unit Sector

Civil construction

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to undertake localised repair and sealing of existing pipeline systems	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply repair and sealing of existing pipeline systems documentation and confirm work activity is compliant 1.3 Identify environmental issues and potential hazards, and assess and address risks within scope of own role and according to workplace procedures 1.4 Select and wear personal protective equipment required for work activities 1.5 Complete induction procedures as required by workplace policies and procedures and job role requirements 1.6 Identify, obtain and implement signage

ELEMENT	PERFORMANCE CRITERIA
	<p>requirements from the project traffic management plan</p> <p>1.7 Identify and select plant, tools and equipment, check for serviceability and rectify and report any faults as required</p>
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 according to job and workplace requirements</p> <p>2.4 Record existing site conditions according to job and workplace requirements</p>
3. Initiate rehabilitation works	<p>3.1 Prepare entry and exit pits where specified</p> <p>3.2 Identify, interpret and apply required confined space entry procedures</p> <p>3.3 Monitor processes and confirm conformity to design requirements</p> <p>3.4 Maintain system serviceability during rehabilitation works</p>
4. Undertake localised repair and sealing	<p>4.1 Determine fault with the aid of plans, drawings, CCTV recording and other mechanisms as required</p> <p>4.2 Select repair and sealing method as required for fault</p> <p>4.3 Apply pressure cleaning to the designated location</p> <p>4.4 Install repair and sealing material as required</p> <p>4.5 Conduct curing process according to work requirements</p> <p>4.6 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 confirm finished product conforms to design requirements</p>
5. Clean up	<p>5.1 Clear work area and dispose of, reuse and recycle materials as required</p> <p>5.2 Clean, check, perform maintenance on and store plant, tools and equipment and report issues as required or address within scope of own role</p>

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Reading	<ul style="list-style-type: none">Identifies and interprets information from at times complex workplace procedures, documentation, legislation and regulations
Writing	<ul style="list-style-type: none">Records simple and routine information relating to work activities

Unit Mapping Information

Supersedes and is equivalent to RIICTT305D 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>