



**Australian Government**

# **RIIMPO330D Conduct bucket-wheel operations**

**Release: 4**

## RIIMPO330D Conduct bucket-wheel operations

### Modification History

Release	Comment
1	This unit replaces RIIMPO330A Conduct bucket-wheel operations. Performance Criteria amended to make information more explicit; manoeuvring, driving and parking up added; Housekeeping element changed and differentiated from Operator Maintenance.
2	Editorial corrections; Modification History added.
3	Removed repetition from Performance Criteria; amend reference to Licensing requirements in Unit Application; editorial corrections.
4	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 bucket-wheel 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 application of the unit.

### Unit Sector

Coal mining

## Elements and Performance Criteria

1. Plan and prepare for bucket-wheel operations	<p>1.1 Access, interpret and apply bucket-wheel 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 risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Access, interpret and apply geological and survey data required to complete the allocated work</p> <p>1.6 Select, and check for faults, equipment and/or attachments for work activities</p> <p>1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Operate bucket-wheel excavator	<p>2.1 Coordinate activities with others at the site prior to commencement of, and during, the work activity</p> <p>2.2 Carry out pre-start, start-up, park-up, shutdown and secure equipment procedures</p> <p>2.3 Drive and operate bucket-wheel, using controls to remove and place burden</p> <p>2.4 Steer, travel and maintain alignment, and optimise digging performance</p> <p>2.5 Act on monitoring systems and alarms or report problems</p> <p>2.6 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p> <p>2.7 Complete work plan within the operating capacity of the equipment</p>
3. Relocate bucket-wheel excavator	<p>3.1 Receive and confirm route and location plan and by site inspection</p> <p>3.2 Complete ground preparation</p> <p>3.3 Carry out cable location and handling</p> <p>3.4 Resolve coordination issues, including support equipment and personnel</p> <p>3.5 Conduct steering and travel to relocate bucket wheel excavator</p>
4. Carry out operator maintenance	<p>4.1 Prepare machine for maintenance</p> <p>4.2 Conduct inspection and fault finding</p>

	4.3	Carry out scheduled maintenance tasks
	4.4	Return the machine to service
	4.5	Process written maintenance records
5. Conduct housekeeping activities	5.1	Clear work area and dispose of or recycle materials
	5.2	Process 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

No equivalent Unit

## Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>