RIIUND501D Implement the ventilation management plan

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIUND501A Implement the ventilation 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 implement the ventilation management plan in Coal and Metalliferous 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

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare to implement the ventilation management plan	1.1 Access, interpret and apply ventilation management documentation and ensure the work activity is compliant
	1.2 Access, interpret and clarify the ventilation management plan
	1.3 Identify, and communicate to all involved, roles and responsibilities as specified in the ventilation management plan
	1.4 Identify, forecast, obtain and allocate/schedule resources required for the implementation of the ventilation management plan
	1.5 Identify training needs
2. Implement the ventilation management	2.1 Identify and interpret the impact of changes to the ventilation system on the mine atmosphere

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plan	2.2 Implement standards and procedures for the installation and operation of monitoring systems and equipment
	2.3 Incorporate ventilation control devices into the ventilation system
	2.4 Implement standards and procedures for inspection, monitoring, recording and reporting on mine ventilation
	2.5 Implement standards and procedures for the collection and analysis of ventilation data
	2.6 Process, record and report monitoring system data
	2.7 Implement the ventilation management training plan
	2.8 Interpret and compare measured data with relevant legislative requirements and the ventilation management plan and action requirements
	2.9 Implement water management procedures
	2.10 Respond to alarms raised
	2.11 Implement emergency and evacuation procedures
3. Implement the maintenance of and changes to the mine ventilation system	3.1 Implement inspections, repair and maintenance activities
	3.2 Implement the system of recording, reporting and reviewing maintenance requirements and activities
	3.3 Implement changes to the mine ventilation systems
	3.4 Encourage, receive, review and, where appropriate, implement suggestions and recommendations for changes to ventilation management procedures
4. Audit the effectiveness of the ventilation management plan	4.1 Audit ventilation specifications for compliance with legislative requirements and the ventilation management plan
	4.2 Audit ventilation control devices for compliance with legislative requirements and the ventilation management plan
	4.3 Audit monitoring systems operations for compliance with relevant legislative requirements and the ventilation management plan
	4.4 Audit effectiveness of alarm responses and trigger levels
	4.5 Audit recording systems for compliance with the ventilation management plan
	4.6 Audit ventilation system maintenance standards and procedures for compliance with the ventilation management plan
	4.7 Audit emergency and evacuation plans for compliance with the mine safety management system
	4.8 Audit the ventilation management training plan for currency, relevance and compliance with the ventilation management plan

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

RIIUND501A Implement the ventilation management plan

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272