



Australian Government

RIIMCU603D Establish and maintain the gas drainage management plan

Release: 2

RIIMCU603D Establish and maintain the gas drainage management plan

Modification History

Release	Comment
1	This unit replaces RIIMCU603A Establish and maintain the gas drainage management plan
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 establish and maintain the gas drainage management plan in Coal mining.

This unit is appropriate for those working in management roles

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Coal mining (Underground)

Elements and Performance Criteria

1. Plan and prepare to establish and maintain the gas drainage management plan	1.1 Access, interpret and apply gas drainage management plan documentation, and ensure the work activity is compliant 1.2 Identify, evaluate and clarify coal seam characteristics and conditions which could lead to a requirement for gas drainage 1.3 Identify and clarify the effects of gas drainage on mine atmosphere 1.4 Identify the requirements for ventilation in relation to gas drainage 1.5 Identify and clarify the impacts of water accumulation on gas drainage
--	--

2. Identify, analyse and evaluate gas drainage control options and measures	2.1 Identify and evaluate the types and advantages/disadvantages of gas drainage methods 2.2 Identify and evaluate hazards relating to gas drainage 2.3 Identify and evaluate the method, purpose and procedures for installation and use of mine monitoring systems with regards to gas drainage
3. Design and develop gas drainage management systems	3.1 Design and develop gas drainage systems 3.2 Design and develop the surface and underground infrastructure to minimise the risk of hazards 3.3 Design and develop monitoring and controls systems
4. Establish the gas drainage management plan	4.1 Develop and establish hazard control procedures 4.2 Establish action levels to minimise the hazards 4.3 Develop and establish gas monitoring system installation, operation and maintenance procedures 4.4 Develop and establish gas drainage system installation, operation and recovery procedures 4.5 Develop and establish gas drainage system maintenance requirement procedures 4.6 Develop and establish gas drainage system information, recording and reporting procedures 4.7 Establish training requirements for the gas drainage management system
5. Plan and prepare for the implementation of the gas drainage management plan	5.1 Identify, clarify and communicate to all personnel roles and responsibilities 5.2 Identify, forecast, obtain and allocate/schedule resources required for the implementation 5.3 Implement the gas drainage management training program 5.4 Review the gas drainage management plan and implement required changes
6. Audit the effectiveness of the gas drainage management system	6.1 Audit gas drainage monitoring systems 6.2 Audit gas drainage control devices 6.3 Audit reporting and recording systems 6.4 Audit gas drainage installation, operation, maintenance and recovery procedures 6.5 Audit the gas drainage management training plan for currency, relevance and compliance

	6.6 Identify and respond promptly to instances of non-compliance or other discrepancies/deficiencies revealed by audit
	6.7 Maintain written records, reports and policy documentation

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

RIIMCU603A Establish and maintain the gas drainage management plan

Links

Companion Volume implementation guides are found in VETNet -

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