



Australian Government

RII31220 Certificate III in Civil Foundations

Release: 2

RII31220 Certificate III in Civil Foundations

Modification History

Release	Comments
Release 2	This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors.
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Qualification Description

This qualification reflects the role of a skilled operator performing foundation work in the civil construction industry who applies a broad range of skills in a varied work context, using some discretion and judgement and relevant theoretical knowledge. The individual may provide some theoretical advice and work collaboratively to support a team.

Licensing, legislative, regulatory or certification considerations

Licensing, legislative, regulatory and certification requirements that apply to this qualification can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the qualification.

Entry Requirements

Nil

Packaging Rules

The following provides the packaging rules for this qualification, followed by the list of relevant units of competency.

Total number of units = 26

15 core units plus

11 elective units, of which:

- at least five (5) must be chosen from Group A, of which at least (2) must be foundation work (RIICFW) units
- no more than five (5) may be chosen from Group B
- no more than one (1) unit may come from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

All elective units selected from outside this qualification must reflect current occupational and learning outcomes of this AQF qualification level.

There are no prerequisites to imported units listed in this qualification. Where a unit is imported as an elective care must be taken to ensure that all prerequisites specified are complied with.

Core units of competency	
<i>Unit code</i>	<i>Unit title</i>
RIIBEF201E	Plan and organise work
RIICCM201E	Carry out measurements and calculations
RIICCM202E	Identify, locate and protect underground services
RIICCM203E	Read and interpret plans and job specifications
RIICCM205F	Carry out manual excavation
RIICCM207E	Spread and compact materials manually
RIICCM208E	Carry out basic levelling
RIICOM201E	Communicate in the workplace
RIIRIS301E	Apply risk management processes
RIISAM201E	Handle resources and infrastructure materials and safely dispose of nontoxic materials
RIISAM203E	Use hand and power tools
RIISAM204E	Operate small plant and equipment
RIIWHS201E	Work safely and follow WHS policies and procedures
RIIWMG203E	Drain and dewater civil construction sites
RIIWMG301E	Control construction site water tables
Electives	
Group A	
AHCSAW301	Construct conservation earthworks
RIICCM211E	Construct and dismantle fences and gates
RIICFW301E	Construct underpinning
RIICFW302E	Install temporary and permanent rock anchors
RIICFW303E	Install primary ground supports
RIICFW304E	Conduct pile driving operations
RIICFW305E	Conduct cast in-situ pilings operations
RIICFW306E	Direct pile driving operations

RIICFW307E	Direct cast in-situ piling operations
RIICFW308	Conduct screw piling operations
RIICRC306E	Conduct earthworks
RIIHAN301E	Operate elevating work platform
RIIMG301E	Maintain site records
RIIWHS302E	Implement traffic management plans
Group B	
<i>Unit code</i>	<i>Unit title</i>
AHCSAW201	Conduct erosion and sediment control activities
BSBTWK301	Use inclusive work practices
CPCCLDG3001A	Licence to perform dogging
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level
RIICCM210E	Install trench support
RIIHAN208E	Perform dogging
RIIHAN211D	Conduct basic scaffolding operations
RIINHB202E	Set up and pack up drill sites
RIIQUA201E	Maintain and monitor site quality standards
RIIRIS201E	Conduct local risk control
RIIRIS202E	Respond to site based spills
RIISAM205E	Cut, weld and bend materials
RIISAM213E	Position and set up mobile lighting
RIIWHS202E	Enter and work in confined spaces
RIIWHS205E	Control traffic with stop-slow bat
TLILIC0005	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)

Qualification Mapping Information

Supersedes and is equivalent to RII31215 Certificate III in Civil Foundations.

Links

Companion Volume Implementation Guide is found on VETNet -

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

