



Australian Government

RIIUND602D Establish and maintain mine services systems

Release: 2

RIIUND602D Establish and maintain mine services systems

Modification History

Release	Comment
1	This unit replaces RIIUND602A Establish and maintain mine services systems
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 mine services systems in Coal and Metalliferous mining.

This unit is appropriate for those working in management roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Coal mining

Metalliferous mining

Elements and Performance Criteria

1. Design mine services systems	<p>1.1 Access, interpret and apply mine services systems documentation and ensure the work activity is compliant</p> <p>1.2 Identify the requirements for, and purpose of, mine services systems</p> <p>1.3 Develop a specification for the mine services system from a comprehensive analysis of site requirements</p> <p>1.4 Identify system options from an analysis of all relevant technical, operational and financial information</p> <p>1.5 Select the preferred service systems options, including reticulation on the basis of performance</p>
---------------------------------	--

<p>2. Select equipment for mine services systems</p>	<p>2.1 Identify the requirements for, and purpose of, mine services equipment</p> <p>2.2 Conduct a detailed scoping of the work requirements and develop key selection criteria, including hazard identification and risk analysis</p> <p>2.3 Develop a specification for the required mine services equipment</p> <p>2.4 Select the preferred equipment solutions on the basis of performance</p>
<p>3. Establish installation and commissioning procedures</p>	<p>3.1 Establish a procedure to identify hazards and analyse and evaluate risks associated with the installation of mine services systems and equipment</p> <p>3.2 Plan and prepare for the integration of new and existing systems and processes</p> <p>3.3 Develop safe operating procedures and rules from a detailed analysis of site requirements</p> <p>3.4 Develop and establish procedures for installing and commissioning mine services systems and equipment</p> <p>3.5 Establish a program, including systems and procedures, to satisfy identified mine services training requirements</p> <p>3.6 Establish emergency response and evacuation systems, plans and procedures</p> <p>3.7 Establish protection systems</p>
<p>4. Establish systems for the operation and maintenance of mine services systems and equipment</p>	<p>4.1 Develop operational procedures for mine services systems and equipment and incorporate into site documentation</p> <p>4.2 Develop maintenance procedures for mine services systems and equipment and incorporate into site documentation</p> <p>4.3 Develop and establish procedures for reviewing and modifying work processes</p>
<p>5. Plan and prepare for the implementation of systems for the operation and maintenance of mine services systems and equipment</p>	<p>5.1 Identify and interpret legislative and site requirements related to the operation and maintenance of mine services systems and equipment</p> <p>5.2 Access, interpret and clarify mine services systems and equipment procedures</p> <p>5.3 Identify, clarify and communicate roles and responsibilities</p> <p>5.4 Identify, forecast, obtain and allocate/schedule required resources</p> <p>5.5 Implement the mine services systems and equipment</p>

	<p>procedures training program.</p> <p>5.6 Encourage, receive, review and, where appropriate, implement suggestions and recommendations for changes to the operation and maintenance of mine services systems and equipment procedures</p>
<p>6. Establish systems for audit and review of mine services systems and equipment</p>	<p>6.1 Establish procedures to evaluate and confirm system/equipment compliance</p> <p>6.2 Identify and assess future mine services systems and equipment requirements and incorporate into planning processes</p> <p>6.3 Establish procedures to confirm the currency and compliance of mine services maintenance and safety standards</p> <p>6.4 Establish the system for recording and reporting of mine services and equipment information</p> <p>6.5 Audit the mine services training program for currency and relevance</p> <p>6.6 Establish procedures for incorporating feedback into the audit/review system</p> <p>6.7 Audit emergency response and evacuation systems, plans and procedures for compliance</p> <p>6.8 Establish procedures for response to instances of non-compliance or other discrepancies/deficiencies revealed by audit</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

RIIUND602A Establish and maintain mine service systems

Links

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