



**Australian Government**

# **RIIERR204D Provide aided rescue to endangered personnel**

**Release: 2**

## RIIERR204D Provide aided rescue to endangered personnel

### Modification History

Release	Comment
1	This unit replaces RIIERR204A Provide aided rescue to endangered personnel
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 aided rescue to endangered personnel in the Coal and 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

- Coal mining (Underground)
- Metalliferous mining (Underground)

## Elements and Performance Criteria

<p>1. Plan and prepare for aided rescue</p>	<p>1.1 Access, interpret and apply aided rescue to endangered personnel documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Interpret alarms and indicators to determine the type, cause and severity of the hazard/situation</p> <p>1.6 Identify, establish and maintain communication systems with other personnel during the emergency</p>
<p>2. Assess incident scene and plan rescue strategy</p>	<p>2.1 Obtain, interpret and confirm incident information and data and determine the hazards involved in the rescue operation</p> <p>2.2 Determine the locations of endangered mine personnel</p> <p>2.3 Identify the best route and method of travel to the location of mine personnel</p> <p>2.4 Identify and determine the best location for a fresh air base</p> <p>2.5 Establish and maintain communication with emergency control personnel and fresh air base</p> <p>2.6 Test and check emergency equipment</p> <p>2.7 Test the mine atmosphere and determine if it is irrespirable</p> <p>2.8 Identify and obtain the required personal protective equipment and breathing apparatus</p> <p>2.9 Assess the situation and select the safest and most effective extrication method</p> <p>2.10 Assess threats/dangers to mine personnel and rescuers</p> <p>2.11 Locate and access emergency breathing apparatus caches</p> <p>2.12 Identify the need for, and organise, additional rescue resources and equipment</p> <p>2.13 Refer to the mine plan and identify escape route and alternative escape route from the incident scene to fresh air base</p> <p>2.14 Clarify and confirm the rescue strategy</p>
<p>3. Extricate and evacuate to fresh air</p>	<p>3.1 Isolate mine services and secure incident site for safe entry</p> <p>3.2 Assess physical and emotional conditions of mine personnel, administer emergency First Aid and provide support where necessary</p>

	<p>3.3 Put on and test the breathing apparatus</p> <p>3.4 Extricate mine personnel from entrapment</p> <p>3.5 Evacuate from incident scene, following escape strategy, by the established or alternative escape route</p> <p>3.6 Follow determined route of travel at optimum travel rate</p> <p>3.7 Continuously monitor the mine atmosphere and environmental conditions</p> <p>3.8 Evaluate the need for, locate and retreat to, a place of safety</p> <p>3.9 Build barricade/s to protect personnel</p> <p>3.10 Maintain communication with emergency control and fresh air base personnel</p> <p>3.11 Continue to monitor physical and emotional condition of mine workers and other rescue team members and provide support</p> <p>3.12 Monitor air/oxygen usage and adjust rate of travel, where necessary</p> <p>3.13 Ensure efficient changeover/refill of self-rescuer/breathing apparatus</p>
4. Participate in post-incident debrief	<p>4.1 Provide details of rescue to relevant personnel</p> <p>4.2 Participate in a debrief</p> <p>4.3 Process written records or reports</p> <p>4.4 Evaluate the need for, and refer mine personnel and self for voluntary counselling</p>

## 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

RIIERR204A Provide aided rescue to endangered personnel

## Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>