



**Australian Government**

# **RIIMCU403E Apply and monitor the gas management plan**

**Release: 1**

## RIIMCU403E Apply and monitor the gas management plan

### Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

### Application

This unit describes the skills and knowledge required to apply and monitor gas management plans in coal mining, including applying alarm and trigger level systems, action plans and gas management devices and methods.

It applies to those working in supervisory roles. They generally perform a broad range of operational activities in their area of responsibility and are responsible for monitoring a safe work environment.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

### Unit Sector

Coal mining (underground)

### 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 apply gas management plan	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply gas management plan documentation, and confirm work activity is compliant 1.3 Communicate and explain responsibilities and tasks to personnel involved according to gas management plan 1.4 Identify, obtain and allocate resources according to gas management plan 1.5 Identify training needs of personnel involved according to gas management plan and within scope of own role
2. Apply gas	2.1 Identify, measure and interpret the impact of changes in

ELEMENT	PERFORMANCE CRITERIA
management plan	<p>composition, concentration of gas and gas make, and associated hazards on the mine atmosphere</p> <p>2.2 Identify and interpret impact of mine factors on mine gas management</p> <p>2.3 Identify, assess and apply hazard control procedures associated with gas drainage and outburst mining conditions according to gas management plan</p> <p>2.4 Apply procedures for installation, operation and maintenance of mine gas monitoring systems according to gas management plan</p> <p>2.5 Apply procedures for installation and operation of gas management devices and systems according to gas management plan</p> <p>2.6 Apply systems and procedures for collection of gas samples according to gas management plan</p> <p>2.7 Record and report monitoring system data according to gas management plan and site requirements</p> <p>2.8 Investigate changes in mine atmosphere status and report changes according to site requirements</p> <p>2.9 Interpret and apply procedures addressing relocation, operation and maintenance of drilling rigs and infrastructure according to gas management plan</p> <p>2.10 Respond to alarms as required according to gas management plan</p> <p>2.11 Apply emergency and evacuation procedures according to gas management plan</p> <p>2.12 Participate in systems audit and review requirements according to site requirements</p>
3. Apply gas management plan maintenance procedures	<p>3.1 Carry out inspections and confirm repair and maintenance activities are conducted according to site requirements</p> <p>3.2 Record, report and review maintenance activities according to site requirements</p>

## 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
Numeracy	<ul style="list-style-type: none"> <li>Calculates resourcing requirements and performs mathematical calculations</li> </ul>
Oral	<ul style="list-style-type: none"> <li>Conveys information and requirements clearly and listens actively</li> </ul>

<b>SKILL</b>	<b>DESCRIPTION</b>
communication	
Reading	<ul style="list-style-type: none"><li>Identifies and interprets relevant information from workplace procedures, documentation and legislation</li></ul>

## Unit Mapping Information

Supersedes and is equivalent to RIIMCU403D Apply and monitor the gas management plan.

## Links

Companion Volume Implementation Guide is found on VETNet -

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