

RIIMPO324F CONDUCT CIVIL CONSTRUCTION GRADER OPERATIONS



Course Overview

This unit describes a participant's skills and knowledge required to conduct civil construction grader operations in civil construction. 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 assisting someone who has completed RIIHAN308F Load and unload plant or equivalent.

Refer to: <https://training.gov.au/Training/Details/RIIMPO323E>

Course Topics

- Grader types, characteristics, technical capabilities and limitations
- Principles of soil technology and soil compaction for civil works
- Techniques for calculating safe working loads
- Operational, maintenance and basic diagnostic procedures
- Licensing, legislative, regulatory and certification requirements that apply in Queensland
- Civil construction activity sequences of road construction, earthworks and drainage
- Basic earthworks calculations
- Civil construction terminology
- Safe operating and techniques in all terrain
- Using machine guidance system and laser levelling equipment
- Methods of changing machine attachments/equipment
- Grader techniques related to essential tasks
- Site isolation and traffic control responsibilities and authorities

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
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Ph: 07 4662 6860 – Option 2
Email: training@macnellies.com.au

THE COMPLETE PACKAGE

