

MNM30106
Certificate III in Metalliferous Mining Operations (Open Cut)

Overview

Nara Training & Assessing offers this qualification under traineeship arrangements. 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

12 Months

What Does a Metalliferous Mining Operations (Open Cut) Certificate III Trainee Do?

They are involved in:

- Applying local risk control processes;
- Planning and organising work;
- Identifying and assessing environmental and heritage concerns;
- Operating light vehicles;
- Conducting crane operations;
- Conducting dredging operations.

Prerequisite

Successful completion of Certificate II in Metalliferous Mining Operations (Open Cut).

Course Outline

6 units in total – a minimum of 4 units from the list below and a maximum of 2 units, relevant to the job function can be drawn from elsewhere in the Metalliferous Mining training package or other endorsed training packages.

General

MODULE CODE	TITLE
MNMG215A	Apply operational maintenance skills
MNMG216A	Service mine plant and equipment
MNMG318A	Recover equipment
MNMG319A	Operate mine services vehicle

MNMG320A	Conduct diamond drilling
MNMG325A	Apply risk management processes
MNMG326A	Conduct safety and health investigations
MNMG327A	Communicate information
MNMG330A	Respond to local emergencies and incidents
MNMG335A	Conduct slewing crane operations
MNMG339A	Carry out lifts using multiple cranes
MNMG342A	Conduct reclaim operations
MNMG343B	Control and monitor automated plant/machinery
MNMG344A	Assess ground conditions
MNMG345A	Maintain stockpiles
MNMG346A	Blend stockpile material
MNMG347A	Conduct integrated tool carrier operations
MNMG348A	Move and position materials to form stockpile
MNMG350A	Carry out plant isolation and tagging
MNMG351A	Monitor mine production activities
MNCG1065A	Operate multi combination vehicles on mine sites
PMAPER300C	Issue work permits
BSBCM312A	Support innovation and change

Shotfiring

MODULE CODE	TITLE
MNMG311A	Conduct secondary blasting
MNMG313A	Charge blast holes
MNMG321A	Charge production blast holes
MNMG322B	Initiate blasts by remote control
MNMG352A	Apply blasting activities
MNMG353A	Fire surface blasts
MNMG412A	Initiate blasts

Environmental management

MODULE CODE	TITLE
MNMMEN304A	Take environmental samples and measurements

Drilling and ground control

MODULE CODE	TITLE
MNMODB301A	Set-up and prepare for open cut drilling operations
MNMODB302A	Drill in open cut environment

Loading and hauling

MODULE CODE	TITLE
MNMOLH301A	Conduct excavator operations
MNMOLH302A	Conduct electric rope shovel operations
MNMOLH303A	Conduct hydraulic shovel operations
MNMOLH305A	Conduct front end loader operations
MNMOLH306A	Conduct haul truck operations
MNMOLH307A	Conduct dozer operations
MNMOLH308A	Conduct scraper operations

Dredging

MODULE CODE	TITLE
MNMODR301A	Dredge materials
MNMODR302A	Shut down dredge for operator maintenance

Ancillary mine support

MODULE CODE	TITLE
MNMOMS301A	Construct and maintain roads

MNMOMS306A	Conduct grader operations
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Stockpiling and preparation

MODULE CODE	TITLE
MNMOSP304A	Operate plant/machinery on live stockpiles

Rehabilitation

MODULE CODE	TITLE
RTD3034A	Implement revegetation works
RTD3205A	Construct conservation earthworks

General processing

MODULE CODE	TITLE
PMCSUP392A	Perform basic laboratory tests
PMLOHS301B	Work safely with instruments that emit ionising radiation
PMLORG300A	Follow established work plan
PMLTEST302A	Calibrate test equipment and assist with its maintenance