



Australian Government

RIIMCU401E Conduct special roadway operations

Release: 1

RIIMCU401E Conduct special roadway operations

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 special roadway operations in coal mining. It includes forming and profiling roadways, headings and facelines.

It applies to those working in supervisory or technical specialist roles. 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

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 special roadway operations	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply special roadway operations documentation, and confirm work activity is compliant 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 job requirements 1.6 Obtain and interpret emergency procedures and identify steps

ELEMENT	PERFORMANCE CRITERIA
	required to respond to emergencies
2. Drive special roadways/faceline	2.1 Communicate and coordinate activities with others within scope of own role 2.2 Carry out prestart and start-up procedures according to manufacturer specifications and site requirements 2.3 Drive and operate equipment according to manufacturer specifications and job requirements 2.4 Form roadway/headings/face line according to manufacturer specifications, site and job requirements 2.5 Monitor changes to geological conditions and maintain ventilation according to site requirements 2.6 Monitor hazards and risks and confirm safe operations of plant and equipment 2.7 Park-up and shutdown and secure equipment according to manufacturer specifications and site requirements
3. Brush floor and roof	3.1 Observe survey marks and roof and rib support rules according to site and job requirements 3.2 Profile roadways/headings according to manufacturer specifications, site and job requirements
4. Carry out operator maintenance	4.1 Prepare machine/equipment for maintenance according to manufacturer specifications and site requirements 4.2 Conduct inspection and fault finding according to manufacturer specifications and site requirements 4.3 Carry out scheduled maintenance tasks according to manufacturer specifications and site requirements 4.4 Carry out housekeeping activities according to site requirements 4.5 Process 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 resourcing requirements and performs mathematical calculations
Oral communication	Conveys information and requirements clearly and listens actively
Reading	Identifies and interprets relevant information from workplace

SKILL	DESCRIPTION
	procedures, documentation and legislation
Writing	Prepares specific information that complies with requirements, using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIMCU401D Conduct special roadway operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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