



**Australian Government**

# **RIIMCU205D Conduct rotational drilling**

**Release: 2**

## RIIMCU205D Conduct rotational drilling

### Modification History

| Release | Comment                                                                                                                                                                                                                                                                                                      |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | This unit replaces RIIMCU205A Conduct rotational drilling                                                                                                                                                                                                                                                    |
| 2       | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

### Application

This unit describes a participant's skills and knowledge required to conduct rotational drilling in Coal mining.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between States, Territories and Industry sectors. Relevant information must be sourced prior to the application of this unit.

### Unit Sector

Coal mining

### Elements and Performance Criteria

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Plan and prepare for conducting rotational drilling | <p>1.1 Access, interpret and apply rotational drilling documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear appropriate personal protective equipment and protective clothing</p> <p>1.5 Access, interpret and apply mine environmental geological and survey data required to complete the allocated task</p> <p>1.6 Obtain, transport and prepare materials and resources required for the work activity</p> <p>1.7 Prepare worksite and equipment</p> |
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|                                   | 1.8 Obtain and interpret emergency procedures and be prepared for fire/accident/emergency                                                                                                                                                                                                                                                                                                                               |
| 2. Operate drilling equipment     | 2.1 Communicate and coordinate activities with others throughout the work activity.<br>2.2 Carry out pre-start, start-up, park-up, shutdown and secure equipment procedures<br>2.3 Operate drilling equipment, carry out the function of rotary drilling<br>2.4 Record and report findings and anomalies<br>2.5 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment. |
| 3. Carry out operator maintenance | 3.1 Prepare machine for maintenance<br>3.2 Conduct inspection and fault finding<br>3.3 Carry out scheduled maintenance tasks<br>3.4 Process written maintenance records                                                                                                                                                                                                                                                 |

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

## Unit Mapping Information

RIIMCU205A Conduct rotational drilling

## Links

Companion Volume implementation guides are found in VETNet -

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