



Australian Government

# **RIIERR307E Extricate casualties from underground incidents**

Release: 2

## RIIERR307E Extricate casualties from underground incidents

### Modification History

| Release | Comments                                                                                                                                                                                                                                                                                                 |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | This unit replaces RIIERR307D Extricate casualties from underground incident. Minor endorseeable 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. |
| 2       | Editorial corrections to pre-requisite unit.                                                                                                                                                                                                                                                             |

### Application

This unit describes the skills and knowledge required to establish extrication systems and stabilise and transport to safety casualties involved in underground mining incidents.

It applies to those who work in operational roles. They generally work in teams and have some responsibility for the outcomes of others.

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

### Pre-requisite Unit

RIIERR303E Operate in a self-contained regenerative oxygen breathing apparatus

PUAFIR207B Operate breathing apparatus open circuit

### 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 extricate casualty from an underground mine | 1.1 Access, interpret and apply documentation required for extricating casualties from underground mines<br>1.2 Obtain, interpret, clarify and confirm work requirements<br>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures |

| ELEMENT                                                | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                        | <ul style="list-style-type: none"> <li>1.4 Select and wear personal protective equipment appropriate for work activities</li> <li>1.5 Interpret incident information and determine location, type of incident and personnel involved and record on the mine plan</li> <li>1.6 Communicate and coordinate activities with others</li> <li>1.7 Navigate to incident site via the identified route or alternate route</li> <li>1.8 Identify and assess the type and extent of injuries to entrapped personnel</li> <li>1.9 Assess the incident and determine the appropriate method of extricating casualties</li> <li>1.10 Determine extrication procedures and strategy and develop action plan</li> </ul> |
| 2. Establish extrication system and extricate casualty | <ul style="list-style-type: none"> <li>2.1 Identify, locate and set up required extrication equipment</li> <li>2.2 Test extrication system and equipment are fit for use before commencement of extrication operations</li> <li>2.3 Use equipment and apply extrication techniques to extricate casualties</li> <li>2.4 Maintain communication with other team members and Incident Control on condition of casualties and status of extrication operations</li> </ul>                                                                                                                                                                                                                                    |
| 3. Stabilise casualty                                  | <ul style="list-style-type: none"> <li>3.1 Perform primary and secondary assessments and check casualty's condition</li> <li>3.2 Identify and apply life support requirements</li> <li>3.3 Monitor casualty continually and record vital signs</li> <li>3.4 Communicate casualty information to Incident Control and/or medical personnel</li> </ul>                                                                                                                                                                                                                                                                                                                                                      |
| 4. Transport casualty to a place of safety             | <ul style="list-style-type: none"> <li>4.1 Evaluate need for, and equip casualties with, escape apparatus</li> <li>4.2 Assess availability and adequacy of transport resources and obtain additional assistance and resources if required</li> <li>4.3 Prepare stretcher patients and other casualties for transport to a place of safety</li> <li>4.4 Monitor casualties continually and record vital signs during transport</li> </ul>                                                                                                                                                                                                                                                                  |

| ELEMENT                            | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | 4.5 Apply techniques and procedures to transport casualties to a place of safety<br>4.6 Hand over casualties to medical personnel<br>4.7 Communicate status of incident site, casualties, personnel and equipment to Incident Control                                                                                                        |
| 5. Restore and refurbish equipment | 5.1 Inspect all equipment used for any damage and record details according to workplace policies and procedures<br>5.2 Repair or replace defective equipment<br>5.3 Tag, record and quarantine unusable equipment<br>5.4 Return the rescue system and equipment to operational readiness<br>5.5 Process required written records and reports |

## 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            | <ul style="list-style-type: none"> <li>Prepares specific information that complies with a range of regulatory requirements, using sector-specific terminology</li> </ul> |
| Oral communication | <ul style="list-style-type: none"> <li>Conveys information and requirements clearly, and listens carefully</li> </ul>                                                    |
| Reading            | <ul style="list-style-type: none"> <li>Identifies and interprets relevant information from workplace procedures, documentation, legislation and regulations</li> </ul>   |

## Unit Mapping Information

Supersedes and is equivalent to RIIERR307D Extricate casualties from underground incident.

## Links

Companion Volume implementation guides are found in VETNet -

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