



**Australian Government**

# **RIIMCU306D Conduct shearer operations**

**Release: 2**

## RIIMCU306D Conduct shearer operations

### Modification History

Release	Comment
1	This unit replaces RIIMCU306A Conduct shearer operations
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 shearer operations 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 to conduct shearer operations	1.1 Access, interpret and apply shearer operations documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear appropriate personal protective equipment and protective clothing 1.5 Access, interpret and apply mine environment, geological and survey data required to complete the allocated 1.6 Obtain and interpret emergency procedures and be prepared for fire/accident/emergency
2. Shear and load	2.1 Communicate and coordinate activities with others throughout

coal	<p>the work activity</p> <p>2.2 Carry out pre-start, start-up, park-up, shutdown, isolation and secure equipment procedures</p> <p>2.3 Operate shearer to shear and load coal</p> <p>2.4 Cut longwall face to sequence and site conditions, maintaining horizon and quality control in accordance with extraction plan</p> <p>2.5 Monitor systems and alarms and rectify or report factors adversely affecting production</p> <p>2.6 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p>
3. Carry out operator maintenance	<p>3.1 Prepare machine/equipment for maintenance</p> <p>3.2 Conduct inspection and fault finding</p> <p>3.3 Carry out scheduled maintenance tasks</p> <p>3.4 Carry out housekeeping activities</p> <p>3.5 Process written maintenance records</p>

## 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

RIIMCU306A Conduct shearer operations

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>