



Australian Government

RIIERR501E Implement underground coal mine emergency preparedness and response systems

Release: 1

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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 implement underground coal mine emergency preparedness and response systems, including initial assessments processes, post-incident management procedures and systems reviews.

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

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 (underground)

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 emergency preparedness and response systems in underground coal mines	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and implement underground coal mine emergency preparedness and response system documentation and confirm work activity is compliant 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures according to site requirements 1.4 Identify and interpret legislative and site requirements for all personnel involved in emergency preparedness and response

ELEMENT	PERFORMANCE CRITERIA
	procedures 1.5 Determine procedures and techniques for implementing emergency preparedness and response system according to legislative and site requirements 1.6 Identify and communicate roles and responsibilities to others according to emergency preparedness and response system 1.7 Identify, obtain and allocate resources and personnel required to implement emergency preparedness and response system 1.8 Consult with others on how to implement emergency preparedness and response system, clarify intent and obtain feedback 1.9 Respond to feedback, review outcomes, clarify decisions and implement chosen options according to site requirements 1.10 Prepare and schedule review of emergency preparedness and response system according to site requirements
2. Implement emergency preparedness and response system	2.1 Implement allocation and installation of resources and personnel according to emergency preparedness and response plan 2.2 Implement the incident initial assessment process according to emergency preparedness and response plan 2.3 Implement incident communication systems and procedures according to emergency preparedness and response plan 2.4 Implement emergency response and evacuation plans according to emergency preparedness and response plan 2.5 Implement procedures for monitoring, recording and reporting on emergency according to emergency preparedness and response plan 2.6 Implement procedures for collation, analysis and validation of emergency preparedness and response data according to emergency preparedness and response plan 2.7 Implement incident management action plans according to emergency preparedness and response plan 2.8 Implement post-incident action plans according to emergency preparedness and response plan 2.9 Document information according to emergency preparedness and response plan and site requirements 2.10 Provide support to others responsible for system activities within scope of own role
3. Conduct system review	3.1 Liaise with emergency response team to review activity and provide recommendations of identified areas for improvement 3.2 Review process and outcomes of incident investigations according to emergency preparedness and response plan requirements 3.3 Review incident management action plans according to emergency preparedness and response plan requirements

ELEMENT	PERFORMANCE CRITERIA
	3.4 Review legislative and site requirements of personnel and address identified issues 3.5 Review communications and recording systems and procedures according to emergency preparedness and response plan requirements 3.6 Review and adjust allocation and installation of resources according to emergency preparedness and response plan requirements 3.7 Review training and assessment process, training plans and ongoing capability development according to emergency preparedness and response plan requirements 3.8 Review incident initial assessment process according to emergency preparedness and response plan requirements 3.9 Review emergency response and evacuation plans and recommend areas for improvement according to legislative and site requirements 3.10 Review and update procedures for monitoring, recording and reporting on emergency according to site requirements 3.11 Review and update procedures for collation, analysis and validation of emergency preparedness and response data according to site requirements 3.12 Recommend areas for improvement and provide reasoning and evidence for changes

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
Reading	Identifies and interprets relevant 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 RIIERR501D Implement underground coal mine emergency preparedness and response systems.

Links

Companion Volume Implementation Guide is found on VETNet -

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