



Australian Government

RIIMCU305E Conduct outburst mining operations

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 conduct outburst mining operations in coal mining, including completing strata control operations and outburst pre-operational checks and monitoring the work environment for outburst risks.

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

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 conduct outburst mining operations	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required for outburst mining operations 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 Access, interpret and apply mine environmental, geological and survey data according to site requirements

ELEMENT	PERFORMANCE CRITERIA
	1.6 Identify and confirm outburst manning requirements according to outburst management plan 1.7 Carry out outburst pre-operational checks according to site requirements 1.8 Obtain and interpret emergency procedures and identify steps required to respond to emergencies
2. Conduct mining operations in outburst conditions according to outburst management plan	2.1 Coordinate activities with others within scope of own role 2.2 Operate continuous miner and/or shuttle car according to job and site requirements 2.3 Carry out strata control operations according to site requirements 2.4 Maintain ventilation, monitor environmental conditions and respond according to site requirements 2.5 Monitor hazards and risks and confirm safe operation of plant and equipment 2.6 Complete and maintain records and reports according to site requirements
3. Carry out operator maintenance on outburst equipment	3.1 Prepare machine and equipment for according to manufacturer specifications and site requirements 3.2 Conduct inspection and fault finding according to manufacturer specifications according to manufacturer specifications and site requirements 3.3 Carry out scheduled maintenance tasks according to manufacturer specification and site requirements 3.4 Carry out housekeeping activities according to site requirements 3.5 Complete maintenance records 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 workplace reports using sector-specific vocabulary,

SKILL	DESCRIPTION
	grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIMCU305D Conduct outburst mining operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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