



**Australian Government**

# **RIIMCU209E Conduct roadway maintenance**

**Release: 1**

## RIIMCU209E Conduct roadway maintenance

### 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 roadway maintenance in underground coal mining. This includes transporting resources, carrying out equipment and material checks and performing equipment inspections and operator maintenance.

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 roadway maintenance | 1.1 Obtain, interpret, clarify and confirm work requirements<br>1.2 Access, interpret and apply documentation required to conduct roadway maintenance<br>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures according to site requirements<br>1.4 Select and wear personal protective equipment according to site requirements<br>1.5 Access, interpret and apply mine environmental data required to complete allocated work |

| ELEMENT  | PERFORMANCE CRITERIA   |
|--|--|
|  | 1.6 Obtain and interpret emergency procedures and identify steps required to respond to emergencies<br>1.7 Transport resources to the worksite according to job requirements   |
| 2. Conduct roadway maintenance                 | 2.1 Communicate work activities with others within scope of own role<br>2.2 Carry out equipment, materials and services checks according manufacturer specification and site requirements<br>2.3 Erect and post warning signals and signs according to site requirements<br>2.4 Drive and operate plant and equipment according to job requirements<br>2.5 Apply material to roadways according to job requirements<br>2.6 Carry out roadway dust suppression according to job requirements<br>2.7 Divert and drain roof and floor water according to job requirements<br>2.8 Monitor hazards and confirm safe operation of plant and equipment<br>2.9 Complete work plan according to job requirements<br>2.10 Isolate services according to job requirements |
| 3. Carry out operator maintenance on equipment | 3.1 Prepare machine and equipment for maintenance according to manufacturer specifications and site requirements<br>3.2 Carry out inspection and fault finding according to manufacturer specifications and site requirements<br>3.3 Carry out scheduled maintenance tasks according to manufacturer specifications and site requirements<br>3.4 Carry out housekeeping activities according to site requirements<br>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        | <ul style="list-style-type: none"> <li>Calculates basic resourcing requirements</li> </ul>  |
| Reading         | <ul style="list-style-type: none"> <li>Identifies and interprets information from workplace documentation</li> </ul>                  |
| Self-management | <ul style="list-style-type: none"> <li>Monitors and minimises own exposure to worksite risks and hazards during activities</li> </ul> |

## Unit Mapping Information

Supersedes and is equivalent to RIIMCU209D Conduct roadway maintenance.

## Links

Companion Volume implementation guides is found on VETNet -

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