

# RII30915 CERTIFICATE III

## IN CIVIL CONSTRUCTION BRIDGE CONSTRUCTION AND MAINTENANCE



**CIVIL TRAIN**  
The Training Division of the CCF

### // ABOUT CIVIL TRAIN QLD

Civil Train QLD is a nationally certified Registered Training Organisation (RTO), and the training division of the Civil Contractors Federation Queensland Branch (CCF QLD); the peak industry body for the civil construction industry. We have been delivering training to the civil construction industry for more than 15 years and are focused on ensuring our industry is skilled for the future.

Our clients benefit from the fact that we know civil construction training: it's all we do. We offer authentic industry training and believe in training by the industry, for the industry. That is why we work directly with industry to develop and deliver the best training possible; resulting in training that is relevant, efficient and cost effective. What's more is that because we are the training division of CCF QLD, Civil Train QLD has a direct link to engage in strong industry partnerships; a unique point of difference from other RTOs within the industry.

With a focus on customer service, flexibility and professionalism, Civil Train QLD is an industry leader for high quality training within the civil construction industry. During the course of this qualification you will be exposed to both the theory and practical aspects required to prepare you for a career in bridge construction.

### // THE QUALIFICATION

This nationally recognised qualification is for individuals wishing to develop or enhance their proficiency as a civil construction worker.

Certificate III in Civil Construction Bridge Construction and Maintenance provides training in the practical and technical skills required to build and repair concrete bridges. During the course of this qualification you will be exposed to both the theory and practical aspects required to prepare you for a career in bridge construction.

You will learn how to:

- Monitor and maintain traffic management through the work site
- Apply legislative, organisational and site requirements
- Identify, locate and protect underground services
- Identify and report on hazards related to the worksite and work
- Identify and maintain environmental requirements
- Read and prepare job specifications
- Use hand and power tools
- Identify types of drawings and specification under the direction of supervisors
- Prepare and set out earthworks
- Install bridge abutments, piers and decks
- Construction formwork to create shapes in concrete for concrete bridges
- Install bridge handrails

Civil Train QLD prides itself on flexible delivery and we welcome experienced civil contractors wanting to update their skills.

### // STUDYING FOR THIS QUALIFICATION

Certificate III in Civil Construction Bridge Construction and Maintenance is conducted as on the job training. This qualification is delivered as a full time traineeship over a nominal period of two years. You may complete the course earlier, depending on your own commitment and the variety of experience you receive in your workplace. The majority of your training will take place on site for both the theory and practical components.

Our experienced trainers are available to you for training assistance. Site visits will be scheduled approximately every two to three months, during which time your training progress will be monitored and recorded. Trainees will be given a tailored Training Plan upon enrolment, outlining specific units of study. Upon successful completion of all training requirements, trainees will be awarded appropriate Nationally Recognised Certification and Record of Results.

### // RECOGNITION OF PRIOR LEARNING (RPL)

Civil Train QLD offers RPL assessment to existing workers to determine the skills and experience which have been acquired in the workplace, through life experience or through other formal or informal learning. You may be able to complete the course of study in less time, with minimal disruption to your work, and in some cases at a lower cost.

The RPL process begins with an interview where additional sources of evidence of your skills and experience may become apparent. Your evidence may include previous or current verified job role experience, prior formal or informal training and even general life experience related to the industry and or the course of study. You should discuss these options with your assessor at the time of the RPL interview.

For further information about RPL and an application kit designed for this qualification, contact your Civil Train QLD representative.

### // COURSE STRUCTURE

Successful completion of this qualification will result in the student receiving a Nationally Recognised Certificate. Successful completion is made up of 25 units of competency including:

- seven core units; and
- eighteen elective units of which:
  - eight (8) must be chosen from Group D (listed overleaf); and
  - at least two (2) must be chosen from Group E (listed overleaf); and
  - at least three (3) must be chosen from Group F (listed overleaf); and
  - no more than five (5) may be chosen from elsewhere within this training package, or from another endorsed training package, or from an accredited course.



## // CORE UNITS OF COMPETENCY

RIIBEF201D	Plan and organise work
RIICCM201D	Carry out measurements and calculations
RIICCM203D	Read and interpret plans and specifications
RIICOM201D	Communicate in the workplace
RIISAM203D	Use hand and power tools
RIISAM204D	Operate small plant and equipment
RIIWH5201D	Work safely and follow WHS policies and procedures

## // GROUP D ELECTIVES

RIICCM202D	Identify, locate and protect underground services
RIICCM205E	Carry out manual excavation
RIICCM206D	Support plant operations
RIICCM207D	Spread and compact materials manually
RIICCM208D	Carry out basic levelling
RIISAM201D	Handle resources and infrastructure materials and safely dispose of nontoxic materials
RIIWH5302D	Implement traffic management plan
RIIWMG203D	Drain and dewater civil construction site

## // GROUP E ELECTIVES

RIICBM301D	Maintain concrete bridges
RIICBM302D	Install pre-cast girders
RIICBM303D	Install pre-cast parapets
RIICBM306D	Undertake concreting work on concrete bridges
RIICBM307D	Construct formwork and false work on concrete bridges

## // GROUP F ELECTIVES

CPCCCM2007B	Use explosive power tools (Prerequisite: CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry)
CPCCSF2004A	Place and fix reinforcement materials (Prerequisite: CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry)
RIICBM201D	Strip pile heads
RIICCM209D	Carry out concrete work
RIICCM210D	Install trench support
RIICCM211D	Erect and dismantle temporary fencing and gates
RIICCM301D	Construct and dismantle fences and gates
RIICRC201D	Repair potholes
RIIHAN208D	Perform dogging – RPL ONLY
RIIMG301D	Maintain site records
RIIRIS201D	Conduct local risk control
RIISAM205D	Cut, weld and bend materials
RIIWH5202D	Enter and work in confined spaces
RIIWH5204D	Work safely at heights
RIIWH5205D	Control traffic with stop-slow bat
RIIWMG301D	Control construction site water table

### BRISBANE

11 Hi-Tech Court  
Eight Mile Plains QLD 4113

P 07 3360 7955

E [civiltrain@ccfqld.com](mailto:civiltrain@ccfqld.com)

[www.civiltrainqld.com](http://www.civiltrainqld.com)

RTO # 5708

### TOWNSVILLE

Unit 13, 547 Woolcock Street  
Mount Louisa QLD 4814

P 07 4774 8014