



Australian Government

RIIRAI602D Establish and maintain mine mechanical plant, services and infrastructure systems

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIRA602A Establish and maintain mine mechanical plant, services and infrastructure systems
2	Editorial corrections
3	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 establish and maintain mine mechanical plant, services and infrastructure systems in Coal mining.

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

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Coal mining

Elements and Performance Criteria

1. Plan and prepare mine mechanical plant, services and infrastructure systems	1.1 Access, interpret and apply mine mechanical plant, services and infrastructure system documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Establish design/selection specifications for the mine
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	mechanical plant, services and infrastructure systems from a comprehensive analysis of operating requirements 1.6 Identify design/selection options from an analysis of all relevant technical, operational and financial information, interface with existing plant where appropriate, including hazard identification and risk analysis 1.7 Select the preferred plant, equipment and services options on the basis of performance against specification requirements
2. Establish installation, testing and commissioning systems and procedures	2.1 Assess and address the hazards and risks associated with the installation of plant, equipment and services 2.2 Establish procedures for installing, testing and commissioning plant, equipment and services 2.3 Plan and prepare for integration of new and existing systems and procedures to achieve optimum performance 2.4 Identify resources required for the implementation of mine mechanical plant, services and infrastructure systems 2.5 Determine training system needs
3. Establish operational parameters and maintenance requirements for plant, equipment or services	3.1 Incorporate the operational parameters and operational /maintenance risk assessment for plant, equipment and services into site documentation 3.2 Establish maintenance plan for plant, equipment and services from site and legislative requirements and incorporate into maintenance system 3.3 Incorporate recording and reporting requirements of new plant, equipment and services information into site documentation
4. Maintain mine mechanical plant, services and infrastructure system	4.1 Establish audit/review procedures and schedule 4.2 Identify and assess future systems and equipment requirements and incorporate into planning processes 4.3 Establish procedures for incorporating feedback into the audit/review system 4.4 Establish procedures for response to instances of non-compliance or other discrepancies/deficiencies revealed by audit

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

No equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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