



Australian Government

RIIUMM304D Construct and maintain underground roads

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIUMM304A Construct and maintain underground roads
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 construct and maintain underground roads in Metalliferous mining.

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

Metalliferous mining (Underground)

Elements and Performance Criteria

1. Plan and prepare for road construction and maintenance	1.1. Access, interpret and apply road construction and maintenance documentation, and ensure the work activity is compliant 1.2. Obtain, interpret and clarify/confirm work requirements before proceeding 1.3. Select and wear personal protective equipment appropriate for work activities 1.4. Select, and check for faults, appropriate type of equipment, tools and materials for work activities 1.5. Perform equipment pre-start checks 1.6. Identify, address and report potential risks, hazards and environmental issues 1.7. Inspect and assess site conditions and determine if scaling is required and take action 1.8. Use approved dust suppression and extraction methods 1.9. Erect signs or barricades and/or safety provisions 1.10. Ensure work area is well ventilated before entry
2. Construct roads	2.1. Prepare road surface and apply road material to meet planned road characteristics and engineering specifications 2.2. Construct road to conform with road design and location as specified by work plan 2.3. Check for and remove contaminants 2.4. Construct drains and water crossing points as appropriate for the removal of run-off, and to avoid accumulation of excessive water to minimise road damage 2.5. Ensure access ways are clear whilst constructing road 2.6. Organise for excess road material to be removed
3. Maintain roads	3.1. Maintain condition of roads to meet volume of traffic 3.2. Maintain effective drainage for the removal of excess water and ensure safe hauling surface
4. Conduct post operational procedures	4.1. Check road ensuring site is serviceable 4.2. Carry out shutdown procedures 4.3. Service and make minor adjustments to equipment 4.4. 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

RIIUMM304A Construct and maintain underground roads

Links

Companion Volume implementation guides are found in VETNet -

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