



Australian Government

RIIERR303D Operate in self-contained regenerative oxygen breathing apparatus

Release: 2

RIIERR303D Operate in self-contained regenerative oxygen breathing apparatus

Modification History

Release	Comment
1	This unit replaces RIIERR303A Operate in self-contained regenerative oxygen breathing apparatus
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 operate in a self-contained regenerative oxygen breathing apparatus 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. Prepare to operate in breathing apparatus	1.1 Access, interpret and apply operating in breathing apparatus 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 Ensure fitness levels are suitable to operate breathing apparatus 1.6 Carry out pre-operational equipment tests
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	1.7 Record test outcomes 1.8 Inspect apparatus for damage, missing components and readiness for operation before entering mine 1.9 Put on and adjust self-contained regenerative oxygen breathing apparatus 1.10 Select additional required personal protective equipment 1.11 Communicate and coordinate activities with others prior to, during and on completion of the work activity
2. Operate in irrespirable atmosphere	2.1 Navigate in breathing apparatus in adverse underground conditions 2.2 Identify, monitor and control risks and hazards 2.3 Establish and maintain communication with team members and team leader throughout the operation 2.4 Apply breathing apparatus techniques and safe work procedures 2.5 Monitor the operation of the breathing apparatus and the condition of self and other personnel 2.6 Operate in breathing apparatus 2.7 Follow entrapment procedures
3. Carry out post-operation activities	3.1 Close down self-contained regenerative oxygen breathing apparatus 3.2 Remove self-contained regenerative oxygen breathing apparatus 3.3 Process written and communicate to relevant personnel 3.4 Strip, clean, service, check, reassemble and test breathing apparatus 3.5 Record and report any faults 3.6 Store equipment ready for operational use

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

RIIERR303A Operate in self-contained regenerative oxygen breathing apparatus

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 RIIERR303D Operate in self-contained regenerative oxygen breathing apparatus

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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
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of operating in a self-contained regenerative oxygen breathing apparatus including:
 - operating in escape apparatus
 - identifying and managing hazards
 - identifying adverse conditions
 - applying basic life support
 - interpreting manufacturer's specifications
- works effectively with others to undertake and complete the operating in self-contained regenerative oxygen breathing apparatus tasks that meet 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
- demonstrates completion of operating in self-contained regenerative oxygen breathing apparatus that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - selecting and using appropriate personal protective equipment
 - conducting pre-operational checks and equipment testing

- reading mine plans and symbols and navigating in mine
- interpreting monitoring device readings
- stripping and reassembling equipment
- cleaning, servicing and testing equipment

Knowledge Evidence

The candidate must demonstrate knowledge in operating in a self-contained regenerative oxygen breathing apparatus through:

- effects of irrespirable atmospheres on the body
- using protective equipment
- characteristics, component parts and operation of self-contained regenerative oxygen breathing apparatus
- testing parameters and methods

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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