

BCC30607
Certificate III in Civil Construction (Plant Operation)

Overview

Nara Training & Assessing offers this qualification under traineeship arrangements. However, individual units are available on request.

A traineeship combines practical work experience with structured training to provide a nationally recognised qualification. Trainees must be employed in the relevant industry sector to undertake a traineeship.

Nominal Term

24 Months

What does a trainee do as part of Certificate III in Civil Construction (Plant Operations)?

They are involved in:

- Learning to drive backhoes, bulldozers, excavators, front-end loaders, graders, scrapers, skid steer loaders, rollers and forklift trucks;
- Operating various attachments to level, excavate, move and load earth, rock and other material;
- Working in many areas from building sites to mining operations.

Key Outcomes

As a Civil Construction (Plant Operations) trainee you must generally be able to:

- Prepare machines for operation;
- Work from drawings and markers under the direction of supervisors and engineers;
- Lay pipes into trenches;
- Back-fill trenches;
- Load and unload equipment from low loaders and manoeuvre it around work sites;
- Select or change attachments to suit the job at hand;
- Operate special attachments such as winches, scrub clearers, rippers, pile drivers and rock-breaking hammers;
- Break up paving, rock and similar material by operating hydraulic or pneumatic breakers;
- Excavate or scrape earth, rock or rubble to the correct level and alignment;
- Load trucks with excavated fill;
- Drive machines to and from work sites;

- Service equipment by cleaning, lubricating and re-fuelling it and make minor adjustments and repairs when necessary;
- Maintain duty of care for other users and work to occupational health and safety requirements.

Course Outline

To obtain this qualification, the following must be achieved:

- All 14 core competency units and 7-8 elective competency units from the AQF 2 and 3 elective units,
And
- 1 competency unit from Group A plant and 2 competency units from Group B ,
or
2 competency units form Group A Plant

MODULE CODE	TITLE
Core	
BCCCM1001C	Follow OH&S policies & 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

MODULE CODE	TITLE
Electives	
BCCCM2009B	Work in confined spaces
BCCCM2010B	Install trench support

BCCCM2011B	Erect and dismantle temporary fencing and gates
BCCCM2012B	Carry out concrete work
BCCCM2013B	Control traffic with a stop-slow bat
BCCCM3005B	Carry out site based risk control processes
BCCPO3020B	Load and unload plant
BCCRC2001B	Repair potholes
BCCRC2008B	Lay pipes
BCGCM2007B	Use explosive power tools
BCGCM2008B	Erect and dismantle restricted height scaffolding
BCGCM3001B	Operate elevated work platforms
BCGSF2003B	Cut and bend materials using Oxy/LPG equipment

ELECTIVES – 1 competency unit from Group A Plant and 2 competency units from Group B Plant
or
2 competency units from Group A Plant

Group A

MODULE CODE	TITLE
BCCPO3001B	Conduct backhoe/loader operations
BCCPO3002B	Conduct dozer operations
BCCPO3003B	Conduct excavator operations
BCCPO3004B	Conduct wheeled front end loader operations
BCCPO3005B	Conduct tracked front end loader operations
BCCPO3006B	Conduct grader operations
BCCPO3007B	Conduct scraper operations
BCCPO3008B	Conduct skid steer loader operations
BCCPO3009B	Conduct pipelayer operations

Group B

MODULE CODE	TITLE
BCCPO3010B	Conduct integrated tool carrier operations
BCCPO3011B	Conduct tractor operations
BCCPO3012B	Conduct tip truck operations
BCCPO3013B	Conduct roller operations
BCCPO3014B	Conduct water cart operations
BCCPO3015B	Conduct continuous bucket trencher operations



BCCPO3016B	Conduct dump truck operations
BCCPO3017B	Conduct self propelled compactor operations
BCCPO3018B	Conduct paver operations
BCCPO3019B	Conduct stabiliser operations
BCCPO3021B	Conduct telescopic materials handler operations
BCGDO3001B	Perform dogging