



Australian Government

RIIRAI505D Implement the surface mine mechanical plant management plan

Release: 2

RIIRAI505D Implement the surface mine mechanical plant management plan

Modification History

Release	Comment
1	This unit replaces RIIRAI505A Select and install surface plant and equipment
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 implement the surface mine mechanical plant management plan 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 for the implementation of the management plan	1.1 Access, interpret and apply surface mine mechanical management plan 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 Access, interpret and clarify the legislative and site requirements related to surface mine mechanical plant management plan 1.6 Identify and communicate roles and responsibilities to
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	involved persons 1.7 Identify, forecast, obtain and allocate/schedule required resources 1.8 Identify training needs and develop training plans 1.9 Encourage, receive, review and where appropriate, implement suggestions and recommendations for changes to surface mine mechanical plant management procedures
2. Implement the hazards and risk control options and measures	2.1 Implement the hazardous environment control procedures 2.2 Implement fire protection and prevention procedures on mechanical equipment 2.3 Implement procedures to control noise, dust, and other emissions initiated from or created by mechanical equipment 2.4 Implement procedures for working at heights 2.5 Implement procedures to maintain the integrity of safety critical functions of mechanical equipment 2.6 Implement procedures to control hazards in lifting and towing systems for mechanical equipment 2.7 Implement procedures to control hazards associated with transport equipment and other plant 2.8 Implement procedures to protect people in their interrelationship with mechanical equipment in the surface environment 2.9 Implement procedures to control hazards for energy dissipation and isolation systems on mechanical equipment 2.10 Implement procedures to control hazardous substances initiated from or used by mechanical equipment 2.11 Implement procedures for the interaction and/or failure of transport and production equipment 2.12 Record and report monitoring and information system data in accordance with the surface mine mechanical plant management plan
3. Audit the surface management plan	3.1 Review the effectiveness of the surface mine mechanical plant management plan in accordance with the requirement of the mine mechanical plant management plan 3.2 Audit the maintenance program and procedures in accordance with the surface mine mechanical plant management plan and statutory requirements 3.3 Audit recording and reporting systems in accordance with the surface mine mechanical plant management plan

	3.4 Audit the mechanical plant management training program for currency, relevance and compliance with the surface mine mechanical plant management plan 3.5 Report audit findings and recommendations
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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

RIIRAI505A Implement the surface mine mechanical plant management plan

Links

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