



Australian Government

RIIMPO301D Conduct hydraulic excavator operations

Release: 4

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Modification History

Release	Comment
1	This unit replaces RIIMPO301C Conduct hydraulic excavator operations. Performance Criteria amended to make requirements more explicit; manoeuvring, driving and parking up added; operator maintenance element added.
2	Removed repetition in Performance Criteria; editorial corrections; modification History inserted.
3	Editorial corrections; amend reference to Licensing requirements in Unit Application.
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 hydraulic excavator operations in Coal and Metalliferous mining and Extractive.

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

Extractive

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for hydraulic excavator operations	<p>1.1 Access, interpret and apply hydraulic excavator 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 clarify geological and survey data required to complete the allocated work</p> <p>1.6 Inspect and prepare work area in coordination with others</p> <p>1.7 Select, and check for faults, equipment and/or attachments for work activities</p> <p>1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Operate hydraulic excavator	<p>2.1 Carry out start-up, park, shutdown and secure equipment procedures</p> <p>2.2 Coordinate activities with others at the site prior to commencing, during, and on completion of the work activity</p> <p>2.3 Walk excavator and position for operation</p> <p>2.4 Select and modify the operating technique to appropriately meet changing work conditions</p> <p>2.5 Monitor and manage equipment performance using indicators, and ensure efficiency of operations</p> <p>2.6 Act on or report monitoring systems and alarms</p> <p>2.7 Distribute bulk materials into materials handling equipment considering load limits, and ensuring equipment stability</p> <p>2.8 Side cast bulk materials</p> <p>2.9 Continuously monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p> <p>2.10 Complete the work plan, within the operating capacities of the equipment</p>
3. Carry out operator maintenance	<p>3.1 Prepare machine for maintenance</p> <p>3.2 Conduct inspections and fault finding procedures</p> <p>3.3 Carry out scheduled maintenance tasks</p> <p>3.4 Return equipment to service</p>

	3.5	Process written maintenance records
4. Carry out housekeeping activities	4.1	Clear work area and dispose of or recycle materials
	4.2	Manage and/or report hazards, and maintain a safe working environment
	4.3	Process written 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/>