



Australian Government

RIICTT310D Renovate large diameter pipes and chambers

Release: 2

RIICTT310D Renovate large diameter pipes and chambers

Modification History

Release	Comment
1	This unit replaces RIICTT310A Renovate large diameter pipes and chambers
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 renovate large diameter pipes and chambers 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 renovate large diameter pipes and chambers	<p>1.1 Access, interpret and apply documentation and procedures to renovate large diameter pipes and chambers and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Obtain and confirm safety requirements from the site safety plan</p> <p>1.6 Identify, obtain and implement signage requirements from the project traffic management plan</p> <p>1.7 Identify and select plant, tools and equipment, check for</p>
---	--

	<p>serviceability and rectify or report any faults</p> <p>1.8 Identify and confirm environmental protection requirements from the project environmental management plan</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</p> <p>2.4 Maintain system serviceability during rehabilitation works</p> <p>2.5 Survey and record existing site conditions</p>
3. Initiate rehabilitation work	<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 renovation of large diameter pipes and chambers	<p>4.1 Determine fault by physical inspection</p> <p>4.2 Select renovation method appropriate to the fault</p> <p>4.3 Piece together or patch fractured or ruptured section</p> <p>4.4 Complete renovation</p> <p>4.5 Conduct curing process</p> <p>4.6 Correctly 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

RIICTT310A Renovate large diameter pipes and chambers

Links

Companion Volume implementation guides are found in VETNet -

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