

# REGISTRATION

I wish to attend the "DRILLING COURSE 2019"  
from 2 - 4 April 2019.

Name: .....

I/C No: .....

Date of Birth: .....

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

Co's Name: .....

Address: .....

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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 950.00

Non-Member : RM 1250.00

Government Officers : RM 950.00

(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 2 hours written examination upon completion of the course

Exam date : 4 April 2019

Time : 2.00pm - 4.00pm

## F. Closing Date

The closing date for registration is 22 March 2019.

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



**2 - 4 April 2019**  
**Exam Date: 4 April 2019**

Organised By



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:



## 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 3 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 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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### *1. Hj Mustapha Bin Mohd Lip, FIQ*

Hj Mustapha graduated in Mining Engineering (first class honours) from University of New south wales, sydney, Australia in early 1979 and joined Department of Mines upon completion of studies. In 1994 he attended the shotfiring and blast design courses in United Kingdom. He furthered his studies in 1995 and obtained Msc (Environmental Resources) from salford University, Manchester, UK. He rose in ranks in Minerals and Geoscience Department to become the Deputy Director General and retired from the Department in 2015. He was a key person in the formulation and procedures for the certification of shotfirers. Highly knowledgeable in blasting, he has been lecturing in shotfiring courses organised by Institute of Quarrying since 1994.

### *2. Thomas Kwan*

Thomas Kwan graduated in Mining Engineering (B. Eng, Hons) from Camborne School of Mines.

He has 15 years of experience in Construction and Quarrying.

He is currently the Assistant Manager, Surface Drills (S.E.A) with Sandvik Mining and Rock Technology.

### *3. Peter Cazenias*

Peter Cazenias graduated in Mining Engineering (B. Sc.) from University of Philippines and furthered his studies in MBA from De La Salle University, Philippines.

He also attended and qualified on Logistic Management & Operation Studies from National University of Singapore.

He has 20 years of experience in the mining and quarrying industry and is currently the Business Development Manager, Rock Tools (Asia Pacific Region) with Sandvik Mining and Rock Technology.