



MAXAM QUARRY BLASTING UNIVERSITY offers customized training opportunities. The courses are designed to be short self-contained modules for new and experienced operators and supervisors who have an interest in the mineral extraction industry, especially in the quarry industry. Classes are given in English and Spanish. Taking multiple modules enables participants to obtain official certifications, such as, a blaster's permit.

APPLICATIONS

✕ Training for drilling and blasting

BENEFITS

Who can benefit: New and experienced staff working in the quarry industry or as suppliers to the quarry industry; staff of regulatory bodies, law enforcement, police, armed forces, firemen. Other staff working in the mining industry, in all kinds of drilling and blasting, or as suppliers to the mineral extraction industry can also benefit from these courses.

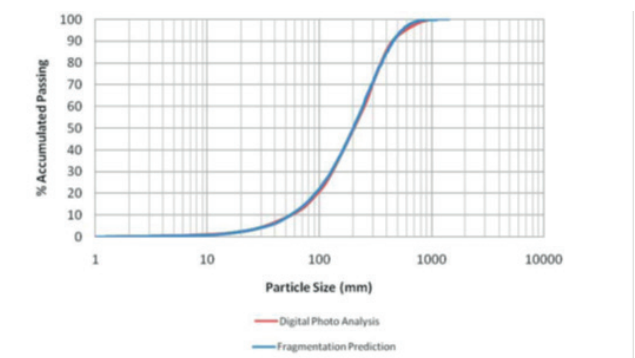
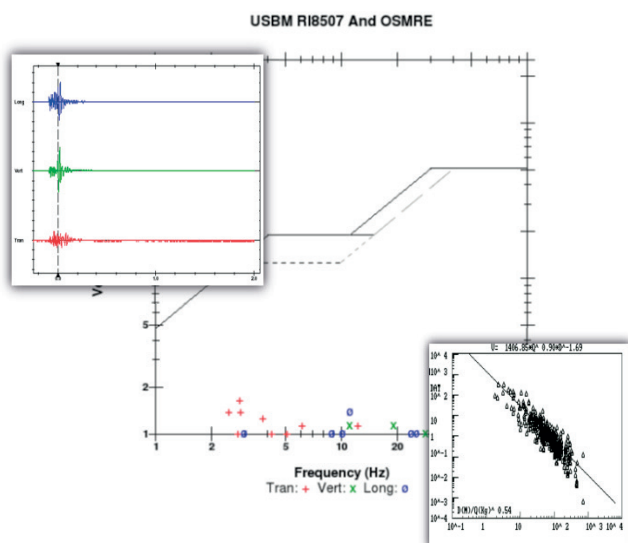
Recognition: Each participant successfully completing a module will be given a certificate of accomplishment. Those completing all modules will be recommended for the blaster's exam.

Flexibility: Each module (except practical sessions) is designed around one 2-4 hour long training session. Entire courses last 1 week.

EQUIPMENT

MAXAM's world class training is given by instructors with extensive field experience. Training sessions emphasize the theory and science behind modern drilling and blasting practices. The focus on safety and environment protection remain paramount.

Practical sessions Students work with certified blasters and engineers to plan, design and execute drilling and blasting operations.



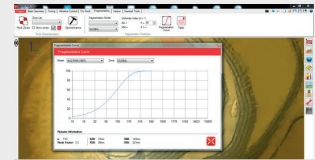
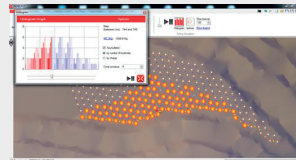
COURSE MODULES

- ✗ Safety and environment in quarry operations.
- ✗ Regulations.
- ✗ Quarry operations and economics.
- ✗ Explosives.
- ✗ Initiation systems.
- ✗ Basics of blasting.
- ✗ Drilling.
- ✗ Hauling.
- ✗ Crushing.
- ✗ Basic Blast design in open pit mining and quarries.
- ✗ Vibrations and airblast.
- ✗ Transportation and storage of dangerous goods.
- ✗ Underground blasting.
- ✗ Advanced and special blasting techniques and applications.
- ✗ Preparation and assistance for official certification exam and permits.
- ✗ Practical drilling and blasting*.
- ✗ Practical blast measurements*.

Call to explore how MAXAM Blasting Solutions can help you add value to the mine cycle by improving safety, reducing environmental impact, reducing costs and increasing transparency



Topography and Laser profiling free face maps blast site data entered into RIOBLAST.



Blast design & simulation with RIOBLAST generates drilling plan, blast plan and expected fragmentation, vibrations and safety zones.



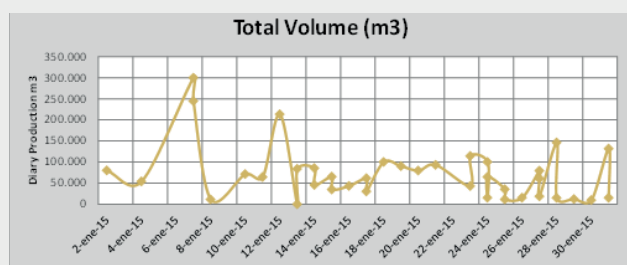
Boretrak checks blast holes and with RIOBLAST, helps optimize design for each blast

MAXAM's highly trained staff load, prime, stem and tie-up the blast using state-of-art equipment, advanced explosives and initiation systems



Blasts are recorded and fragmentation is measured for each blast. 100% fragmentation is guaranteed.

A comprehensive blast report for every blast & monthly tracking



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