



Australian Government

RIIMCU208E Conduct basic strata control 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 basic strata control operations in coal mining, including operating basic support equipment and installing supports.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

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 conduct basic strata control operations	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required for basic strata control 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 Obtain and interpret emergency procedures and identify steps required to respond to emergencies

ELEMENT	PERFORMANCE CRITERIA
	1.6 Access, interpret and apply mine, environmental, geological and survey data required to complete allocated work 1.7 Determine, obtain and transport resources according to job requirements
2. Install and secure support	2.1 Communicate job activities with others within scope of own role 2.2 Carry out equipment, materials and services check according to manufacturer specifications and site requirements 2.3 Carry out prestart and start-up procedures according to manufacturer specifications and site requirements 2.4 Scale down roof and ribs according to site requirements 2.5 Drill holes for rib and roof bolt installation according to site requirements 2.6 Install supports and secure according to site requirements 2.7 Identify and monitor to geological conditions and respond to changing conditions as required and within scope of own role 2.8 Monitor hazards and confirm safe operation of plant and equipment 2.9 Carry out park-up, shutdown and secure equipment procedures according to manufacturer specifications and site requirements
3. Carry out operator maintenance	3.1 Prepare machine and equipment for maintenance according to manufacturer specifications and site requirements 3.2 Conduct inspection and fault finding according to manufacturer specifications and site requirements 3.3 Carry out scheduled maintenance tasks according to manufacturer specifications 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

SKILL	DESCRIPTION
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIIMCU208D Conduct basic strata control operations.

Links

Companion Volume implementation guides is found on VETNet -

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