



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** - Introduction to Drill & Blast
- ▣ **Module 2** - Bulk Explosives & Properties
- ▣ **Module 3** - Initiating Explosives Properties
- ▣ **Module 4** - Geology
- ▣ **Module 5** - Blast Geometry & Design
- ▣ **Module 6** - Explosives Selection
- ▣ **Module 7** - Drill Pattern Design

DAY 2

- ▣ **Module 8** - Timing
- ▣ **Module 9** - Drilling
- ▣ **Module 10** - Priming and Charging
- ▣ **Module 11** - Firing
- ▣ **Module 12** - Assessment & Records
- ▣ **Module 13** - Vibration, Flyrock, Fume and Air Blast Control

LOCATIONS

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

TRUSTED EXPERTISE. PROVEN OUTCOMES.