



## PURPOSE

The purpose of this course is to provide mining engineers with the knowledge and tools to assist safe and efficient blast design in open cut mines.

## HOW WE DO IT

The course is run by engineers specifically for engineers with a focus on practical application to open cut mines. The modules are run as interactive presentations designed to promote discussion and analysis.

## WHAT YOU LEARN

At the end of the course, participants will have learned the basic principles behind safe and efficient blast design and implementation and how to apply these to open cut mines.

## DAY 1

- ▣ **Module 1** - Blasting to improve efficiency and cost
- ▣ **Module 2** - Material properties and principles
- ▣ **Module 3** - Explosive selection
- ▣ **Module 4** - The blasting process
- ▣ **Module 5** - Blast design principles

## DAY 2

- ▣ **Module 6** - Cast blasting
- ▣ **Module 7** - Standup blasting
- ▣ **Module 8** - Boxcut blasting
- ▣ **Module 9** - Wall control
- ▣ **Module 10** - Horizon control
- ▣ **Module 11** - Continuous Improvement
- ▣ **Module 12** - Vibration, flyrock and air-blast control

## LOCATIONS

- ▣ Brisbane
- ▣ Mackay
- ▣ Perth
- ▣ Onsite training available on request.
- ▣ Townsville
- ▣ Newcastle

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