



Australian Government

RIIERR406 Provide support for rescue operations

Release: 1

RIIERR406 Provide support for rescue operations

Modification History

This unit replaces RIIERR310D Provide support for rescue operations. Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes.

Application

This unit describes the skills and knowledge required to organise and allocate equipment and resources to support rescue operations in mining.

It applies to those who work in supervisory roles. They are generally responsible for the outcomes of others, contribute to the development of solutions to non-routine problems, and apply management plans in the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

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 provide support for rescue operations	1.1 Access, interpret and apply required documentation 1.2 Obtain, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Validate team members' current rescue competency status 1.6 Identify and record rescue team membership 1.7 Assess and monitor team members' readiness for rescue operation 1.8 Allocate individual team preparation and assembly areas 1.9 Maintain team's state of readiness and deploy when advised by Incident Control

ELEMENT	PERFORMANCE CRITERIA
	1.10 Communicate and coordinate activities with others 1.11 Regularly update team members on incident status
2. Organise team and equipment	2.1 Identify and engage support personnel 2.2 Identify and obtain incident response equipment 2.3 Test, repair and replace equipment, record and report data 2.4 Allocate equipment to team 2.5 Communicate with Incident Control on personnel and equipment status
3. Maintain supply of resources	3.1 Coordinate transport for teams entering the mine 3.2 Identify, locate and obtain ongoing resource requirements 3.3 Test, repair and replace equipment, record and report data 3.4 Report and record unavailability of vital equipment to Incident Control 3.5 Distribute ongoing resource requirements to teams and fresh air base 3.6 Ensure continuity of catering and supplies for team
4. Record and report resource allocation and usage	4.1 Maintain and collate written records and reports 4.2 Manage equipment allocation, record log in and log out information 4.3 Conduct handover briefings with oncoming personnel

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
Writing	Prepares specific information that complies with a range of regulatory requirements, using sector-specific terminology
Oral communication	Conveys information and requirements clearly, and listens carefully

Skill	Description
Reading	Identifies and interprets relevant information from workplace procedures, documentation, legislation and regulations

Unit Mapping Information

Supersedes and is equivalent to RIIERR310D Provide support for rescue operations.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIIERR406 Provide support for rescue operations

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- provide support for rescue operations in a manner that safely, effectively and efficiently meets all of the required outcomes on at least two occasions, including:
 - validating rescue team members competency status
 - deploying rescue teams
 - allocating of emergency equipment and resources
 - coordinating transport for rescue teams
 - maintaining written records of resource allocation
 - testing of rescue equipment and resources
 - participating in handover briefings.

During the above, the candidate must:

- locate and apply relevant documentation, policies and procedures
- complete the provision of support for rescue operations that meets all the required outcomes, including:
 - complying with written and verbal reporting requirements and procedures
 - communicating clearly and concisely with others to receive and clarify work instructions
 - communicating clearly and concisely with others to coordinate work activities
- operate emergency communication systems.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- types and causes of hazards and incidents in mines
- effects of hot and humid atmospheres
- location and distribution of caches
- trigger points to initiate emergency response to alarms
- location and purpose of a place of safety

- guidance system and marker uses
- key components and requirements of site emergency plans
- implications of different types of adverse environmental conditions
- escape routes and alternative escape route locations
- functions of mine ventilation systems
- types and effects of mine gases
- rescue team structure, roles and responsibilities
- role and responsibilities of the Fresh Air Base Controller and Incident Control
- roles of key external agencies
- standby/emergency procedures for fresh air base
- ignition sources
- types of fire and fire control methods
- factors affecting oxygen/air consumption
- role and responsibilities of support person
- mine surface layout.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below.

The assessment must:

- include access to:
 - site plans
 - breathing apparatus
 - personal protective equipment required for the activities described in the performance evidence
- be conducted in a safe environment
- be assessed in context of this sector's work environment
- be assessed in compliance with relevant legislation and regulations and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work environment* provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

Assessor Requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory regulatory standards as set out in the Standards for Registered Training Organisations (RTOs) 2015/Australian Quality Training Framework mandatory requirements for assessors current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes
- possessing a high level of RII training product knowledge
- having an understanding and knowledge of legislation and regulations relevant to the industry and to employment and workplaces
- demonstrating the performance evidence, and knowledge evidence outlined in this unit of competency, and
- the minimum years of current** work experience after competency has been obtained as specified below in an industry sector relevant to the outcomes of the unit.

It is also acceptable for the appropriately qualified assessor to work with an industry expert to conduct assessment together and for the industry expert to be involved in the assessment judgement. The industry expert must hold the relevant vocational competencies and have current industry skills directly relevant to the training and assessment being provided and must work alongside a trainer and/or assessor to conduct the assessment. This means the industry subject matter expert should hold the unit being assessed (or an equivalent unit), and must also demonstrate skills and knowledge from the minimum years of current work experience after competency has been obtained as specified below, including time spent in roles related to the unit being assessed:

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Infrastructure	1	1 year
	2	2 years
Drilling, Coal Mining, Extractive (Quarrying), Metalliferous Mining and Civil Infrastructure	3-6	3 years
Other sectors	Where this unit is being assessed outside of the resources and infrastructure sectors assessor and/or industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no industry standard	

	is specified should comply with any relevant regulation.
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*Guidance on simulated environments has been stipulated in the RII Companion Volume Implementation Guide located on VETNet.

**Assessors can demonstrate current work experience through employment within industry in a role relevant to the outcomes of the unit; or, for external assessors this can be demonstrated through exposure to industry by conducting a minimum number of site assessments as determined by the relevant industry sector, across various locations.

*** While a unit of competency does not have an AQF level, where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered as the AQF indicator level for assessment purposes.

Links

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