



Australian Government

RIIMCU302F Construct and maintain ventilation devices

Release: 1

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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 construct and maintain ventilation devices in underground coal mining, including stoppings, regulators, overcasts, undercasts, seals and bulkheads.

It applies to those working in operational roles. They generally work under minimal supervision to undertake a broad range of tasks in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

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 construct and maintain ventilation devices	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to construct and maintain ventilation devices 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures according to site requirements 1.4 Select and wear personal protective equipment according to site requirements 1.5 Obtain, transport and prepare materials and resources according to job requirements

ELEMENT	PERFORMANCE CRITERIA
	1.6 Obtain and interpret emergency procedures and identify steps required to respond to emergencies
2. Construct ventilation devices	2.1 Coordinate activities with others within scope of own role 2.2 Prepare work site according to site requirements 2.3 Construct ventilation device according to site requirements 2.4 Monitor hazards and risks and confirm safe operation of plant and equipment 2.5 Complete work plan according to job requirements
3. Maintain ventilation devices	3.1 Carry out inspections according to site requirements 3.2 Carry out maintenance tasks according to manufacturer specifications and site requirements 3.3 Carry out housekeeping activities according to site requirements 3.4 Complete records and reports according to 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 basic measurements including mass and dimensions
Reading	Identifies and interprets information from workplace documentation and legislation
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities
Writing	Completes records using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIMCU302E Construct and maintain ventilation devices.

Links

Companion Volume Implementation Guide is found on VETNet -

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

