



# SHOT-FIRER REFRESHER COURSE 2017

11 - 12 SEPTEMBER 2017

## REGISTRATION FORM

I wish to attend the "Shot-Firer Refresher Course 2017" from 11 - 12 September 2017.

Name: .....

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

Date of Birth: .....

Citizenship: .....

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  
Email: admin@iqm.com.my / nirmala@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 800.00 \*\*  
Non-Member : RM 900.00  
Government Officers : RM 800.00

\*\*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 hotel:

Imperial Hotel Kuching  
Jalan Datuk Tawi Sli, 93250 Kuching, Sarawak.  
Tel: 082 - 588 999

### 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 28 August 2017.

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.

Jointly Organised by:



& SARAWAK QUARRIES ASSOCIATION

Supported by:



POLIS DIRAJA MALAYSIA



DEPARTMENT OF MINERAL & GEOSCIENCE MALAYSIA

To be held at

IMPERIAL HOTEL KUCHING  
Jalan Datuk Tawi Sli, 93250 Kuching, Sarawak.

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

Since year 2000, 2 shot-firer certificates were issued by PDRM (Sijil Juruletup) and JMG (Sijil Pembedil). On 28 December 2016 both PDRM and JMG agreed to merge both the certificates now called Lesen Pembedil. All shot-firers with Sijil Juruletup and Sijil Pembedil were given till 31 March 2017 to apply for change of certificate. The deadline was later extended to 30 June 2017. The new Lesen Pembedil is valid for 1 year. From the date of issuing it is compulsory that all shot-firers undergo a refresher course before the next renewal.

After consultation with the industry and various parties, PDRM and JMG had finalised the syllabus of the Refresher Course which consist of a minimum of 8 hours of lectures and class size is limited to 25 participants. There will be no examination. The course will be held for 1 1/2 days and will provide comprehensive information on the subjects.

# COURSE CONTENTS

1. Explosives Act by PDRM
2. Mineral Development (Blasting ) Regulations and Quarry Rules by JMG
3. Storage and Transportation by PDRM
4. Responsibilities of a Shot-firer:
  - safety, planning, drilling
5. Shot-firing Procedures
  - preparation for blasting
  - initiation systems, charging, connections
  - warning system
  - firing
  - monitoring of vibration, airblast and flyrock
6. Environmental Impacts
  - flyrock, vibration and airblast

# BIODATA OF SPEAKERS

## 1. Representative from PDRM

## 2. Representative from JMG

## 3. Hj Mustapha Mohd Lip, FIQ

- Deputy President of IQM
- B.E. (Mining)(Hon) – Uni of New South Wales, Australia, 1979
- MSc (Environment Resources) – Salford University, UK
- 36 years in JMG, last post as Deputy Director General and retired in 2015
- 21 years of lecturing shot-firer courses.

## 4. Ir Hj Look Keman Sahari

- B.Sc ( Mining) from Strathclyde University (1979),Scotland
- M.Sc ( Explosives Ordnance Eng) from Royal Military College of Science, Cranfield University, England
- Fellow of The Institute of Engineers, Malaysia (FIEM)
- Fellow of The Institute of Quarrying (FIQ)
- Member of The International Society of Explosives Engineers (MISEE)
- Professional Engineer P.Eng (M) with Practicing Certificate
- Practicing as Mining/Quarrying and Explosives/ Blasting Consultant
- Licensed Shotfirer
- Involved in Lecturing in Shotfiring since 1992

# TRAINING METHODOLOGY

Combinations of lectures, presentations and discussions by experienced lecturers. Notes will be in English.

# WHO SHOULD ATTEND

All shot-firer holders of Sijil Juruletup issued by PDRM and Sijil Pembedil issued by JMG.