



Australian Government

RIIMPO330D Conduct bucket-wheel operations

Release: 1

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Modification History

Not applicable.

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.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Coal mining

Elements and Performance Criteria

<p>1. Plan and prepare for bucket-wheel operations</p>	<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>
<p>2. Operate bucket-wheel excavator</p>	<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>
<p>3. Relocate bucket-wheel excavator</p>	<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>
<p>4. Carry out operator maintenance</p>	<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 Clean and maintain condition of equipment, ensure suitability for use, and address/report issues
	5.3 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.

Range of Conditions

Unit Mapping Information

No equivalent Unit

Links

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