



**Australian Government**

# **RIIMCU307D Conduct longwall face equipment operations**

**Release: 3**

## RIIMCU307D Conduct longwall face equipment operations

### Modification History

Release	Comment
1	This unit replaces RIIMCU307A Conduct longwall face equipment operations.
2	Amend Performance Evidence and Knowledge Evidence to increase industry relevance
3	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 longwall face equipment 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 longwall face operations	<p>1.1 Access, interpret and apply longwall face equipment operations 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 data required to complete the allocated work</p>
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	<p>1.6 Conduct scheduled longwall face inspections</p> <p>1.7 Obtain and interpret emergency procedures and be prepared for fire/accident/emergency</p>
2. Operate longwall equipment	<p>2.1 Communicate and coordinate activities with others throughout the work activity</p> <p>2.2 Carry out pre-start, start-up, shutdown, isolation and secure equipment procedures</p> <p>2.3 Advance roof support equipment in sequence, or according to site conditions, to maintain correct face alignment and support roof in accordance with extraction plan</p> <p>2.4 Operate longwall coal conveying equipment</p> <p>2.5 Identify/monitor and respond to changing geological conditions</p> <p>2.6 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p> <p>2.7 Monitor systems and alarms and rectify or report factors adversely affecting production</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

RIIMCU307A Conduct longwall face equipment operations

## Links

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