

# GUIDELINE 4

## Guidelines for Chartered Professional (Mining)

### 11. Introduction

This document provides the criteria that will be used in assessing applicants for Chartered Professional accreditation in the general area of practice of Mining.

A mining engineer is a professional who investigates, plans, designs or directly controls the process of extracting naturally occurring minerals containing useful commodities from the earth's crust.

### 12. Criteria for Eligibility for Registration as a Chartered in the Mining Discipline

- Mining engineering must be the applicant's main technical discipline and only in exceptional circumstances would the applicant not have qualifications in mining engineering, which are, were or would be sufficient to allow admission to Corporate Membership of The AusIMM.
- The applicant will have accumulated five years of technical experience in any one (or five years in each, if in more than one) of such specialist areas of mining practice as those listed in Section 3 below; or
- The applicant's technical experience will have been generalist in nature, extending over at least five years and covering a representative selection of the main facets of mining practice.
- Applicants will be required to certify that on gaining CP accreditation, they will maintain a satisfactory level of relevant professional development (PD). Except in specific extraordinary circumstances, they will be required to certify also that they have maintained a satisfactory level of relevant PD during the three years prior to their application for CP.
- Broad general experience (totalling at least five years) covering the main facets of mine planning, production scheduling and associated ore reserve evaluation, mine budgeting and cost control, risk assessment, technical auditing, feasibility work, mining development and mining operations.

### 13. Areas of Practice

The following areas of practice are offered as examples of the type and consistency of experience that is generally required for registration as a Chartered Professional (Mining). The list is neither exhaustive nor comprehensive and applications will be considered for areas of practice outside those listed below.

#### *Coal mining open pit*

- Extensive experience in reserve estimation, planning, design, scheduling, budget preparation, risk management, operations coordination and management of open pit coal mines.

#### *Coal mining underground*

- Extensive experience in reserve estimation, planning, design, scheduling, budget preparation, risk management, operations coordination and management of underground coal mines.

#### *Coal project technical, technical auditing and technical due diligence*

- A well-rounded understanding of reserve estimation, planning, design, scheduling, budget preparation, risk management, supporting infrastructure requirements, construction and operations coordination and management of coal mines.

#### *Metalliferous mining open pit*

- Extensive experience in reserve assessment, planning, design, scheduling, budget preparation, risk management, operations coordination and management of metalliferous open pit mines.

#### *Metalliferous mining underground*

- Extensive experience in reserve assessment, planning, design, scheduling, budget preparation, risk management, operations coordination and management of underground metalliferous mines.

#### *Metalliferous project technical, technical auditing and technical due diligence*

- A well-rounded understanding of reserve assessment, planning, design, scheduling, budget preparation, risk management, supporting requirements, construction and operations coordination and management of metalliferous mines.

#### *Alluvial mining, dredging*

- A well-rounded understanding of reserve assessment, planning, design, scheduling, budget preparation, risk management, supporting infrastructure requirements, construction and operations coordination and management of alluvial mines.

#### *Quarrying*

- A well-rounded understanding of reserve assessment, planning, design, scheduling, budget preparation, risk management, supporting infrastructure requirements, construction and operations coordination and management of quarries.

#### *Mine services*

- A well-rounded understanding of mining construction and operations and the required supporting infrastructure including ventilation, backfill, de-watering and maintenance to service the operations.

#### *Geotechnical services*

- A well-rounded understanding of rock mechanics, slopes stability and water management during mining construction and operations. Experience in assessing ground conditions and associated risks.

### *Safety, health and risk*

Implementation of workplace health and safety systems that provide for:

- hazard identification
- risk assessment
- implementation of controls
- effective monitoring
- comprehensive review.

This should be undertaken with reference to appropriate codes and guidelines. Samples of these are provided in Appendix 1.

## **14. The Application and Assessment Process**

### **4.1 Required documents**

To apply for accreditation as a Chartered Professional (Mining), you must submit all of the following:

- a. the prescribed application form
- b. a detailed curriculum vitae (CV) providing clear evidence that you have worked competently in general area of practice and in the Index Category or Categories applied for, and showing that you meet the requirements described in this Guideline
- c. evidence that over the last three years you have fulfilled the PD requirements, as detailed in the PD Guideline
- d. the names of three Chartered Professional sponsors, or professionals of comparable standing in accordance with By-law 7.3, who are familiar with your qualifications and experience (at least one of whom should be a Chartered Professional [Mining]) and can substantiate your CV, only one of which may be from your current employer and you must:
  - e. sign a declaration that all the information you submit is a true and fair representation of your recent responsibilities
  - f. furnish any other information the Board may request from you
  - g. sign a declaration that all the information you submit is a true and fair representation of your qualifications and experience
  - h. sign a declaration of adherence to The AusIMM Code of Ethics
  - i. sign a declaration that you will adhere to the PD program
  - j. pay the required application fee, if applicable.

### **4.2 Assessment**

Your CV and PD records will be analysed for evidence that you meet the requirements for this accreditation. Each of your sponsors will be required to submit a confidential report to the Board of Chartered Professionals. You may be invited by the Board to attend an interview in support of your application.