



Australian Government

RIIUND401E Apply and monitor the ventilation management plan

Release: 1

RIIUND401E Apply and monitor the ventilation 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 the ventilation management plan in coal and metalliferous mining. It includes installing, monitoring and maintain ventilation devices, monitoring and reporting on mine ventilation, and scheduling and carrying out inspections, repair and maintenance activities.

It applies to those working in supervisory. 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

Metalliferous mining

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 and monitor ventilation management plan	1.1 Access, interpret and apply ventilation management documentation and confirm work activity is compliant 1.2 Identify, clarify and communicate roles and responsibilities to involved personnel according to ventilation management plan 1.3 Identify and obtain required resources according to ventilation management plan
2. Apply ventilation	2.1 Identify and interpret impact of changes to ventilation system on the

ELEMENT	PERFORMANCE CRITERIA
management plan	mine atmosphere 2.2 Apply installation and operation procedures for monitoring systems and equipment according to ventilation management plan 2.3 Install, monitor and maintain ventilation control device in ventilation system according to ventilation management plan 2.4 Apply procedures for monitoring, recording and reporting on mine ventilation according to ventilation management plan 2.5 Adjust mine control devices according to ventilation management plan and site requirements 2.6 Collect and report ventilation data according to ventilation management plan and site requirements 2.7 Record and report monitoring system data according to ventilation management plan and site requirements 2.8 Respond to alarms raised according to ventilation management plan and site requirements 2.9 Apply ventilation emergency and evacuation procedures according to ventilation management plan and site requirements 2.10 Contribute to systems audit and review requirements within scope of own role and according to site requirements
3. Apply ventilation system maintenance procedures	3.1 Schedule and carry out inspections, repair and maintenance activities according to manufacturer specifications and site requirements 3.2 Record, report and review maintenance requirements and activities according to ventilation management plan and site requirements

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	Calculates resourcing requirements, performs mathematical calculations and applies mathematical and scientific laws and theorem
Oral communication	Conveys information and requirements clearly and listens actively
Reading	Identifies and interprets relevant information from workplace procedures, documentation and legislation

Unit Mapping Information

Supersedes and is equivalent to RIIUND401D Apply and monitor the ventilation management plan.

Links

Companion Volume Implementation Guide is found on VETNet -

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