

Introduction to Mining

Course Aim:

This course is for current employees and new entrants in the mining and minerals sector by giving them an overview of the main processes in the mining industry.

Course Objective:

After completion of the course, the delegate will have an understanding of:



- Explain the requirement of the relevant aspects of the Mine Health and Safety Act.
- Demonstrate understanding of emergency procedures.
- Demonstrate an awareness of strata control.
- Demonstrate an awareness of applicable ISO standards.

Course Content:

- Employer to ensure safety.
- Chief Executive Officer charged with certain Functions.
- The employer must appoint a manager.
- Employer to maintain a healthy and safe mine environment.
- Codes of practice.
- Employer to assess and respond to risk.
- Explain different types of emergencies that may be encountered in a workplace.
- Explain various responses to an alarm.
- Explain actions required to a safety officer in an assembly area.
- Explain the function of an emergency control centre.
- Explanation of restricted and confined areas, traveling ways and escape routes.
- Demonstrate an awareness of strata control.
- Demonstrate knowledge of rock mechanics terminology.
- Demonstrate knowledge and understanding of the physical mining environment.

- Demonstrate knowledge of geological discontinuities and associated hazards.
- Demonstrate an understanding of the role of pillars in mining.
- Demonstrate knowledge of the term “remnant” and remnant precautions.
- Demonstrate knowledge of the term “special areas” and controls required in such areas.
- Demonstrate an awareness of applicable ISO standards.
- Unpacking the Standard and the relevance to the Client.
- Standard requirements.

Target Audience:

Anyone who wants to pursue a career in mining.

Duration:

5 Days

Training Program

Days	Content
Day 1	<ul style="list-style-type: none"> ■ Welcoming ■ Explain the requirement of the relevant aspects of the Mine Health and Safety Act. ■ Employer to ensure safety ■ Chief Executive Officer charged with certain Functions ■ Employer must appoint manager
Day 2	<ul style="list-style-type: none"> ■ Welcoming ■ Demonstrate understanding of emergency procedures. ■ Employer to maintain a healthy and safe mine environment. ■ Codes of practice. ■ Employer to assess and respond to risk.

Day 3	<ul style="list-style-type: none"> ■ Welcoming ■ Demonstrate an awareness of strata control. ■ Explain different types of emergencies that may be encountered in a workplace. ■ Explain various responses to an alarm ■ Explain actions required to a safety officer in an assembly area
Day 4	<ul style="list-style-type: none"> ■ Welcoming ■ Explain the function of an emergency control centre. ■ Explanation of restricted and confined areas, traveling ways and escape routes. ■ Demonstrate an awareness of strata control
Day 5	<ul style="list-style-type: none"> ■ Welcoming Demonstrate an awareness of applicable ISO standards. ■ Demonstrate knowledge of rock mechanics terminology. ■ Demonstrate knowledge and understanding of the physical mining environment ■ Demonstrate knowledge of geological discontinuities and associated hazards ■ Demonstrate an understanding of the role of pillars in mining ■ Demonstrate knowledge of the term “remnant” and remnant precautions ■ Demonstrate knowledge of the term “special areas” and controls required in such areas. ■ Demonstrate an awareness of applicable ISO standards Unpacking the Standard and the relevance to Client Standard requirements

NB: PLEASE MAKE SURE YOU BRING THE FOLLOWING DOCUMENTATION FOR MQA REGISTRATION:

CERTIFIED COPY OF YOUR ID

Looking forward to joining you on this journey of learning!