

# REGISTRATION

I wish to attend the "DRILLING COURSE 2017"  
from 10 - 12 April 2017.

Name: .....

I/C No: .....

Date of Birth: .....

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

Co's Name: .....

Address: .....

.....

.....

Position Held: .....

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

Email: .....

Enclosed is Cheque / Bank Draft / Money Order

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

"Institute of Quarrying Malaysia Bhd".

A/C No: 014187 208342 Maybank

(kindly email bank transaction advise)

PLEASE FORWARD PAYMENT TO:

**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

Email: admin@iqm.com.my Website: www.iqm.com.my

Date: ..... Signature & Chop

(Please photocopy the Registration Form if required)

# GENERAL INFORMATION

## A. Registration Fee

Member : RM 900.00

Non-Member : RM 1200.00

Government Officers : RM 900.00

(HRDF CLAIMABLE)

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. Accommodation

You may arrange your accommodation with the following hotels:

1) Sri Puchong Hotel 03-80623373

2) Green Hotel 03-80686666

3) Four Points By Sheraton Puchong 03-58918888

## D. 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.

## E. Examination

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

Exam date : 12 April 2017

Time : 2.00pm - 4.00pm

## F. Closing Date

The closing date for registration is 31 March 2017.

For further information contact:

**Mdm Nirmala Devi**

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

**Email: nirmala@iqm.com.my Website: www.iqm.com.my**

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.

IQM Continuous Professional Development Programme

CPD HRS: 18



# DRILLING COURSE 2017



10 - 12 April 2017  
Exam Date: 12 April 2017

Organised By



INSTITUTE OF QUARRYING  
MALAYSIA

Supported By



DEPARTMENT OF MINERAL &  
GEOSCIENCE MALAYSIA

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.

INTERNATIONAL AFFILIATIONS:



The Institute of Quarrying  
United Kingdom



The Institute of Quarrying  
Australia



The Institute of Quarrying  
Southern Africa



The Institute of Quarrying  
New Zealand



The Institute of Quarrying  
Malaysia



The Institute of Quarrying  
Hong Kong

## INTRODUCTION

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Drilling plays the most important role in blasting works in quarrying industry. A successful blast depends very much on the drill holes. A good fragmentation reduce secondary breaking and double handling. At the same time it increases the haulage frequency.

For the best blasting result it is essential that all holes are drilled in accordance with the preset drilling pattern. To assure this, the hole must be collared at the right direction and drilled as straight as possible to the correct depth. There is no way to guarantee 100% perfection, but skilled and ambitious drilling operators, together with precision instruments will keep hole deviation to a minimum.

The Institute of Quarrying Malaysia (IQM) takes this opportunity to intruduce the 4 days Drilling course for operators who would like to gain first-hand knowledge of new drilling equipment in the industry and techniques. The course will provide a platform for speaker and participants to meet for in-depth discussion on the importance of technique of drilling and the selection of drilling accessories and equipment for accurate and straight blast hole drilling.

## COURSE OBJECTIVES

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

## COURSE CONTENT

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- Introduction to geology
- Surface Drilling Applications
- Drilling Method & Machanics of Rock Drilling
- Percussive Drilling Techniques
- Equipment Selection Criterias
- Top Hammer Tools
- Excavation Quality
- Cemented Carbide
- Rock Drilling Simulation
- Bearing and Lubricant Maintenance
- Case Study
- Discussion & Summary

## TRAINING METHODOLOGY

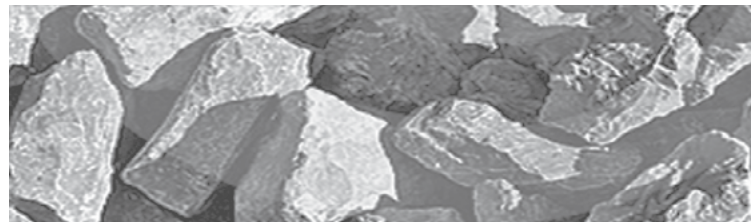
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The course will be conducted in English using slide, video, case study and group discussion. A day trip to a quarry operation site nearby will be organized to provide the practical aspect of the course.

## WHO SHOULD ATTEND

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



## SPEAKERS

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### Speaker 1

**Hj Mustapha Bin Mohd Lip, FIQ**

Deputy President

Institute of Quarrying Malaysia

### Academic Qualification

B.Sc (Hon) (Mining) - New South Wales, Australia

M.Sc (Environment Resources) - Salford University,

UK

### Speaker 2

**Thomas Kwan**

Assistant Manager,

Surface Drills - South East Asia

Sandvik Mining And Rock Technology

### Experience

B. Eng (Hons) Mining Engineer - Camborne

15 years in Construction & Quarrying

### Speaker 3

**Peter Cazenias**

Business Development Manager

Rock Tools - Asia Pacific Region

Sandvik Mining And Rock Technology

(More than 20 years experience in the mining & quarrying industry)

### Academic Qualification

B.Sc. in Mining Engineering -

University of the Phillipines

MBA - De La Salle University, Pillipines

Logistic Management & Operation Studies -

National University of Singapore