



Australian Government

RIIMPO321F Conduct civil construction wheeled front end loader operations

Release: 3

RIIMPO321F Conduct civil construction wheeled 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. |
| Release 2 | Editorial corrections. |
| Release 3 | Editorial and other amendments made to clarify requirements in Application and Performance Criteria 4.3. |

Application

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

This unit applies to those working in site- based 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, 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 assisting 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 wheeled front end | 1.1 Access, interpret and apply wheeled front end loader operations documentation |

| ELEMENT | PERFORMANCE CRITERIA |
|--|--|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| loader operations | 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 Obtain, identify and implement traffic management signage requirements according to standard operating procedures and safe work practices 1.6 Select required wheeled front end loader equipment and confirm suitability for work activities 1.7 Obtain and interpret emergency procedures for wheeled front end loaders, and be prepared for fires, accidents and emergencies 1.8 Coordinate and communicate planned activities with others at the site prior to commencement of work activity |
| 2. Operate front end loader in line with established requirements | 2.1 Carry out prestart and start-up checks in line with workplace procedures 2.2 Identify faults or defects and rectify or report within scope of own responsibility and according to workplace procedures 2.3 Drive and operate front end loader, and modify the operating technique to meet changing work conditions 2.4 Monitor hazards and risks during operations, and ensure safety of self, other personnel, plant and equipment 2.5 Perform work activity within the operating capacity of the equipment 2.6 Monitor and manage equipment performance using indicators and alarms in accordance with manufacturers' specifications |
| 3. Attach, secure, lift, carry and place materials to complete work activity | 3.1 Establish weight of load and ensure it is within safe operational limits of the machine 3.2 Use lifting gear within safe working load requirements and in line with workplace procedures 3.3 Position machinery to ensure stable effective shift materials according to work requirements 3.4 Shift load safely and effectively using hand, audible and communication signal, in line with workplace procedures 3.5 Park up, shut down, secure and carry out post operational |

| ELEMENT | PERFORMANCE CRITERIA |
|--|---|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| | inspection of equipment in line with workplace procedures |
| 4. Prepare to relocate the front end loader | 4.1 Prepare front end loader for relocation 4.2 Move front end loader safely within and/or between work areas, observing relevant codes and traffic management requirements 4.3 Assist loading and unloading machine from float/trailer as required by workplace procedures |
| 5. Conduct housekeeping activities | 5.1 Clear work area and dispose of or recycle materials according to workplace procedures 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 |
|--|---|---|--------------------|
| RIIMPO321F Conduct civil construction wheeled front end | RIIMPO321E Conduct civil construction wheeled front end loader | Minor updates to reflect changes to operator maintenance and relocation | Equivalent unit |

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|----------------------------------|------------------------|------------|--|
| loader operations (Release 1) | operations (Release 1) | activities | |
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Links

Companion Volume Implementation Guides are available from VETNet -

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