



Australian Government

RIIMEX404E Apply and monitor systems for stable mining

Release: 1

RIIMEX404E Apply and monitor systems for stable mining

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to apply and monitor systems for stable mining in coal and metalliferous mining. It includes installing, monitoring and assessing ground support systems and scheduling and carrying out inspection, repair and maintenance activities.

This unit is appropriate for those working in supervisory roles. They generally perform a broad range of operational activities in their area of responsibility and are responsible for monitoring a safe work environment.

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

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 apply systems for stable mining	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply systems for stable mining operations documentation and confirm work activity is compliant 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures according to legislative and site requirements 1.4 Obtain and interpret emergency procedures and identify steps required to respond to emergencies 1.5 Communicate and coordinate activities within scope of own role

ELEMENT	PERFORMANCE CRITERIA
	1.6 Identify, obtain and allocate resources required to apply design system 1.7 Identify training needs of personnel involved according to design system and site requirements and within scope of own role
2. Apply the design system	2.1 Communicate, apply and monitor approved design according to design system and site requirements 2.2 Communicate and apply primary and secondary support systems according to design system and site requirements 2.3 Identify and assess mining constraints impacting maintenance of stable mining structure according to design system and site requirements 2.4 Monitor and assess installation of ground support systems according to design system and site requirements 2.5 Identify system failures and assess according to design system and site requirements 2.6 Apply and monitor mining sequences according to design system and site requirements 2.7 Identify and assess virgin and induced stress control methods site requirements 2.8 Monitor hazards and risks and confirm safe operation of plant and equipment 2.9 Contribute to systems audit and review requirements within scope of own role
3. Apply design system monitoring and maintenance procedures	3.1 Schedule and carry out inspection, repair and maintenance activities according to manufacturer specifications and site requirements 3.2 Record, report and review maintenance and monitoring requirements and activities according to site requirements 3.3 Provide recommendations in terms of safety, efficiency and effectiveness of systems for stable mining within scope of own role

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
Numeracy	Calculates resourcing requirements
Oral communication	Conveys information and requirements clearly and listens actively

SKILL	DESCRIPTION
Reading	Identifies and interprets relevant information from workplace procedures, documentation and legislation

Unit Mapping Information

Supersedes and is equivalent to RIIMEX404D Apply and monitor systems for stable mining.

Links

Companion Volume Implementation Guide is found on VETNet -

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