



Australian Government

RIICTC401D Apply the principles of tunnel construction

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIICTC401A Apply the principles of tunnel construction
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 apply the principles of tunnel construction in Civil construction.

This unit is appropriate for those working in supervisory or technical specialist roles.

No licensing, legislative 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 apply the principles of tunnel construction	1.1 Access, interpret and apply principles of tunnel construction documentation and ensure the work activity is compliant 1.2 Access, interpret and clarify the specific task information and requirements 1.3 Ensure a job plan, is available which makes best use of the available resources and meets the tunnel construction task requirements 1.4 Identify the training requirements of team members and develop training plans
2. Ensure appropriate initiation of tasks is carried out	2.1 Confirm that the necessary resources are available 2.2 Ensure clear and timely instructions are communicated to team members and others involved

	2.3 Ensure appropriate set out of tasks
3. Oversee the execution of tasks	3.1 Monitor tunnel construction task performance to ensure it achieves the required outcomes 3.2 Initiate adjustments to tunnel construction practice or job plan and ensure safe execution of work and achievement of required outcomes 3.3 Ensure plant equipment and tools maintenance requirements are carried out and recorded 3.4 Implement training plans
4. Report on the execution of tasks	4.1 Complete and submit reports 4.2 Recommend changes to improve the safety, efficiency and effectiveness of the execution of tasks

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

RIICTC401A Apply the principles of tunnel construction

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>