

# REGISTRATION FORM

I wish to attend the “**Training Course for Shot-firer 1/2019**” from 18 - 23 March 2019.

Name: .....

I/C No: ..... *(Kindly enclose photocopy of your IC)*

Date of Birth: .....

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

Company 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

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

Date: .....

Signature & Chop

*(Please photocopy the Registration Form if required)*

# GENERAL INFORMATION

## A. Registration Fee

Member : RM 1800.00 \*\*  
Non-Member : RM 2100.00  
Government Officers : RM 1800.00

HRDF CLAIMABLE  
**\*\*1 Year Good Standing**

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 25 persons and will be based on first-come first-served basis.

## C. Registration and Payment

*Please note that participant's registration will be submitted to the Police Department for verification. We advise that all participants should register before the closing date as stated. Registration Forms received after the closing date will not be entertained.*

For further information, contact: Mdm Nirmala Devi  
Tel: 03-8062 4194/5 Fax: 03-8061 8258  
Website: www.iqm.com.my Email: nirmala@iqm.com.my

## D. 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

## E. 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.

## F. Closing Date

The closing date for registration is 15 February 2019.

*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



# TRAINING COURSE FOR SHOT-FIRER

## 1/2019

CPD HRS: 52  
HRDF CLAIMABLE

**Course Date: 18 - 23 March 2019**

**Exam Date: 28 March 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.



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

Under the State Quarry Rules and the Mineral Development Act 1994, any individual who is in charge of using explosives in quarrying and mining is required by The Minerals and Geoscience Department Malaysia to obtain shotfirer certificate. In order to obtain the certificate an individual must pass the theory examination as well as the practical examination which are conducted by the Department.

Institute of Quarrying Malaysia with the cooperation from Minerals And Geoscience Department Malaysia has been conducting the shotfirer courses since 1993. More than 1,000 quarrying and mining personnel including from overseas had benefited from the course. After more than 20 years of training, the course curriculum and lecture notes have been updated to meet the current requirements for safe blasting practices. Tips on how to achieve good blast and improve the fragmentation are also discussed in the lectures. Overall the lectures cover much more than the syllabus for the shotfirer theory examination. Comprehensive notes and tutorials are given to prepare candidates to sit for the shotfirer theory examination.

## WHO SHOULD ATTEND

This course is tailored to meet the needs of Managers, Engineers, supervisors and other employees who wish to gain first-hand knowledge of Shot-Firing and obtain a Shot-Firer Licence.

## TRAINING METHODOLOGY

Course methods include combination of :

- Lectures
- Group Discussions
- Presentations
- Training Videos
- Quarry Visit

# BENEFITS

1. Shotfiring or blasting is an essential part of quarrying and mining which requires special knowledge and skill to achieve lower production cost while maintaining safety and health as well as minimising environmental impacts.
2. Employers are eager to engage someone who has undergone training on safe handling of explosives and good knowledge on blasting.
3. Attending the course will enable an individual to have better understanding on explosives, initiation system, safe handling, shotfiring procedures, minimising environmental impacts, blast sequence and misfire.
4. Lectures will be given by experienced speakers who have vast experience in blasting and teaching.
5. Shotfiring is one of the 5 modules of the IQM Quarry Manager's Certificate (QMC).

## KEY SPEAKERS

### IR HJ LOOK KEMAN BIN SAHARI

Ir Hj Look Keman graduated in Mining Engineering from University of Strathclyde, Glasgow, Scotland in 1979 and started his career in Department of Mine. In 1990 he further his studies at Royal Military College of Science, Cranfield University, England and was awarded MSc (Explosives Ordnance Engineering). In 1995 he attended Open Pit and Underground Blasting Course at Queens University, Kingston, Canada.

In 1996 he retired from the Mines Department and became the Blasting Consultant for Golden Plus Granite Quarry until 2012. He was also Blasting Consultant for many construction blasting projects within Kuala Lumpur, Selangor, Putra Jaya and other states. He has been lecturing in shotfiring courses

# KEY SPEAKERS

conducted by Institute of Quarrying Malaysia since 1993. He is a Registered Professional Engineer, Member of International Society of Explosives Engineers USA, Fellow of the Institution of Engineers, Malaysia and Fellow of the Institute of Quarrying, Malaysia.

### HJ MUSTAPHA MOHD LIP

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.

### SALAMAT AHMAD

Salamat started his career in 1960 when he joined the Engineers Corps of the Malaysian Army where he worked for 22 years specialising in combat and demolition. He obtained Diploma in Construction Survey in 1968.

In 1982 he retired from the Army and joined Tenaga Kimia Sdn Bhd as an executive in the Technical Advisory Services. A very well-known figure and highly respected in the blasting circle, he has trouble shoot countless blasting problems both locally and overseas. In total he has 55 years of experience in explosives and blasting of which 22 years in the military and 32 years in commercial explosives.