



Australian Government

RIICTC304D Muck out tunnel earthworks

Release: 2

RIICTC304D Muck out tunnel earthworks

Modification History

Release	Comment
1	This unit replaces RIICTC304A Muck out tunnel earthworks
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 muck out tunnel earthworks 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 muck out tunnel earthworks	1.1 Access, interpret and apply muck out tunnel earthworks documentation and ensure the work activity is compliant 1.2 Obtain, interpret, clarify and confirm work instructions before proceeding Identify, obtain and implement traffic signage requirements 1.3 Select and wear personal protective equipment appropriate for work activities 1.4 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency 1.5 Select and check for faults plant, tools and equipment to carry out tasks 1.6 Identify, address and report environmental issues, potential
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	hazards and risks
2. Bar/scale down loose material	2.1 Identify and position plant and equipment in accordance with job requirements 2.2 Bar/scale down loose material safely
3. Remove spoil by hand	3.1 Remove excavated muck 3.2 Transport muck to spoil heap
4. Load spoil by machine	4.1 Install spoil haulage lines, rail and conveyor system to engineers' and/or manufacturer's specifications 4.2 Operate mucking machines 4.3 Inspect and maintain conveyors to schedule
5. Remove spoil	5.1 Operate hauling engine smoothly 5.2 Operate continuous conveyor system 5.3 Maintain dust controls throughout mucking process
6. Conduct housekeeping activities	6.1 Clear work area and dispose of or recycle materials 6.2 Clean, check, maintain and store plant, tools and equipment 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

RIICTC304A Muck out tunnel earthworks

Links

Companion Volume implementation guides are found in VETNet -

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