



Australian Government

RIIERR310D Provide support for rescue operations

Release: 2

RIIERR310D Provide support for rescue operations

Modification History

Release	Comment
1	This unit replaces RIIERR310A Provide support for rescue operations
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 provide support for rescue operations in Metalliferous mining.

This unit is appropriate for those working in operational roles.

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

Unit Sector

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare to provide support for rescue operations	1.1 Access, interpret and apply support for rescue operations documentation and ensure the work activity is compliant 1.2 Obtain, read, 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
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	1.9 Maintain team's state of readiness and deploy when advised by Incident Control 1.10 Communicate and coordinate activities with others prior to, during and on completion of the work activity 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

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

RIIERR310A 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 RIIERR310D Provide support for rescue operations

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include that the candidate:

- locates and applies 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
 - operating emergency communication systems
- demonstrates completion of providing support for rescue operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion 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

Knowledge Evidence

The candidate must demonstrate knowledge in providing support for rescue operations through:

- the types and causes of hazards and incidents in mines
- accessing and interpreting geological and survey data
- the effects of hot and humid atmospheres
- the location and distribution of caches
- the trigger points to initiate emergency response to alarms
- the location and purpose of a place of safety
- identifying guidance systems and markers
- site emergency plans
- the implications of types of adverse environmental conditions
- the location of escape routes and alternative escape routes
- the functions of mine ventilation systems
- the types and effects of mine gases
- the rescue team structure, roles and responsibilities
- the role and responsibilities of the Fresh Air Base Controller and Incident Control
- the roles of external agencies
- identifying and complying with standby/emergency procedures for fresh air base
- ignition sources
- types of fire and fire control methods
- factors affecting oxygen/air consumption
- the role and responsibilities of support person
- mine surface layout
- problem solving and planning

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated 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; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,

- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 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.	

*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 frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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