

ROCK FRAGMENTATION & OVERBREAK MANAGEMENT

(MINING & CONSTRUCTION)

OVERVIEW

This 2-day course is designed to fulfill the demands of both mining and construction blasting personnel by developing a comprehensive, practical grasp of rock breaking concepts. This training is designed so that anybody who attends will be able to return to work not just with a better understanding of blasting, but also with new strategies to use at their site to increase blast performance and explosive efficiency. Participants will study and debate the foundations of rock blasting, such as correct product selection, design of critical blast variables, overbreak control measures, and vibration controls, throughout this course.

PROGRAM

- *Introduction to Rock Breakage Mechanisms*
- *Determination of Actual Explosive Energy*
- *Priming and boosting for Maximum Efficiency*
- *Initiators and Delay Devices*
- *Stemming Design and Subdrilling Design*
- *Drill & Blast Pattern Design*
- *Secondary Blast Design*
- *Air Deck Presplitting*
- *Presplitting and Precision Presplitting*
- *Trim Blasting and Flyrock Control*
- *Vibration Control and Air Overpressure Control*
- *Blasting Safety and Record Keeping*
- *Drill and Blast Cost Estimation*

Participants will begin with the fundamentals and progress to practical ways of rock blasting and programme optimisation for greater fragmentation, decreased vibration and air overpressure, and correct rock mass movement. Anyone who is interested in or works in rock blasting. This course provides a valuable background and can assist learners better grasp concepts such as rock blasting and overbreak management.

\$1,499

DELIVERY MODE

- **Onsite | Remote | Hybrid**
 - **Duration: 8 x 2hr [16 Hrs]**
 - **(±) Extra workshops**
- Course will automatically go online in case of a lockdown.*

NEXT DATES

- **Set - Oct 2021**
- **Feb - Mar 2022**
- **May - June 2022**
- **Sep - Oct 2022**

Other dates negotiable on case-by-case basis

CONTACT

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DISCOUNTS & PAYMENTS

- *We offer a 5% discount if you register for two or more courses or register more than one person for a single course, OR a 10% discount for returning trainees/attendees. We also offer a 20% discount (applied to each attendee) for attendee groups equal OR greater than 5 in number.*
- *Payments: via the MOMO or Secure payment gateway which accepts Visa and Mastercard only. All prices are stated in US Dollars; however, Ghana Cedi Equivalent is acceptable for in Ghana (ONLY). Payment from all other jurisdictions should be made in US Dollars. Training held in some locations may incur additional charges in relation to travel expenses and Tax.*

OUEST PROJECT MANAGEMENT SOLUTIONS

Mineral resource & exploration | Mining | Energy-Oil & Gas | Environmental & Geotechnical Services

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www.ouestpms.com/training