



Australian Government

RII40713 Certificate IV in Civil Construction Supervision

Release 1

RII40713 Certificate IV in Civil Construction Supervision

Modification History

Not applicable.

Qualification Description

This qualification reflects the role of employees working in supervisory positions in civil construction. They perform tasks involving a broad range of varied activities most of which are complex and non-routine. They are responsible for the quantity and quality of the output of others, contribute to the development of technical solutions to non-routine problems and apply management plans to the workplace.

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

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:

- five (5) core units, and
- seven (7) elective units of which:
 - at least two (2) must be chosen from group 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 both licensed and non-licensed units of competency relating to high risk work in the Resources and Infrastructure Industry Training Package. 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.

Core units of competency	
<i>Unit code</i>	<i>Unit title</i>
BSBMGT401A	Show leadership in the workplace
BSBMGT402A	Implement operational plan
BSBWHS401A	Monitor a safe workplace
RIICWM401D	Supervise civil works
RIIRIS401D	Apply site risk management system
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
LGAWORK401A	Develop works maintenance schedule
LGAWORK402A	Prepare for operational works
MSL924001A	Process and interpret data
MSL975007A	Supervise earthworks inspection, sampling and testing operations <ul style="list-style-type: none"> • Prerequisite unit: MSL954001A Obtain representative samples in accordance with sampling plan • Prerequisite unit: MSL973009A Conduct

	field-based acceptance tests for construction materials
MSL975016A	<p>Perform complex tests to measure engineering properties of materials</p> <ul style="list-style-type: none"> • Prerequisite unit: MSL974012A Perform tests to determine the properties of construction materials • Prerequisite unit: MSL973010A Conduct laboratory-based acceptance tests for construction materials OR MSL973001A Perform basic tests
RIIBLA401D	Manage blasting operations
RIIBLA402D	Monitor and control the effects of blasting on the environment
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
RIICPL401D	Apply the principles for the installation of underground service using open excavation
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
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
RIICTC401D	Apply the principles of tunnel construction
RIICTT401D	Apply the principles for the installation of underground services using trenchless technology
RIICTT402D	Apply the principles for the repair and rehabilitation of underground services using trenchless technology
RIICWD525D	Select pavement surfacing
RIICWM402D	Supervise civil works contractors
RIICWM503D	Prepare civil works cost estimate
RIICWM504D	Prepare civil works bill of quantities
RIICWM505D	Prepare civil works schedule of rates
RIIDML401D	Apply the principles of demolitions
RIIMEX403D	Apply the principles of canal construction
RIIMPO402D	Apply the principles of earthworks construction
Group B	
<i>Unit code</i>	<i>Unit title</i>
BSBCUS401B	Coordinate implementation of customer service strategies
BSBFIA402A	Report on financial activity

BSBFIM501A	Manage budgets and financial plans
BSBINM401A	Implement workplace information system
BSBINN301A	Promote innovation in a team environment
BSBLED401A	Develop teams and individuals
BSBMGT403A	Implement continuous improvement
BSBPMG413A	Apply project human resources management approaches
BSBPMG416A	Apply project procurement procedures
BSBPMG522A	Manage projects
BSBSMB403A	Market the small business
BSBSMB404A	Undertake small business planning
BSBSMB402A	Plan small business finances
BSBSUS301B	Implement and monitor environmentally sustainable work practices
BSBWOR404B	Develop work priorities
LGADMIN417A	Conduct community consultations
LGACOM401A	Administer contracts
LGACOM402A	Arrange contracts
LGACOM409A	Prepare tender documentation
LGACOM410A	Prepare response to tenders
MSL953001A	Receive and prepare samples for testing
MSL973001A	Perform basic tests
MSL973002A	Prepare working solutions
MSL973006A	Prepare trial batches for evaluation
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
RIICCR401D	Develop and maintain positive community relations
RIICOM301D	Communicate information
RIICWD503D	Prepare work zone traffic management plan
RIIENV401D	Supervise dust and noise control

RIIGOV401D	Apply, monitor and report on compliance systems
RIIWHS302D	Implement traffic management plan
RIIWHS401D	Supervise work in confined spaces
RIIQUA401D	Apply a quality management system on site
RIIRAI402D	Apply and monitor site plant and resource management plan
RIIRIS301D	Apply risk management processes
RIIRIS403D	Managing and coordinating spill response
RIISAM401D	Apply site plant, equipment and infrastructure management plan

Qualification Mapping Information

No equivalent qualification

Links

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