

Safe and Efficient Blasting in Quarries

Adelaide – 20th and 21st August 2018



Orica invites you, and representatives from your Company, to attend Orica's industry leading blasting course, 'Safe and Efficient Blasting in Quarries'.

Course Outcomes

Completion of the course will equip participants with the tools to:

- Compare explosives types;
- Correctly prime and charge blastholes;
- Select a suitable initiation system, including delay intervals and hook-up methods;
- Modify blast patterns in difficult or unusual areas;
- Control flyrock, vibration, and airblast;
- Identify potential safety hazards relating to explosives and know how to avoid them;
- Comply with explosives and mining regulations;
- Evaluate risk associated with blasting; and
- Analyse cost implications of changing blasting methods.

Course Objectives and Target Groups

The Safe and Efficient Blasting course is designed to further enhance the skills and knowledge of shotfirers, supervisory personnel, mining engineers, geologists and drill and blast supervisors. The objective of this course is to provide participants with a greater understanding of the requirements of drilling and blasting in Quarries, to assist them in carrying out their job responsibilities.

Presenters

The presenters for the Safe and Efficient Blasting course are drawn from Orica Australia's extensive network of Blasting Engineers and Technical Specialists. Many of whom are widely recognised as leaders in their fields, with years of collective experience in the explosives/blasting industry across most open cut blasting environments.

Course Program

Day 1: Monday 20th August 2018

Introduction and Terminology

Workshop 1 – Your Blasting Objectives

Blasting Hazards and Risk Management

Explosive Properties and Detonics

Explosive Rock Interaction

Explosive Range and Selection

Blast Design

Workshop 2 – Basic Blast Design

Priming and Charging Blast Holes

Day 2: Tuesday 21st August 2018

Workshop 3 – Whale Tale

Initiation Systems

Initiation System Application

Workshop 3 - Initiation System Application

Optimisation and Modelling

Workshop 4 – Design Choices in Quarry Blasting

Workshop 5 – Special Blasting Techniques

Other Blasting Techniques

Environmental Impacts of Blasting

Quiz

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Venue

TBA.

What to Bring

Essential:

- A calculator or smartphone;
- Pens or pencils; and
- A ruler.

Please feel free to prepare and bring site-based questions, data and examples.

Lunch

Lunch will be provided as part of the training course.

Course Dinner

TBA.

Registration

Registration can be completed by [clicking here](#) and completing the online registration form.

Please Note registration closes Friday the 27th July 2018

Course Fees

Safe and Efficient Blasting in Quarries (2 days)

1 – 2 people from the same organisation \$1971.00/pp

3 – 5 people from the same organisation \$1849.00/pp

6 or more from the same organisation \$1719.00/pp

The course fee covers lectures, lecture facilities, course manual, lunches and the course dinner on the evening of Day 1. Please note that **accommodation is not included in this fee**

Contact Information

If you have any queries, please contact Daniel Andrew on the details below:

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Email: Daniel.Andrew@orica.com

CANCELLATION POLICY

Orica does not charge upfront fees for training courses. Invoicing occurs only once a course program is completed. For all traineeship and fee for service courses or qualification programs delivered in a workplace environment, fees are non-refundable once paid.

We will charge a late notice withdrawal fee (of \$500) in instances where an external customer has booked and enrolled on a blasting course (i.e. Surface Shotfirer, Underground Shotfirer, Safe & Efficient Blasting Course) and provided less than seven (7) days' notice of withdrawal from the course. This fee is to cover the loss of the course place which would be difficult to fill at such a late stage, as well as costs associated with additional administrative work for the organisers, off-site facilities and meals, resource preparation etc.