



Australian Government

RIICTC301D Install tunnelling constructions services

Release: 2

RIICTC301D Install tunnelling constructions services

Modification History

Release	Comment
1	This unit replaces RIICTC301A Install tunnelling constructions services
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 describes a participant's skills and knowledge required to install tunnelling constructions services in Civil Construction.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare to install tunnelling construction services	<p>1.1 Access, interpret and apply tunnelling construction services documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, interpret, clarify and confirm work instructions before proceeding</p> <p>1.3 Identify, obtain and implement the traffic signage requirements</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Select and check for faults plant, tools and equipment to carry out tasks</p> <p>1.6 Identify, address and report hazards, risks and environmental issues</p>
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	1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Install ducting for air and ventilation	2.1 Install pipeline for compressed air to design location and connect to compressor 2.2 Install pipeline for air supply to location and specifications 2.3 Install ventilation ducting to location and specifications
3. Install pipelines for construction services	3.1 Install pipelines for drainage and connect to pumping system 3.2 Install pipelines for water supply
4. Install road/rail access	4.1 Lay, spread and compact material to provide surface for vehicular access where required 4.2 Identify and confirm rail track construction from tunnel drawings and specifications 4.3 Lay and install rail track to specifications 4.4 Install warning and directional signage to designed locations
5. Maintain services	5.1 Maintain service ducting and pipelines to operational conditions 5.2 Maintain access facilities to safe working operational requirements 5.3 Inspect and maintain rail track
6. Clean up	6.1 Clear work area and dispose or recycle materials 6.2 Plant, tools and equipment are cleaned, checked, maintained and stored 6.3 Carry out housekeeping activities

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

RIICTC301A Install tunnelling constructions services

Links

Companion Volume implementation guides are found in VETNet -

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