

MNM40105  
Certificate IV in Metalliferous Mining Operations (Open Cut)

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Overview

The Certificate IV in Metalliferous Mining Operations (open cut) reflects the role of employees, such as a supervisor/team leader, in an open cut Metalliferous mine. They perform tasks involving a broad range of varied activities, most of which are complex and non-routine. They are responsible for the quantity and quality of the output of others, contribute to the development of technical solutions to non-routine problems and apply mine management plans to the workplace.

Nominal Term

12 Months

Course Outline

Successful completion of a total of fifteen (15) units of competency made up of:

- 10 mandatory units, plus
- 5 elective units
  - All five units can be drawn from the elective units listed
  - or a minimum of 3 units can be drawn from the elective units listed, 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.

Mandatory units – total 10

MODULE CODE	TITLE
MNMC201A	Work safely
MNMC202A	Communicate in the workplace
MNMC203A	Contribute to quality work outcomes
BSBCMN215A	Participate in environmental work practices
MNMMSU401A	Apply, monitor, rectify and report statutory/legal compliance systems
MNMMSU405A	Apply and monitor systems for stable mining
MNMMSU409A	Apply and monitor mine emergency preparedness and response systems
MNMG325A	Apply risk management processes
MNMG326A	Conduct safety and health investigations

MNMG327A	Communicate information
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Elective units – total 5, with a minimum of 3 from those listed

MODULE CODE	TITLE
General	
HLTFA1A	Apply basic First Aid
HLTFA2A	Apply advanced First Aid
Shotfiring	
MNMG313A	Charge blast holes
MNMG321A	Charge production blast holes
MNMG322B	Initiate blasts by remote control
MNMG352A	Apply blasting activities
MNMG353A	Fire surface blasts
MNMG406A	Manage blasting activities
MNMG412A	Initiate blasts
MNMG414A	Monitor and control the effects of blasting on the environment
MNQOPS511A	Design surface blasts
Management supervision	
MNMMSU402A	Apply, monitor and report pit development systems
MNMMSU406A	Apply and monitor mine transport systems and production equipment
MNMMSU407A	Apply and monitor mine services and infrastructure systems
MNMMSU410A	Commission/recommission plant
MNMMSU411A	Supervise work in confined spaces
Supervision	
BSBCM402A	Develop work priorities
BSBCM404A	Develop teams and individuals
BSBCM411A	Monitor a safe workplace
BSBCM412A	Promote innovation and change
BSBFLM403B	Implement effective workplace relationships
BSBFLM405B	Implement operational plan
BSBFLM406B	Implement workplace information system
BSBFLM409B	Implement continuous improvement

BSBFLM412A	Promote team effectiveness
TAAASS301A	Contribute to assessment
TAAASS401A	Plan and organise assessment
TAAASS402A	Assess competence
TAAASS404A	Participate in assessment validation
TAADEL301A	Provide training through instruction and demonstration of work skills