

## BCC31007 Certificate III in Civil Construction (Tunnel Construction)

### Qualification Overview

Trainees will be given the opportunity to learn an array of specialist practical skills and knowledge relevant to tunnel construction in the civil construction industry. Depending on the units selected trainees may experience training across areas including the construction of tunnels for rail, road, communications, water, sewerage, power and gas. Trainees will learn how to operate a wide range of tunnelling equipment and have the knowledge and skills for supervising activities in this area.

Upon successful completion of this traineeship students will receive qualification BCC31007 Certificate III in Civil Construction (Tunnel Construction).

### Duration

This traineeship can be delivered full-time over three (3) years OR part-time over six (6) years as a school-based traineeship.

### Entry Requirements

To be eligible to apply for this traineeship applicants must:

- Have completed Year 10 and be at least 15 years of age; and
- Be employed by an employer who works within their chosen vocational area of the building and construction industry.

### Delivery

This traineeship is delivered via a combination of several on and off the job training opportunities. A training plan and contract detailing the training dates and associated units of competency will be provided at the time of sign-up.

### Recognition of Prior Learning (RPL) / Credit Transfer

Prospective trainees may be eligible to receive RPL or credit transfer depending on whether they have any previous industry experience or hold existing qualifications. Applicants should speak with CSTC at the time of sign-up to discuss these options further.

### Fees & Charges

Current fees and charges associated with this traineeship will be provided to prospective trainees and their employers upon their initial enquiry. User Choice funding and various other government funding incentives are also available to eligible applicants.

### Refund Policy

The Refund Policy confirms that refunds are provided (as appropriate) within an acceptable time frame. In all instances, a full refund of enrolment fees will be made to the payer if training is cancelled by CSTC for any reason. Please refer to CSTC's website for further information regarding refunds and cancellations.

### How to Apply

Interested applicants and their employers should contact their local CSTC office for further information regarding enrolment into this traineeship. Alternatively, contact can be made with your local Australian Apprenticeship Centre (AAC) on 13 38 73 or [www.australianapprenticeships.gov.au](http://www.australianapprenticeships.gov.au).

# CIVIL CONSTRUCTION

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## Units of Competency

This traineeship requires 25 units of competency (15 core and 10 electives) from the below list to be completed:

### CORE

BCCCM1001C	Follow OH&S policies and procedures
BCCCM1002B	Conduct workplace communication
BCCCM1003B	Plan and organise work
BCCCM1004B	Carry out measurements and calculations
BCCCM1005B	Handle construction materials and safely dispose of non-toxic materials
BCCCM2001B	Use civil construction hand and power tools
BCCCM2002C	Use small plant and equipment
BCCCM2003B	Read and interpret plans and specifications
BCCCM2004B	Drain and dewater site
BCCCM2005B	Carry out manual excavation
BCCCM2006B	Support plant operations
BCCCM2007B	Spread and compact materials manually
BCCCM2008B	Carry out basic levelling
BCCCM2014B	Identify, locate and protect underground services
BCCRC2003B	Install sub-soil drainage

### ELECTIVES

#### Select 3 to 7 units

BCCCM2009B	Work in confined spaces
BCCCM2010B	Install trench support
BCCCM2011B	Erect and dismantle temporary fencing and gates
BCCCM2012B	Carry out concrete work
BCCCM2013C	Control traffic with a stop-slow bat
BCCCM3001B	Construct and dismantle fences and gates
BCCCM3003C	Implement traffic management plan
BCCCM3004B	Maintain site records
BCCCM3005B	Carry out site based risk control processes
BCCFW3002B	Install temporary and permanent rock anchors
BCCFW3003B	Install primary ground support
BCCRC2001B	Repair potholes
BCCRC2008B	Lay pipes
BCCRC3001B	Maintain drainage systems
BCGCM2007B	Use explosive power tools (EPT)
BCGCM2008B	Erect and dismantle restricted height scaffolding
BCGCM3001B	Operate elevated work platforms
BCGDO3001B	Perform dogging
BCGSF2003B	Cut and bend materials using Oxy/LPG equipment
MNQOP32A	Carry out shot firing

#### Select 2 to 5 TC units

BCCTC3001B	Install tunnelling construction services
BCCTC3002B	Line tunnel
BCCTC3003B	Excavate tunnel by machine
BCCTC3004B	Muck out tunnel earthworks
BCCTC3005B	Construct portals