



Australian Government

RIIMPO321E Conduct civil construction wheeled front end loader operations

Release: 1

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Modification History

Release	Comment
1	This unit replaces RIIMPO321D Conduct civil construction wheeled front end loader operations. Unit application amended. Element related to attachments and related performance evidence removed. Performance criteria 4.2 amended grammatically. Performance evidence 'carrying out vehicle refuelling requirements and procedures' moved to knowledge evidence. Unit mapping table included.

Application

This unit describes the skills and knowledge required to conduct civil construction wheeled front end loader operations.

This unit is appropriate for those working in operational roles.

Where equipment being assessed requires the fitting and removal of attachments to be demonstrated an integrated tool carrier unit should be used.

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 wheeled front end loader operations	<p>1.1 Access, interpret and apply wheeled front end 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 Obtain, identify and implement traffic management signage requirements</p>
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	<p>1.6 Select equipment for work activities and check for faults</p> <p>1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Operate front end 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 front end loader, 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. Attach, secure, 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 to 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. Prepare to relocate the front end loader	<p>4.1 Prepare front end loader for relocation</p> <p>4.2 Move front end loader safely within and/or between work areas, observing relevant codes and traffic management requirements</p> <p>4.3 Load and unload machine from float/trailer</p>
5. Carry out machine operator maintenance	<p>5.1 Prepare machine for maintenance</p> <p>5.2 Conduct inspection and fault finding</p> <p>5.3 Carry out scheduled maintenance tasks</p> <p>5.4 Process written maintenance records</p>
6. Conduct housekeeping activities	<p>6.1 Clear work area and dispose of or recycle materials</p> <p>6.2 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

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIMPO321E Conduct civil construction wheeled front end loader operations	RIIMPO321D Conduct civil construction wheeled front end loader operations	Unit application amended; element removed; performance and knowledge evidence amended	Not equivalent

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>