



Australian Government

RIIRAI508E Implement mine services systems

Release: 1

RIIRAI508E Implement mine services systems

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0.

Application

This unit describes the skills and knowledge required to implement mine services systems in coal and metalliferous mining. It includes planning and implementing procedures for the installation, commissioning, operation, maintenance and auditing of mine services systems and equipment.

It applies to those working in management or technical specialist roles. They generally perform complex, non-routine tasks involving strategic and planning activities and are responsible for establishing and maintaining operational systems and plans.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Coal mining

Metalliferous mining

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to implement mine services systems and equipment	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to implement mine services systems and equipment and confirm work activity is compliant 1.3 Select and wear personal protective equipment according to site requirements 1.4 Identify potential risks, hazards and environmental issues, implement control measures within scope of

ELEMENT	PERFORMANCE CRITERIA
	own role, and escalate where required 1.5 Identify and select mine service systems and equipment according to job and site requirements 1.6 Identify and record site requirements for mine services system implementation 1.7 Identify, coordinate and communicate roles and responsibilities of individuals and work-teams according to job requirements 1.8 Identify training needs and develop training plans
2. Install and commission mine services systems and equipment	2.1 Integrate new and existing work systems and processes to achieve optimum performance 2.2 Implement standard operating procedures 2.3 Install equipment according to manufacturer specifications and site requirements 2.4 Commission and test equipment and systems according to manufacturer specifications and site requirements 2.5 Modify equipment and systems to satisfy required changes arising from the commissioning process 2.6 Implement emergency response and evacuation plans and procedures according to manufacturer specifications, job, scope of role, and site requirements 2.7 Implement protection systems according to manufacturer specifications, job, scope of role, and site requirements
3. Implement systems for operating and maintaining mine services systems and equipment	3.1 Implement operational procedures for mine services systems and equipment according to manufacturer specifications and site requirements 3.2 Implement systems for conducting maintenance procedures for mine services systems and equipment according to manufacturer specifications and site requirements 3.3 Implement and apply procedures for reviewing and modifying work processes according to manufacturer specifications and site requirements
4. Audit and review mine services systems and equipment	4.1 Audit mine services system standards for compliance with legislative and site requirements 4.2 Audit mine services and equipment maintenance standards for currency and compliance with legislative and site requirements 4.3 Audit mine services and equipment for compliance with legislative and site requirements 4.4 Audit reporting and recording systems for compliance

ELEMENT	PERFORMANCE CRITERIA
	with legislative and site requirements 4.5 Audit emergency response and evacuation plans and procedures for compliance with site requirements 4.6 Audit the training program for currency, relevance and compliance with site requirements 4.7 Report audit findings and recommendations

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral communication	Conveys information and requirements clearly and listens actively
Reading	Identifies and interprets detailed and often complex information from workplace procedures, documentation and legislation
Writing	Prepares specific information that complies with requirements, using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIRAI508D Implement mine services systems.

Links

Companion Volume Implementation Guide is found on VETNet -

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