



**Australian Government**

# **RIIRAI603D Establish and maintain mine transport systems and production equipment**

**Release: 1**

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## **Modification History**

Not applicable.

## **Application**

This unit describes a participant's skills and knowledge required to establish and maintain mine transport systems and production equipment 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

<p>1. Plan and prepare mine transport systems and production equipment</p>	<p>1.1 Access, interpret and apply mine transport systems and production equipment 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 requirements for and purpose of production and transport systems in accordance with the system of mining</p> <p>1.6 Identify systems options from an analysis of all relevant technical, operational and financial information</p> <p>1.7 Establish specification for the production and transport system from a comprehensive analysis of operating requirements</p> <p>1.8 Select the preferred systems options on the basis of performance against specification requirements</p>
<p>2. Select equipment for production and transport systems</p>	<p>2.1 Conduct a detailed scoping of the operational requirement and develop key selection criteria, including hazard identification and risk analysis</p> <p>2.2 Establish specification for the required production and/or transport equipment</p> <p>2.3 Select the preferred equipment solutions on the basis of performance against specification requirements</p>
<p>3. Establish installation and commissioning systems and procedures</p>	<p>3.1 Establish systems to identify hazards and analyse and evaluate risks associated with the installation of production and transport systems and equipment</p> <p>3.2 Plan and prepare for integration of new and existing mine production and transport systems and processes</p> <p>3.3 Establish procedures for installing and commissioning production and transport systems and equipment</p> <p>3.4 Establish systems and procedures, to satisfy identified production and transport systems training requirements</p>
<p>4. Establish systems for the operation and maintenance of production and transport systems and</p>	<p>4.1 Establish operational procedures for production and transport systems and equipment, and incorporate into site documentation</p> <p>4.2 Establish maintenance procedures for production and transport systems and equipment from site and legislative requirements and, incorporate into site documentation</p>

equipment	<p>4.3 Establish procedures for reviewing and modifying work processes</p> <p>4.4 Establish the system of recording and reporting production and transport equipment information</p>
5. Plan and prepare for the implementation of mine transport systems and production equipment	<p>5.1 Identify and interpret the legislative and site implementation requirements</p> <p>5.2 Identify, clarify, in consultation, and communicate roles and responsibilities to all personnel</p> <p>5.3 Identify, forecast, obtain and allocate/schedule resources required for the implementation</p> <p>5.4 Implement production and transport systems and equipment training program</p> <p>5.5 Encourage, receive, review and, where appropriate, implement suggestions and recommendations for changes to implementation procedures</p>
6. Establish systems for audit and review of production and transport systems and equipment	<p>6.1 Establish procedures to audit and review equipment compliance in accordance with legislative and site requirements</p> <p>6.2 Identify and assess future production and transport systems and equipment requirements and incorporate in to planning processes</p> <p>6.3 Establish procedures to audit and review the currency and compliance of operation and maintenance relating to production and transport systems and equipment</p> <p>6.4 Establish procedures for incorporating feedback into the audit/review system</p> <p>6.5 Establish procedures to confirm the currency, relevance and compliance with the training program against identified requirements</p> <p>6.6 Establish procedures for response to instances on non-compliance or other discrepancies/deficiencies revealed by audit</p> <p>6.7 Establish procedures to audit emergency response and evacuation systems for compliance with site requirements</p>

## 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**

RIIRAI603A Establish and maintain mine transport systems and production equipment

## **Links**

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>