



Onsite Training Solutions

**RII30920 Certificate III in Civil
Construction
(Road Construction and Maintenance)**

RII30920 Certificate III in Civil Construction

Modification History

Release	Comments
Release 3	<p>This version was released with RII Resources and Infrastructure Industry Training Package Version 7.1.</p> <p>Minor change to replace incorrect elective unit code BSBOPS301 with correct unit code and title BSBOPS304 Deliver and monitor a service to customers.</p>
Release 2	<p>This version was released with RII Resources and Infrastructure Training Package version 7.0.</p> <p>Version created to fix typographical and/or unit grid errors.</p>
Release 1	<p>This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.</p> <p>Minor change to add RIIMPO339A Conduct side tipper operations to the elective list.</p>

Qualification Description

This qualification reflects the role of individuals working as skilled operators in civil construction, who apply a broad range of skills in varied work contexts, using some discretion and judgement and relevant theoretical knowledge. The individual may provide theoretical advice and support a team.

The qualification applies to specialist occupations in bituminous surfacing, bridge construction and maintenance, pipe laying, road construction and maintenance, road marking, tunnel construction, timber bridge construction and maintenance, traffic management and general civil construction occupations.

Licensing, legislative, regulatory or certification considerations

Licensing, legislative 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.

Specialisation 4 – Road Construction and Maintenance

The core and elective unit requirements of one (1) specialisation must be met for this qualification to be awarded.

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 = 26

8 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 four (4) may be chosen from the electives below, elsewhere within this training package, or from another endorsed training package, or from an accredited course
- at least five (5) of the eighteen (18) elective units chosen must be road construction and maintenance (RIICRC) units.

Core units of competency – 8 core units		Nominal Hours
<i>Unit code</i>	<i>Unit title</i>	
RIIBEF201E	Plan and organise work	20
RIICCM201E	Carry out measurements and calculations	20
RIICCM203E	Read and interpret plans and job specifications	40
RIICOM201E	Communicate in the workplace	20
RIIRIS301E	Apply risk management processes	40
RIISAM203E	Use hand and power tools	80
RIISAM204E	Operate small plant and equipment	20
RIIWS201E	Work safely and follow WHS policies and procedures	20

Electives		
Group J Road Construction and Maintenance (Specialisation Core) – All 9 units must be completed (5 must be CRC units in certificate overall)		Nominal Hours
RIICCM202E	Identify, locate and protect underground services	30
RIICCM205F	Carry out manual excavation	8
RIICCM206E	Support plant operations	8
RIICCM207E	Spread and compact materials manually	12
RIICCM208E	Carry out basic levelling	8
RIICRC201E	Repair potholes	36
RIISAM201E	Handle resources and infrastructure materials and safely dispose of nontoxic materials	16
RIIWH302E	Implement traffic management plans	20
RIIWMG203E	Drain and dewater civil construction sites	20
Group K Road Construction and Maintenance (Technical) - at least two (2) must be chosen from Group K (5 must be CRC units in certificate overall)		Nominal Hours
RIICRC301E	Maintain drainage systems	16
RIICRC304E	Maintain sealed roads	32
RIICRC306E	Conduct earthworks	80
RIICRC307E	Conduct road pavement construction	24
Group L Road Construction and Maintenance (General) - at least two (2) must be chosen from Group L (5 must be CRC units in certificate overall)		Nominal Hours
RIICCM209E	Carry out concrete work	40
RIICCM210E	Install trench support	16
RIICCM211E	Construct and dismantle fences and gates	40
RIICPL302E	Install stormwater systems	40
RIICPL304E	Install pre-cast gully pits	40
RIICPL305E	Install pre-cast access chambers	40
RIICRC202E	Install signs	16
RIICRC203E	Install sub-soil drainage	20
RIICRC204E	Install and maintain roadside fixtures	30
RIICRC206E	Install pre-cast concrete crash barriers	40

RIICRC208E	Lay pipes	40
RIIIMG301E	Maintain site records	10
RIIRIS201E	Conduct local risk control	20
Other electives in this package - up to four (4) may be chosen from the electives below, elsewhere within this training package, or from another endorsed training package, or from an accredited course. (5 must be CRC units in certificate overall)		Nominal Hours
RIIQUA201E	Maintain and monitor site quality standards	20
RIIHAN308F	Load and unload plant	20
RIIHAN309F	Conduct telescopic materials handler operations	80
RIIMPO318F	Conduct civil construction skid steer loader operations	80
RIIMPO320F	Conduct civil construction excavator operations	200

Specialisations

The achievement of a specialisation will be identified on testamurs as follows:

- RII30920 Certificate III in Civil Construction (Road Construction and Maintenance)

Qualification Mapping Information

Supersedes and is equivalent to RII30919 Certificate III in Civil Construction.