



**Australian Government**

# **RII20712 Certificate II in Civil Construction**

**Release 2**

## **RII20712 Certificate II in Civil Construction**

### **Modification History**

Not applicable.

### **Description**

This qualification reflects the role of individuals working in an operational role in civil construction, who undertake a prescribed range of tasks using limited practical skills and fundamental knowledge, in a defined context working under supervision.

### **Pathways Information**

Not applicable.

### **Licensing/Regulatory Information**

Not applicable.

### **Entry Requirements**

Not applicable.

## Employability Skills Summary

The following table includes a summary of the employability skills as identified by the resources and infrastructure industry for this qualification. The table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes required here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> <li>• speak clearly and directly</li> <li>• listen carefully to instructions and information</li> <li>• read and interpret work instructions and safety signs</li> <li>• calculate basic weights, distances and volumes</li> <li>• complete incident and maintenance reports</li> <li>• adjust communication style to meet the needs of people with diverse backgrounds</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• apply teamwork in a range of situations, particularly in a safety context</li> <li>• contribute to the planning and execution of operations</li> <li>• work cooperatively with people of different ages, gender, race, religion or political persuasion and people with disability</li> <li>• recognise and respond sensitively to people from culturally and linguistically diverse backgrounds</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• adjust work methods in response to changing weather and site conditions</li> <li>• participate in team solutions to safety issues</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• independently adapt to changing work conditions or different work areas</li> <li>• identify potential improvements to working practice and conditions</li> <li>• identify and assess risks in the workplace</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• manage time and priorities to complete work</li> <li>• identify and obtain appropriate equipment and permits</li> <li>• identify potential hazards and prepare appropriate responses</li> <li>• follow procedures and techniques relevant to the equipment and work being done</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• take responsibility for planning and organising own work priorities and completing assigned tasks</li> <li>• monitor own performance to ensure work will be completed well and on time</li> <li>• understand the standard of work expected at a work site</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• be willing to learn new ways of working</li> <li>• seek information to improve performance from people and</li> </ul>

	<p>workplace documents like policies, procedures etc</p> <ul style="list-style-type: none"><li>• understand equipment characteristics, technical capabilities, limitations and procedures</li></ul>
Technology	<ul style="list-style-type: none"><li>• use technology to monitor and report on work progress</li><li>• use communications technology appropriate to the workplace (email, mobile, radio, etc)</li><li>• operate equipment safely</li></ul>

## Packaging Rules

### Requirements for completion of the qualification

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

Successful completion of sixteen (16) units of competency made up of:

- ten (10) Core units, and
- six (6) elective units of which:
  - at least three (3) must come from the Group A electives listed below
  - up to three (3) may come from AQF level II or III from this, or any other Training Package
  - up to (2) may come from an accredited course at AQF II or III level

Units of competency chosen must

- be relevant to the competency requirements for the job function
- reflect the competency profile for the occupation at the enterprise level
- in the case of accredited course units of competency, not duplicate in part or in whole any unit from a Training Package

There are both licenced and non-licenced units of competency relating to high risk work in the RII09 Resources and Infrastructure Training Package. To be appointed under any statutory requirements in related roles, units of competency should be demonstrated to meet the state/territory licensing requirements. State/territory licensing requirements need to be confirmed by the Registered Training Organisation delivering and/or assessing the competency.

Care must be taken to ensure that all prerequisites specified within imported units, or units chosen as electives, are complied with.

<b>Core units of competency</b>	
<i>Unit code</i>	<i>Unit title</i>
RIIBEF201B	Plan and organise work
RIICCM201A	Carry out measurements and calculations
RIICCM202A	Identify, locate and protect underground services
RIICCM203A	Read and interpret plans and specifications
RIICCM205A	Carry out manual excavation
RIICCM207A	Spread and compact materials manually
RIICOM201A	Communicate in the workplace

RIIOHS201A	Work safely and follow OHS policies and procedures
RIISAM203B	Use hand and power tools
RIISAM204B	Operate small plant and equipment
<b>Group A</b>	
<i>Unit code</i>	<i>Unit title</i>
CPCCCM2007B	Use explosive power tools
CPCCLDG3001A	Licence to perform dogging
CPCCLRG3001A	Licence to perform rigging basic level
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level
FPICOT2239A	Trim and cut felled trees
FPIFGM3212	Fall trees manually - intermediate
RIICBS202A	Hand spread asphalt
RIICCM206A	Support plant operations
RIICCM208A	Carry out basic levelling
RIICCM209A	Carry out concrete work
RIICCM210A	Install trench support
RIICCM211A	Erect and dismantle temporary fencing and gates
RIICFW306A	Direct pile driving operations
RIICFW307A	Direct cast in-situ piling operations
RIICRC201A	Repair potholes
RIICRC208A	Lay pipes
RIIHAN211A	Conduct basic scaffolding operations
RIIHAN301B	Operate elevating work platform
RIIOHS202A	Enter and work in confined spaces
RIIOHS205A	Control traffic with stop-slow bat

RIISAM201A	Handle resources and infrastructure materials and safely dispose of non toxic materials
RIISAM205A	Cut, weld and bend materials
RIIWMG203A	Drain and dewater civil construction site
<b>Group B High risk work electives</b>	
<i>Unit code</i>	<i>Unit title</i>
CPCCLDG3001A	Licence to perform dogging
CPCCLRG3001A	Licence to perform rigging – basic level
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding – basic level