

# REGISTRATION FORM

I wish to attend the "Training Course for Shot-firer 1/2024" from 19 - 24 February 2024.

Name: .....

I/C No: .....

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"

**Online transaction can be made to:**

**A/C No: 014187 208342 Maybank**

*(kindly email bank transaction advise)*

For further information contact:

**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 2100.00

Non-Member : RM 2350.00

Government Officers : RM 2100.00

## Group discount

A discount of five percent (5%) on the registration fee will be given to a group of 2 or more participants for the course.

## HRD CORP CLAIMABLE COURSE

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. 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.*

## 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

4) Hilton Garden Inn Puchong 03-80841299

## 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 January 2024.

*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

## HRD CORP CLAIMABLE COURSE



# TRAINING COURSE FOR SHOT-FIRER

# 1/2024

## CPD HRS: 32

## Course Date: 19 - 24 February 2024

Registration open for Malaysian Citizens only

Organised by:

Supported by:



DEPARTMENT OF MINERALS & 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.



# 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.

## 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. This course is a module of the Quarry Manager's Certificate (QMC).

# KEY SPEAKERS

## ENGR. MOHAMAD RAZIF KEMAT

Engr. Mohamad Razif Kemat graduated in Mining Engineering with 2 years working experience with Hap Seng Quarry as quarry engineer, 16 years with Austin Powder Malaysia and Certified Trainer from HRD Corp Malaysia. Promoted as Technical Services Manager in 2013 and currently as Product Specialist Manager started in 2019.

Attended Electronic Detonator training in Kentucky, Atlanta, and Texas US under DYNNO NOBEL US with expertise in signature hole analysis in 2012, and together with AUSTIN POWDER in Czech Republic and United States for ESTAR detonator in 2018. Certified of ESTAR electronic detonator trainer and user for Austin Powder global with covering Asian region. Members of EFEE (European Federation Explosive Engineers) in 2010, Lisbon Portugal, ISEE (International Society Explosive Engineers), US, IQM Malaysia and registered in Board Engineer Malaysia (BEM) and Institution Engineer Malaysia (IEM). Currently as a project leader for Electronic Detonator case study for fragmentation analysis in PKM Mine sites, Laos and as Operation Manager for Drill and Blast Project for East Rock Quarry in Maran Pahang.

## 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
- Training Videos
- Group Discussion
- Quarry Visit

# KEY SPEAKERS

## 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.

## IR. JUNA AZLEEN BIN ABDUL GHANI

Ir. Juna Azleen bin Abdul Ghani graduated from Universiti Sains Malaysia, Pulau Pinang in Mineral Resources Engineering. In the year 2000, he joined JMG and started his service at JMG Head Quarter in Kuala Lumpur. Then in 2010 he pursued his study in Master of Science in Mineral Resources Engineering at Universiti Sains Malaysia, Pulau Pinang. His study is about determination of site factors for scaled distance technique for blasting activity in quarry. Currently he works as Deputy Director of Quarry and Mines at JMG Johor.

Ir. Juna Azleen is interested in blasting especially in production blasting at quarry as well as controlled blasting at construction area. He is always invited to present papers on blasting at seminars and symposiums, and also given lectures at courses related to blasting and blast monitoring conducted by the Institute of Quarrying Malaysia, Malaysia Quarrying Association and Institution of higher learning. Apart from that, he is a Professional Engineer registered with Board of Engineer Malaysia, a corporate member of the Institution of Engineers, Malaysia and a committee member of Certification Panel for Shotfirer Certificate.