



Australian Government

Department of Education, Employment and Workplace Relations

RII30809 Certificate III in Civil Construction Plant Operations

Release: 1

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Modification History

Not applicable.

Description

This qualification reflects the role of a skilled operator working with civil construction plant, who applies a broad range of skills in a varied work context, using some discretion and judgement and relevant theoretical knowledge. The individual may provide theoretical advice and support a team.

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

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

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 nineteen (19) units of competency made up of:

- fourteen (14) mandatory units of competency, and
- five (5) elective units from the electives list below, including:
 - one (1) unit from Group A electives listed below AND two (2) units from Group B electives listed below

OR

- two (2) units from Group A electives listed below

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

Mandatory units of competency	
<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
RIICCM206A	Support plant operations
RIICCM207A	Spread and compact materials manually
RIICCM208A	Carry out basic levelling
RIICOM201A	Communicate in the workplace
RIIOHS201A	Work safely and follow OHS policies and procedures
RIISAM201A	Handle resources and infrastructure materials and safely dispose of non toxic materials
RIISAM203A	Use hand and power tools

RIISAM204A	Operate small plant and equipment
RIIWMG203A	Drain and dewater civil construction site
Electives	
<i>Unit code</i>	<i>Unit title</i>
CPCCCM2007A	Use explosive power tools
HLTFA301B	Apply first aid
RIICCM204A	Place and fix reinforcement materials
RIICCM209A	Carry out concrete work
RIICCM210A	Install trench support
RIICCM211A	Erect and dismantle temporary fencing and gates
RIICRC201A	Repair potholes
RIICRC208A	Lay pipes
RIIHAN208A	Perform dogging
RIIHAN211A	Conduct basic scaffolding operations
RIIHAN301B	Operate elevating work platform
RIIHAN308A	Load and unload plant
RIIOHS202A	Enter and work in confined spaces
RIIOHS204A	Work safely at heights
RIIOHS205A	Control traffic with stop-slow bat
RIIQUA201A	Maintain and monitor site quality standards
RIIRIS201B	Conduct local risk control
RIISAM205A	Cut, weld and bend materials
RIISAM213A	Position and set up mobile lighting
RTD2202A	Conduct erosion and sediment control activities
RTD3205A	Construct conservation earthworks

Group A electives	
<i>Unit code</i>	<i>Unit title</i>
RIIMPO318B	Conduct civil construction skid steer loader operations
RIIMPO319A	Conduct backhoe/loader operations
RIIMPO320A	Conduct civil construction excavator operations
RIIMPO321B	Conduct civil construction wheeled front end loader operations
RIIMPO322A	Conduct civil construction tracked front end loader operations
RIIMPO323A	Conduct civil construction dozer operations
RIIMPO324A	Conduct civil construction grader operations
RIIMPO325A	Conduct civil construction scraper operations
RIIMPO327A	Conduct pipe layer operations
Group B electives	
<i>Unit code</i>	<i>Unit title</i>
RIICRC308A	Conduct paver operations
RIICRC309A	Conduct stabiliser operations
RIIHAN309A	Conduct telescopic materials handler operations
RIIHAN311A	Conduct operations with integrated tool carrier
RIIMPO311A	Conduct haul truck operations
RIIMPO315A	Conduct tractor operations
RIIMPO316A	Conduct self propelled compactor operations
RIIMPO317A	Conduct roller operations
RIIMPO326A	Conduct civil construction water cart operations
RIIMPO328A	Conduct continuous bucket trencher operations
RIIVEH304A	Conduct tip truck operations