



Australian Government

RIIRAI501D Implement mine transport systems and production equipment

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIRAI501B Implement mine transport systems and production 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 mine transport systems and production equipment in Coal and Metalliferous 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

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for the mine transport systems and production equipment implementation	<p>1.1 Access, interpret and apply mine transport systems and production equipment implementation documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Identify the purposes of the site transport systems and production equipment</p>
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	<p>1.6 Access and interpret the specifications for the required production equipment and transport systems</p> <p>1.7 Identify, clarify, in consultation, and communicate roles and responsibilities of individuals and work teams</p> <p>1.8 Identify training needs and develop training plans</p> <p>1.9 Access and interpret site systems requirements</p> <p>1.10 Access and review, operational and emergency procedures</p>
2. Implement systems for installation and commissioning	<p>2.1 Identify and address hazards and risks associated with the installation and operation of production equipment and transport systems</p> <p>2.2 Implement emergency response and evacuation plans and procedures</p> <p>2.3 Integrate new and existing work systems and processes to achieve required outcomes</p> <p>2.4 Implement standard operating procedures</p> <p>2.5 Implement site production and transport installation and commissioning procedures</p> <p>2.6 Implement the training plans</p> <p>2.7 Commission equipment and systems in accordance with manufacturer's specifications and site procedures</p> <p>2.8 Assess the need for modification to equipment and systems arising from the commissioning process, and report findings</p>
3. Implement systems for the operation and maintenance of transport systems and production equipment	<p>3.1 Implement procedures for the operation of production equipment and transport systems</p> <p>3.2 Implement reporting and recording systems</p> <p>3.3 Implement procedures for reviewing and modifying work processes</p>
4. Implement systems for audit and review	<p>4.1 Audit production equipment and transport systems standards for compliance with legislative and site requirements</p> <p>4.2 Audit production and transport maintenance standards for currency and compliance with legislative and site requirements</p> <p>4.3 Audit systems and equipment for compliance with legislative and site requirements</p> <p>4.4 Audit emergency response and evacuation plans and procedures for compliance with site requirements</p> <p>4.5 Audit reporting and recording systems for production and transport equipment for compliance with legislative and site</p>

	requirements
	4.6 Audit the training program for currency, relevance and compliance with site requirements

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

RIIRAI501B Implement mine transport systems and production equipment

Links

Companion Volume implementation guides are found in VETNet -

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