



**Australian Government**

# **RIIMPO319D Conduct backhoe/loader operations**

**Release: 2**

## RIIMPO319D Conduct backhoe/loader operations

### Modification History

Release	Comment
1	This unit replaces RIIMPO319A Conduct backhoe loader operations.
2	Amended Performance Evidence and Performance Criteria.

### Application

This unit describes a participant's skills and knowledge required to conduct backhoe/loader operations in Civil construction.

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

- Civil construction

## Elements and Performance Criteria

1. Plan and prepare for backhoe/loader operations	<p>1.1 Access, interpret and apply backhoe/loader operations documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work instructions</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 Identify, obtain and implement signage traffic management requirements</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 backhoe/loader	<p>2.1 Carry out pre-start, start-up, park, shutdown and secure equipment procedures</p> <p>2.2 Coordinate activities with others at the site prior to commencement of, and during, the work activity</p> <p>2.3 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p> <p>2.4 Drive and operate machine, and modify the operating technique to meet changing work conditions</p> <p>2.5 Complete work plan within the operating capacity of the equipment</p> <p>2.6 Act on or report monitoring systems and alarms</p>
3. Load, carry and place materials	<p>3.1 Conduct communication practices associated with transportation and lifting of materials</p> <p>3.2 Establish weight of load and ensure it is within safe operational limits of the machine</p> <p>3.3 Select, attach and apply slings and lifting gear in accordance with safe working load requirements</p> <p>3.4 Position and locate machinery to ensure stability to effectively shift materials according to job specifications</p> <p>3.5 Shift load safely and effectively</p> <p>3.6 Move load using hand/audible/communication signals</p>
4. Select, remove and fit attachments	<p>4.1 Select attachment for the task</p> <p>4.2 Remove and fit attachment</p>

	<p>4.3 Test attachment and ensure correct fitting and operation</p> <p>4.4 Use attachment in accordance with recommendations and design limits</p> <p>4.5 Clean and store removed attachments in designated location</p>
5. Relocate the backhoe/ loader	<p>5.1 Prepare backhoe/loader for relocation</p> <p>5.2 Move backhoe/loader safely between worksites, observing relevant codes and traffic management requirements</p>
6. Carry out machine operator maintenance	<p>6.1 Prepare machine for maintenance</p> <p>6.2 Conduct inspection and fault finding</p> <p>6.3 Carry out scheduled maintenance tasks</p> <p>6.4 Process written maintenance records</p>
7. Clean up	<p>7.1 Clear work area and dispose of or recycle materials</p> <p>7.2 Process 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

RIIMPO319A Conduct backhoe loader operations

## Links

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