

## REGISTRATION

I wish to attend the "DRILLING COURSE" from 28 to 30 August 2006.

Name: .....

I/C No: .....

Date of Birth: .....

Citizenship: .....

IQM Membership No (if any): .....

Co's Name: .....

Address: .....

Position Held: .....

Telephone: ..... Fax: .....

Enclosed is Cheque / Bank Draft / Money Order

No..... for RM..... payable to

IQM Training Sdn Bhd.

PLEASE FORWARD PAYMENT TO:

IQM TRAINING SDN BHD

of INSTITUTE OF QUARRYING MALAYSIA BHD

No. 23, Jalan Utama 1/7,

Taman Perindustrian Puchong Utama (Puchong Perdana),

Seksyen 1, 47100 Puchong, Selangor DE, Malaysia.

Tel: 03-8062 4194/5 Fax: 03-8061 8258

Date: ..... Signature & Chop

(Please photocopy the Registration Form if required)

## GENERAL INFORMATION

### A. Registration Fee

Member : RM 450.00

Non-Member : RM 600.00

Government Servant : RM 450.00

**Group Discount:** A discount of five percent (5%) on the Registration Fee will be given to a group of 3 or more participants for the course.

This is inclusive of course materials, morning and afternoon tea, lunch and transport for site visit.

### B. Course Size

Participation is limited to not more than 30 persons and will be based on first-come first-served basis.

### C. Cancellation

A deduction of 50% of the Registration Fee will be made being handling charges for cancellation after confirmation by phone or facsimile. No refund shall be made for cancellation after the closing date of the course. A substitute is accepted.

### D. Examination

Participants will be required to sit for a 1 1/2 hour written examination upon completion of the course

Exam date : 30 August 2006

Time : 4.00pm - 5.30pm

### E. Closing Date

The closing date for registration is 18 August 2006.

For further information contact:

Mdm Devi

Tel: 03-8062 4194/5 Fax: 03-8061 8258

NOTE: Cheque enclosed with the Registration Form does not necessarily mean that you have been automatically accepted until official confirmation by the Institute of Quarrying Malaysia Bhd.



# DRILLING COURSE 2006



28 - 30 AUGUST 2006

Organised by:



to be held at:

INSTITUTE OF QUARRYING MALAYSIA BHD

23, Jalan Utama 1/7, Tmn Perindustrian Puchong Utama (Puchong Perdana), Section 1, 47100 Puchong, Selangor D.E.

APPROVED UNDER HRD SCHEME - PROLUS  
BEM Approved CPD Hours: 20 (for Professional Engineers)

## INTRODUCTION

Blast hole drilling is an important integrated process of rock excavation in the aggregate quarry, mining and civil work construction where rocks are encountered.

The end product of the blast, in term of quality and cost depends on the efficiency of the drilling operation and the quality of the blast holes.

## COURSE OBJECTIVES

To provide a working knowledge and appreciation of rock drilling. Participant is expected to be able to develop further their skill and knowledge with the resource provided or directed.

## TRAINING METHODOLOGY

The seminar will be conducted in English using slide, video, case study and group discussion. A day trip to a quarry operation nearby will be organized to provide the practical aspect of the course.

## WHO SHOULD ATTEND

- Quarry / site supervisor
- Quarry administrator
- Drilling machine operator
- Non technical staff involved in the drilling operation
- Anyone interested in the importance of drilling

## COURSE CONTENT

### Speaker 1

- Introduction to Drilling

### Speaker 2

- General geology and distribution of rock types in Malaysia
- Geology and stability of slopes
- Geology in relation to primary drilling
- Influence of geology in quarry operations

### Speaker 3 & 4

- Basic rock geology and application to rockdrilling
- The evolution of rockdrill
- The various types of rockdrill and their characteristic
- Simple site investigation and selection
- Various drill string characteristic and selection
- Drilling technique and good practise
- The role of the driller / operator in the quarry
- The importance of drilling record
- Modern tools / instrument available
- Achieving drills string and machine maintenance economy
- Machine operation and drill string safety
- Basic machine maintenance and trouble shooting
  - Basic hydraulic
  - Basic electrical / electronic
  - Maintenance program
- Other topic may be introduced where necessary

## SPEAKERS

### Speaker 1

Ir Hj Mustapha B Mohd Lip

- B.Sc (Hon) (Mining) - University New South Wales
- M.Sc (Environmental Eng) - Salford University, UK
- Timbalan Ketua Pengarah  
Jabatan Mineral & Geosains Malaysia (Operasi)

### Speaker 2

Askury Abd. Kadir

- B.Sc Hons Geology, UKM
- M.Sc Engineering Geology, Leeds University, UK
- Principle Assistant Director  
Jabatan Mineral & Geosains Malaysia

### Speaker 3

Sture Stenquist

- Mining Engineer - The Swedish School of Mines
- Product Manager  
Atlas Copco Secoroc, Sweden

### Speaker 4

Gooi Kai Leong

- Master in Business Administration (RMIT)
- Manager  
Construction and Mining Technique  
Atlas Copco Malaysia