



Onsite Training Solutions

**RII30919 Certificate III in Civil
Construction
(Road Construction and Maintenance)**

Release 3

RII30919 Certificate III in Civil Construction

Modification History

Release	Comments
1	This qualification replaces RII30915 Certificate III in Civil Construction. Packaging rules and elective units for Stream 1 Bituminous Surfacing amended to reflect skills required by workers in asphalt surfacing and spray sealing. Native and imported core and elective units updated to current equivalent versions.
2	Elective units added.
3	Minor change to add the following units of competency to the elective list: RIIBEF202E Identify and rectify site operating problems RIIMG301E Maintain site records RIIOGF302E Operate drilling fluids and mud pits

Qualification Description

This qualification reflects the role of a skilled operator working in civil construction, who applies a broad range of skills in a varied work context, using some discretion and judgement and relevant theoretical knowledge.

The qualification applies to specialist occupations pipe laying. The individual may provide theoretical advice and support a team.

Licensing/Regulatory Information

Licensing, legislative, regulatory and certification requirements that apply to this qualification can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of 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.

The qualification has core and elective units of competency requirements that cover the general and specialist skills for seven (7) specialist and one (1) general civil construction stream.

Stream 4 – Road Construction and Maintenance

The core and elective unit requirements of this stream must be met for this qualification to be awarded with the specialisation of Pipe Laying.

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

The elective bank contains both licensed and non-licensed units of competency relating to high risk work in the resources and infrastructure industry. To be appointed under any statutory requirements in related roles, units of competency should be selected to meet the state/territory licensing requirements.

There are 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.

To be awarded the Certificate III in Civil Construction (Road Construction and Maintenance) the following packaging rules apply:

Total number of units = 25

7 core units plus

18 elective units, of which:

- nine (9) must be chosen from Group J
- at least two (2) must be chosen from Group K
- at least two (2) must be chosen from Group L
- up to five (5) may be chosen from the electives below, elsewhere within this training package, or from an other endorsed training package, or from an accredited course
- At least five (5) of the elective units must be road construction and maintenance units prefixed (RIICRC)

Unit Code	Unit Title	Nominal hours
RIIBEF201D	Plan and organise work	20
RIICCM201D	Carry out measurements and calculations	20
RIICCM203D	Read and interpret plans and specifications	40
RIICOM201D	Communicate in the workplace	20
RIISAM203D	Use hand and power tools	80
RIISAM204D	Operate small plant and equipment	20
RIIWHS201D	Work safely and follow WHS policies and procedures	20
Elective units		
Group J (all 9 units must be completed)		
Unit Code	Unit Title	Nominal hours
RIICCM202E	Identify, locate and protect underground services	30
RIICCM205E	Carry out manual excavation	8
RIICCM206D	Support plant operations	8
RIICCM207D	Spread and compact materials manually	12
RIICCM208D	Carry out basic levelling	8
RIICRC201D	Repair potholes	36
RIISAM201D	Handle resources and infrastructure materials and safely dispose of nontoxic materials	16
RIIWHS302E	Implement traffic management plans	20
RIIWMG203D	Drain and dewater civil construction site	20

Elective units (continued)		
Group K (minimum 2 (two) units from Group K)		
Unit Code	Unit Title	Nominal hours
RIICRC301D	Maintain drainage systems	16
RIICRC304D	Maintain sealed roads	32
RIICRC306D	Conduct earthworks	80
RIICRC307D	Conduct road pavement construction	24
Group L (minimum 2 (two) units from Group L)		
Unit Code	Unit Title	Nominal hours
RIICCM209D	Carry out concrete work	40
RIICCM210D	Install trench support	16
RIICCM301D	Construct and dismantle fences and gates	40
RIICPL304D	Install pre-cast gully pits	40
RIICPL305D	Install pre-cast access chambers	40
RIICRC202D	Install signs	16
RIICRC203D	Install sub-soil drainage	20
RIICRC204D	Install and maintain roadside fixtures	30
RIICRC206D	Install pre-cast concrete crash barriers	40
RIICRC208D	Lay pipes	40
RIIMG301D	Maintain site records	10
RIIRIS201D	Conduct local risk control	20

Qualification Mapping Information

Supersedes and is equivalent to RII30915 Certificate II in Civil Construction

Links

Companion Volume implementation guides are found in VETNet – <http://vetrnet.gov.au>