



Australian Government

RIIRAI612D Establish and maintain underground product haulage and transport systems

Release: 2

RIIRAI612D Establish and maintain underground product haulage and transport systems

Modification History

Release	Comment
1	This unit replaces RIIRAI612A Establish and maintain a surface mine mechanical plant management system
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 establish and maintain underground product haulage and transport systems in Metalliferous mining.

This unit is appropriate for those working in management roles.

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

Unit Sector

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare to develop product haulage and transport systems	1.1 Access, interpret and apply develop product haulage and transport systems 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 Identify the requirements for product haulage and transport systems 1.6 Identify systems options from an analysis of technical,
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	operational and financial information 1.7 Develop a system specification from a comprehensive analysis of mine needs 1.8 Select systems options on the basis of performance against criteria
2. Select equipment for product haulage and transport systems	2.1 Identify the requirements for product haulage and transport equipment against systems requirements 2.2 Scope the work requirement and develop key selection criteria, including hazard identification and risk analysis 2.3 Develop a specification for the required product haulage and/or transport equipment 2.4 Select equipment solutions on the basis of performance against criteria
3. Establish installation and commissioning procedures	3.1 Establish hazard identification and risk analysis procedures 3.2 Develop and establish procedures for integrating new and existing mine product haulage and transport systems and processes 3.3 Develop safe operating procedures 3.4 Develop and establish installation and commissioning procedures 3.5 Establish a program, including systems and procedures, to meet identified training requirements 3.6 Establish emergency response plans and procedures
4. Establish systems for the operation and maintenance of product haulage and transport systems and equipment	4.1 Develop operational procedures and incorporate into site documentation 4.2 Develop maintenance procedures and incorporate into site documentation 4.3 Develop and establish procedures for reviewing and modifying work processes

5. Establish systems for audit and review of product haulage and transport systems and equipment	5.1 Establish procedures to evaluate and confirm system and equipment compliance 5.2 Identify and assess future systems and equipment requirements and incorporate into planning processes 5.3 Establish procedures to confirm the currency of and compliance with maintenance and safety standards 5.4 Establish the recording and reporting system for equipment information 5.5 Establish procedures for incorporating feedback into the audit/review system 5.6 Establish procedures to confirm the currency, relevance and compliance of the training program 5.7 Establish procedures for response to non-compliances or other discrepancies/deficiencies 5.8 Audit emergency response plans and procedures for compliance
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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

RIIRAI612A Establish and maintain underground product haulage and transport systems

Links

Companion Volume implementation guides are found in VETNet -

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