



**Australian Government**

# **RIIMPO320D Conduct civil construction excavator operations**

**Release: 3**

## RIIMPO320D Conduct civil construction excavator operations

### Modification History

Release	Comment
1	This unit replaces RIIMPO320B Conduct civil construction excavator operations.
2	Performance Evidence wording amended; removed repetition from Performance Criteria; amend reference to Licensing requirements in Unit Application.
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 civil construction excavator 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 excavator operations	<p>1.1 Access, interpret and apply excavator 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 Obtain, identify and implement traffic management signage</p>
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	<p>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 excavator	<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 excavator, and modify the operating technique to meet changing work conditions</p>
3. Lift, 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 use slings and lifting gear in accordance with safe working load requirements</p> <p>3.4 Position machinery and ensure stability and locate 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 according to manufacturer's manual and site requirements</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 Remove, clean and store attachments in designated location</p>
5. Relocate the excavator	<p>5.1 Prepare excavator for relocation</p> <p>5.2 Move excavator safely between worksites, observing relevant codes and traffic management requirements</p> <p>5.3 Load and unload machine from float/trailer</p>
6. Carry out machine operator maintenance	<p>6.1 Prepare machine for maintenance</p> <p>6.2 Conduct inspection and fault finding</p>

	6.3	Carry out scheduled maintenance tasks
	6.4	Process written maintenance records
7. Conduct housekeeping activities	7.1	Clear work area and dispose of or recycle materials
	7.2	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

RIIMPO320B Conduct civil construction excavator operations

## Links

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