

Safe and Efficient Blasting in Quarries

Auckland 7th - 9th September 2010

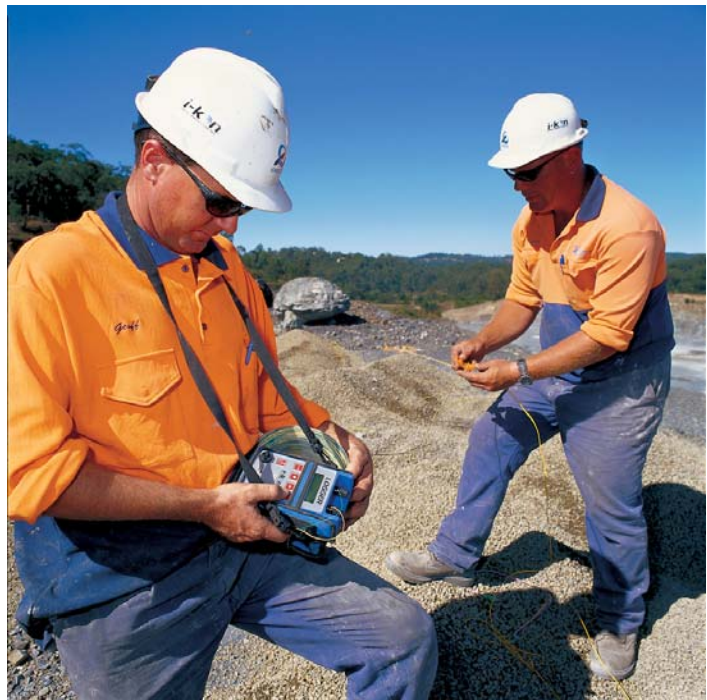


Objective

To give course participants a greater understanding of drilling and blasting technology so they can carry out their jobs with greater safety and efficiency. To achieve No Injuries to Anyone, Ever.

Includes

- Introduction & Terminology
- Workshop – Problem solving
- Explosives Properties
- Explosives / Rock Interaction
- Explosives Range & Selection
- High Speed Films / Blast videos
- Priming Options & Effectiveness
- Workshop – Rules of Thumb
- Charging Methods & Tricks
- Initiation Systems – General
- Initiation Applications
- Workshop – Initiation Exercises
- Workshop – computerised initiation SHOTPlus®
- Blast Design & Geometry Options
- Workshop – Calculating Drill + Blast Costs
- Optimisation Techniques & Tools
- Vibration / Airblast / Flyrock
- Workshop – Special Blasting Techniques
- Special Blasting Techniques Training
- Safety Awareness Exercise - Who Cares?
- Workshop – Safety Investigation
- Safety, Accidents, Destruction of Explosives



Who Will Benefit

The Orica Safe and Efficient Blasting Courses are designed to further enhance the skills and knowledge of owners, managers, regulators and contractors including: Shotfirers, Blasting Crew, Foreman, Supervisors, Engineers, Government/Regulatory Inspectors, or anyone seeking a blasting overview.

Course Outcomes

Completion of the course will equip participants to:

- Compare explosive types for cost effective blast patterns
- Correctly prime and charge blastholes for optimum performance
- Select a suitable initiation system, including delay intervals and hook up methods
- Modify blast patterns in difficult areas to maintain good results
- Control excessive flyrock, vibrations and airblast
- Identify potential safety hazards relating to explosives and how to avoid them
- Comply with explosives and mining regulations
- Evaluate risks associated with blasting
- Analyse the wider operational cost implications of changing blast methods.

For those participants registered with the NZQA, the course covers Unit Standard No. 8907 (20 credits), and no less than 6 months experience around blasting will be required.

Course Date

7th- 9th September 2010, Waipuna Conference Centre, Auckland

If interested in more details please contact: Tessa Finney Ph: DDI 09 292 1012 or Email: tessa.finney@orica.com

Registration forms are available via email and need to be submitted by Friday 6th August 2010.

