

# RIIMPO321F CONDUCT CIVIL CONSTRUCTION WHEELED FRONT END LOADER OPERATIONS



## Course Overview

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.

Refer to: <https://training.gov.au/Training/Details/RIIMPO321F>

## Course Topics

- Wheeled Front End Loader types, characteristics, technical capabilities and limitations
- Soil technology and soil compaction for civil work
- Techniques for calculating safe working loads
- Operational, maintenance and basic diagnostic procedures
- Licensing, legislative, regulatory and certification requirements that apply in Queensland
- Site and Equipment safety requirements
- Wheeled Front End Loader techniques related to essential tasks
- Site isolation and traffic control responsibilities and authorities
- Civil construction terminology
- Civil construction activity sequences of road construction, earthworks and drainage
- Methods of changing machine attachments
- Safe operating and levelling techniques in all terrain
- Basic earthworks calculations

## Who Should Attend?

This unit of competency is appropriate for existing and potential employees of a broad cross section of the Australian industry, who are working in an operational role, at worksites including; civil construction, coal mining, drilling, extractive industries or metalliferous mining.

**RPL:** RPL is available. Please contact MacNellie's Workplace Safety for information about how to apply for the Recognition of Prior Learning.

## Course Delivery and Assessment

### Dress Code:

Hi-Vis Work Clothes – Sun Safe  
Steel Cap Boots

### Duration:

4 hours Face to Face training  
Min. 2 hours Theory and Practical Assessment  
40 hours recorded in Log Book

### Assessment Details:

- Workbook
- Multiple Choice and Written Assessment
- Practical Assessment
- Log Book

### Fees:

Price on request

### Course Outcome:

Statement of Attainment  
Wallet Card

49 Condamine Street  
DALBY QLD 4405  
Ph: 07 4662 6860 – Option 2  
Email: [training@macnellies.com.au](mailto:training@macnellies.com.au)

**THE COMPLETE PACKAGE**

