

# RII31215 CERTIFICATE III IN CIVIL FOUNDATIONS



**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.

## // 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 Foundations workers construct underpinning and install various types of piles, anchors and ground support systems for bridges, buildings and other structures. They also use techniques to stabilise unsuitable soil materials that may have the potential to affect any new or existing civil construction project. 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 road construction.

You will learn how to:

- Carry out measurements and calculations
- Read and interpret plans and specifications
- Set out and construct underpinning to support existing structures
- Install rock anchors as a support in poor ground conditions
- Set up the piling rig and driving piles for foundations
- Install primary ground support for stabilisation of embankments, tunnels and access shifts
- Operate, clean and maintain plant and machinery
- Work in confined spaces
- Use small plant and ground equipment
- Check levels using a variety of leveling instruments and equipment
- Undertake manual excavation and tasks

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 Foundations 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:

- fourteen core units; and
- eleven elective units of which:
  - at least five (5) must be chosen from Group A, (listed overleaf) of which:
    - at least two (2) which must be foundation work (RIICFW) units
  - no more than five (5) may be chosen from Group B (listed overleaf); and
  - no more than one (1) unit may be chosen from 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  |
| RIICCM202D | Identify, locate and protect underground services                                      |
| RIICCM203D | Read and interpret plans and specifications  |
| RIICCM205E | Carry out manual excavation  |
| RIICCM207D | Spread and compact materials manually  |
| RIICCM208D | Carry out basic levelling  |
| RIICOM201D | Communicate in the workplace   |
| RIISAM201D | Handle resources and infrastructure materials and safely dispose of nontoxic materials |
| RIISAM203D | Use hand and power tools   |
| RIISAM204D | Operate small plant and equipment  |
| RIIWHS201D | Work safely and follow WHS policies and procedures                                     |
| RIIWMG203D | Drain and dewater civil construction site  |
| RIIWMG301D | Control construction site water table  |

## // GROUP A ELECTIVES

|            |  |
|------------|--|
| RIICCM301D | Construct and dismantle fences and gates     |
| RIICFW301D | Construct underpinning                       |
| RIICFW302D | Install temporary and permanent rock anchors |
| RIICFW303D | Install primary ground support               |
| RIICFW304D | Conduct pile driving operations              |
| RIICFW305D | Conduct cast in-situ piling operations       |
| RIICFW306D | Direct pile driving operations               |
| RIICRC306D | Conduct earthworks                           |
| RIIIMG301D | Maintain site records                        |
| RIIWHS302D | Implement traffic management plan            |

## // GROUP B ELECTIVES

|            |   |
|------------|---|
| RIICCM209D | Carry out concrete work                         |
| RIICCM210D | Install trench support                          |
| RIICCM211D | Erect and dismantle temporary fencing and gates |
| RIIHAN208D | Perform dogging – RPLY ONLY                     |
| RIIRIS201D | Conduct local risk control                      |
| RIISAM205D | Cut, weld and bend materials                    |
| RIIWHS202D | Enter and work in confined spaces               |
| RIIWHS205D | Control traffic with stop-slow bat              |

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