



Australian Government

**RIIMPO322E Conduct civil construction
tracked front end loader operations**

Release: 1

RIIMPO322E Conduct civil construction tracked front end loader operations

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0.

Application

This unit describes the skills and knowledge required to operate a tracked front end loader to shift loads.

This unit applies to those working in site based roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors, and must be sourced from state jurisdictions prior to applying this unit.

This unit alone does not provide sufficient skill to independently load and unload equipment. To perform this activity safely, personnel must either complete or be assisted by someone who has completed RIIHAN308F Load and Unload Plant or equivalent.

Unit Sector

Civil infrastructure

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for tracked front end loader operations	1.1 Access, interpret and apply tracked front end loader operations documentation and ensure the work activity is compliant 1.2 Obtain, interpret, clarify and confirm work instructions 1.3 Identify hazards and environmental issues, assess the risks and implement control measures in line with workplace policies 1.4 Select and wear personal protective equipment required for work activities 1.5 Identify, obtain and implement traffic management signage

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>requirements</p> <p>1.6 Select required tracked front end loader equipment and/or attachments and confirm suitability for work activities</p> <p>1.7 Obtain and interpret emergency procedures for tracked front end loaders, and be prepared for fires, accidents and emergencies</p> <p>1.8 Coordinate and communicate planned activities with others at the site prior to commencement of work activity</p>
2. Operate front end loader in line with established requirements	<p>2.1 Carry out prestart and start-up checks in line with workplace procedures</p> <p>2.2 Identify faults or defects and rectify or report within scope of own responsibility and according to workplace procedures</p> <p>2.3 Drive and operate front end loader using techniques suited to equipment capabilities, site and work conditions, and according to workplace procedures</p> <p>2.5 Monitor hazards and risks during operations, and ensure safety of self, other personnel, plant and equipment</p> <p>2.6 Monitor and manage equipment performance using indicators and alarms</p>
3. Attach, secure, lift, carry and place	<p>3.1 Establish weight of load and ensure it is within safe operational limits of the machine</p> <p>3.2 Use lifting gear within safe work load requirements and in line with workplace procedures</p> <p>3.3 Position machinery to ensure stable effective shift materials of according to work requirements</p> <p>3.4 Shift load safely and effectively using hand, audible and communication signals, in line with workplace procedures</p> <p>3.5 Park up, shut down, secure and carry out post operational inspection of equipment in line with workplace procedures</p>
4. Relocate the front end loader	<p>4.1 Prepare front end loader for relocation</p> <p>4.2 Move front end loader safely between work sites, observing relevant codes and traffic management requirements</p> <p>4.3 Assist loading and unloading machine from float/trailer in line with workplace procedures</p>
5. Conduct	5.1 Clear work area and dispose or recycle materials according to

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
housekeeping activities	workplace procedures in accordance with project environmental management plan 5.2 Manage and/or report hazards to maintain a safe working environment 5.3 Complete and file or distribute documentation in a manner that complies with workplace practices

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Skill	Description
Reading	<ul style="list-style-type: none"> Identifies and interprets information from workplace procedures, documentation, legislation and regulations
Numeracy	<ul style="list-style-type: none"> Uses equipment operating capacity schedule to confirm safe weight load limits

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIMPO322E Conduct civil construction tracked front end loader operations (Release 1)	RIIMPO322D Conduct civil construction tracked front end loader operations (Release 4)	Minor updates to reflect changes to operator maintenance and relocation activities	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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