

# RIIMPO320F CONDUCT CIVIL CONSTRUCTION EXCAVATOR OPERATIONS



## Course Overview

This unit describes the skills and knowledge required to operate excavator operations to lift carry and place materials. 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/RIIMPO320F>

## Course Topics

- Excavator types, characteristics, technical capabilities and limitations
- Principles of soil technology and soil compaction for civil work
- Operational, maintenance and basic diagnostic procedures
- Civil construction activity sequences of road construction, earthworks and drainage
- Licensing, legislative, regulatory and certification requirements that apply in Queensland
- Site and Equipment safety requirements
- Excavator techniques related to essential tasks
- Site isolation and traffic control responsibilities and authorities
- Civil construction terminology
- Methods of changing machine attachments/Equipment
- Safe operating and techniques in all terrain
- Basic earthworks calculations
- Interpret drawings and sketches
- Communicating clearly and concisely with others to receive and clarify work instructions
- Completing operations to specification using a variety of material types and activities

## 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 Capped 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

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Email: [training@macnellies.com.au](mailto:training@macnellies.com.au)

**THE COMPLETE PACKAGE**

