



Australian Government

RII40613 Certificate IV in Civil Construction Operations

Release 1

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Modification History

Not applicable.

Qualification Description

This qualification reflects the role of specialist civil construction personnel who perform technical specialist tasks. They perform tasks involving a broad range of varied activities most of which are complex and non-routine. They are responsible for applying the site work instructions and practices to ensure the quantity and quality of their outputs and contribute to the development of technical solutions for non-routine problems.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

Requirements for completion of the qualification

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

Successful completion of twelve (12) units of competency made up of:

- four (4) core units, and
- eight (8) elective units of which:
 - at least four (4) must be chosen from A
 - at least two (2) must be chosen from group B
 - up to two (2) units may be chosen from Certificate III, Certificate IV or Diploma level from this, or any other Training Package or accredited course

Units chosen must be relevant to the job function.

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>
RIIENV402D	Implement and monitor environmental policies
BSBWHS401A	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
RIIQUA401D	Apply a quality management system on site
RIIRIS301D	Apply risk management processes
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
RIICBS401D	Apply the principles for the asphalt paving and compaction
RIICBS402D	Apply the principles for the application of bituminous sprayed treatment
RIICBS403D	Apply the principles for the application of polymer modified binder
RIICBS404D	Apply the principles for the selection and use of bituminous emulsion
RIICBS405D	Apply the principles for the application of slurry surfacing
RIICBS406D	Apply the principles of pavement profiling using a profiler

RIICBS407D	Apply the principles for the manufacture and delivery of hot mix asphalt
RIICBS408D	Apply the principles for the manufacture of cold mix
RIICBS409D	Apply the principles for the manufacture of polymer modified binder
RIICBS410D	Apply the principles for the manufacture of bituminous emulsion
RIICBS411D	Apply the principles for the manufacture of slurry surfacing
RIICRC401D	Apply the principles of flexible pavement construction
RIICRC402D	Apply the principles of rigid pavement construction
RIICRC403D	Apply the principles of the stabilisation of materials
RIICRC404D	Inspect and report on pavement condition
RIICRC405D	Carry out pavement condition measurement
RIICRC406D	Apply the principles of pavement maintenance
RIICWD525D	Select pavement surfacing
RIICWM402D	Supervise civil works contractors
RIIDML401D	Apply the principles of demolitions
LGAWORK401A	Develop works maintenance schedule
LGAWORK402A	Prepare for operational works
LGAWORK403A	Manage civil plant and resources
LGACOM401A	Administer contracts
LGACOM402A	Arrange contracts
LGACOM409A	Prepare tender documentation
LGACOM410A	Prepare response to tenders
BSBPMG416A	Apply contract and procurement procedures
MSL953001A	Receive and prepare samples for testing
MSL974001A	Prepare, standardise and use solutions
PMLTEST403B	Assist with geotechnical site investigations
MSL974003A	Perform chemical tests and procedures
MSL974005A	Perform physical tests
MSL974010A	Perform mechanical tests

MSL973001A	Perform basic tests
MSL973002A	Prepare working solutions
MSL973006A	Prepare trial batches for evaluation
MSL924001A	Process and interpret data
RIICPL401D	Apply the principles for the installation of underground service using open excavation
RIICTT401D	Apply the principles for the installation of underground services using trenchless technology
RIICTC401D	Apply the principles of tunnel construction
RIICSG401D	Apply the principles of civil concrete structures construction
RIICSG402D	Apply the principles of civil steel structures construction
RIICSG403D	Apply the principles of civil timber structures construction
RIICSG404D	Apply the principles of civil masonry, crib and gabion structure construction
RIICSG405D	Carry out inspections of civil structures
RIICSG406D	Apply principles of maintenance of civil structures
RIIMEX403D	Apply the principles of canal construction
RIIMPO402D	Apply the principles of earthworks construction
RIIBLA301D	Conduct surface shotfiring operations
RIIRIS403D	Managing and coordinating spill responses
Group B	
<i>Unit code</i>	<i>Unit title</i>
BSBMGT402A	Implement operational plan
BSBMGT403A	Implement continuous improvement
RIICCR401D	Develop and maintain positive community relations
RIICOM301D	Communicate information
RIIGOV401D	Apply, monitor and report on compliance systems

Qualification Mapping Information

No equivalent qualification

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>