

REGISTRATION FORM

I wish to attend the “**Shot-firer Practical Exam Course 2019**” from 17 - 18 December 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 800.00 **
Non-Member : RM 900.00
Government Officers : RM 800.00

B. Registration Fee (Early Bird Rate before 6 Dec 2019)

Member : RM 600.00 **
Non-Member : RM 700.00
Government Officers : RM 600.00

*** 1 Year Good Standing*

This is inclusive of course materials, morning and afternoon tea and lunch.

C. Course Size

Participation is limited to not more than 25 persons and will be based on first-come first-served basis.

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 6 December 2019.

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

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.



CPD HRS: 12
HRDF CLAIMABLE



17 - 18 December 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.



IQM is organising one and half day course on The Shot-Firer Practical Exam. This course is aimed to give an insight and to prepare would be shot-firers to learn and what to expect during the actual shotfirer practical examamination.

The course will cover the entire process of the exam from the beginning to the end with preparations and tools required to be provided by the candidate for the exam. This course is open to those who wish to become a shot-firer and have passed the shotfirer theory exam. A half day demo blast will enlightened the candidates on the expected examination process.

At the end of the course, the participants are expected to know what the requirements are in order to succeed in the practical exam.

SPEAKER

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 shot-firing 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.

Topic 1 : Introduction to Shotfirer Certification (*laws, exams, fees, certificates, etc.*)

- qualification (certificates) to be a shotfirer and carries out blasting work
- requirement of laws in blasting work
- eligibility/requirement of candidates to apply for shotfirer exam (theory & practical)
- procedures from the beginning until the end to obtain a shotfirer certificate.

Topic 2 - Practical examination (*application, procedures, preparations, etc.*)

- when, where and how to apply
- application procedure and form
- how to fill in the form, particulars required
- maximum number of candidates per examination
- suitability of date and site
- blast design requirement
- initiation system tested/allowed during exam
- evaluation form and subjects evaluated
- preparations – holes, explosives, accessories, tools, etc.
- permission/permits required to be obtained (not own quarry)



Topic 3 – Revision

- explosive box and detonator box and tools available
- shotfirer responsibilities and procedures
- preparation of ANFO
- transportation of explosives
- preparation of primers
- blastholes checking
- handling and charging
- warning system
- post firing
- evaluation/observation of vibration, airblast and flyrock
- misfire test or procedure to handle misfire
- record taking
- calculation on amount of explosives and powder factor

Topic 4 – Candidate Profile

- personnel detail
- quarry information
- blast design
- initiations systems
- explosives calculation and powder factor
- warning signs

Topic 5

- rehearsal on practical exam through demo blast