

FACT SHEET

GUIDANCE FOR CERTIFICATE OF COMPETENCE APPLICANTS ON OPERATIONAL EXPERIENCE

The Extractive's Certificate of Competence (CoC) requirements state that an applicant must satisfy the New Zealand Mining Board of Examiners (the Board) that he or she has been **employed 'in the workings'** of the relevant type of mine, tunnel or quarry for a particular period of time (depending on the CoC). Some CoCs have additional requirements that stipulate the specific type of work experience required.

The Board wants applicants to know that in assessing applicants' log books it will be looking that applicants have undertaken the activities which are set out below.

'Workings' include activities related to the topics listed under the Operation and Safety Systems competency used in the Continuing Professional Development (CPD) requirements for CoC holders. These include topics such as:

Exploration/site investigation	Roads and vehicle operations	Emplacement stability
Slope stability	Fire and explosion prevention	Ponds and dams
Operational planning	Gas management	Stockpiling
Temporary work/preparatory works	Mechanical engineering	Waste dumps
Methods	Electrical engineering	Hyperbarics
Processing	Ventilation management	Mine surveying
Services	Outburst management	Winding engines
Plant and equipment	Inrush and inundation management	Segment management
Guarding	Flammable dust management	Safety management
Maintenance	Explosives	Risk management
Instrumentation and monitoring	Spontaneous combustion	Worker health management
Ground or strata management	Environmental management	Other operating and safety systems related to the workings of a mine, tunnel or quarry

Table 1: Operating and safety systems

When assessing whether an applicant has had satisfactory experience in the workings of a mine, tunnel or quarry for the required period, the Board will be looking for a breadth of experience over different activities within the topics shown above.

To ensure that applicants have sufficient breadth of experience over different activities, the Board expects to see the following in applicants' log books.

UNDERGROUND COAL

A range of activities listed in Table 1, of which a minimum of nine months needs to be in production operations in more than one of the following areas:

- > roadway development
- > extraction
- > installation of ground support
- > shaft sinking.

UNDERGROUND

This includes tunnels and all underground mines with the exception of coal.

A range of activities listed in Table 1, of which a minimum of nine months needs to be in production operations in more than one of the following areas:

- > development operations
- > stoping
- > installation of ground support systems
- > filling operations
- > shaft sinking.

QUARRY AND OPENCAST COAL

A range of activities listed in Table 1, of which a minimum of nine months needs to be in production operations in more than one of the following areas:

- > drill and blast
- > load and haul
- > processing and stockyard loadout.

ELECTRICAL SUPERINTENDENT

A minimum of one year's experience of working in or about extractives or heavy industry in:

- > the installation, commissioning, electrical maintenance and repair of mobile and/or fixed plant.

MECHANICAL SUPERINTENDENT

A minimum of one year's experience of working in or about extractives or heavy industry in the:

- > installation, commissioning, mechanical maintenance and repair of mobile and/or fixed plant.

VENTILATION OFFICER

No further detail to the requirements set out in the *New Zealand Gazette Notice* (ie employment in the workings of an underground mining operation for a period or periods totalling no less than two years).