



Australian Government

RIIMSM303D Install underground shaft

Release: 2

RIIMSM303D Install underground shaft

Modification History

Release	Comment
1	This unit replaces RIIMSM303A Install underground shaft
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 underground shaft in Metalliferous Mining (Small Mines).

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 (Small Mines)

Elements and Performance Criteria

1. Plan and prepare for underground shaft installation	1.1. Access, interpret and apply underground shaft installation documentation and ensure the work activity is compliant 1.2. Inspect and evaluate site and ground conditions at the planned shaft location and determine the type of shaft to be sunk 1.3. Identify and address potential risks and hazards 1.4. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Excavate shaft	2.1. Conduct or facilitate shaft excavation in planned location 2.2. Stabilise unconsolidated ground to prevent falls of ground and shaft collar erosion 2.3. Ensure shaft is supported by shaft pillar to ensure the integrity

	of the bottom section of the shaft 2.4. Secure area over shaft collar to prevent surface water inflow 2.5. Ensure that brow area near the bottom of the shaft, and the geology and walls, are visible for inspection
3. Fit out shaft	3.1. Fit access ladders securely in shaft in accordance with shaft conditions and code of practice 3.2. Install hoisting equipment at the surface of the shaft 3.3. Ensure that services supply devices to the shaft wall are fixed away from shaft conveyance equipment 3.4. Install shaft protection to prevent falls by people and animals, and unauthorised entry into the mine 3.5. Ensure that access shaft is free of unnecessary equipment and fixtures to allow unrestricted movement of materials

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

RIIMSM303A Install underground shaft

Links

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