

REGISTRATION FORM

I wish to attend the “**Preparation for Shot-firer Practical Exam Course**” from 24 - 25 November 2026.

Name:

I/C No:

Date of Birth:

IQM Membership No (if any):

Company Name:

Address:

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Position Held:

Telephone: Fax:

Email:

Enclosed is 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)

Participants are required to submit a copy of their NRIC and the shotfirer theory examination pass notification. Only candidates who have successfully passed the shotfirer theory examination are eligible to attend this course.

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 / 8062 4195

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

Course Fee : RM 1200.00

HRD CORP CLAIMABLE COURSE

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

B. Course Size

Participation is limited to 15 participants and will be based on first-come first-served basis.

C. Registration

All participants are required to undergo PDRM security vetting prior to course confirmation. Participants' registration details will be submitted to PDRM for security verification after the registration closing date. Confirmation of participation will only be issued upon receipt of the required PDRM approval. Applicants who are not approved by PDRM will be notified and the course fee will be fully refunded.

Participants are required to bring along Safety helmet and Safety shoes for practical training at the quarry site on Day 2.

IQM reserves the right to reschedule the course in the event of unforeseen or unavoidable circumstances.

D. Accommodation

You may arrange your accommodation with the following hotels:

- | | |
|-------------------------------------|-------------|
| 1) Summit Hotel Bukit Mertajam | 04-5386666 |
| 2) OYO 510 Sri Indah Bukit Mertajam | 010-4011393 |
| 3) Ernes Hotel, Bukit Mertajam | 04-5300008 |

E. Cancellation

A deduction of 50% of the Registration Fee will be made being handling charges for cancellation after confirmation by email. No refund shall be made for cancellation after the closing date of the course. However, a substitute from the same company is accepted, before the closing date.

F. Closing Date

The closing date for registration is 30 September 2026.

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



**PREPARATION FOR
SHOT-FIRER
PRACTICAL EXAM COURSE**

CPD HRS: 12

Course Date: 24 - 25 November 2026

Registration open for Malaysian Citizens only

Organised by:

Supported by:



DEPARTMENT OF MINERALS &
GEOSCIENCE MALAYSIA

To be held at:

FYS QUARRY

Berapit, Bukit Mertajam, Penang.



www.iqm.com.my



INTRODUCTION

Under the Explosives Regulations, all blasting activities involving explosives must be carried out by a licensed Shotfirer. To obtain a Shotfirer Licence, candidates are required to:

- Attend an approved Shotfirer Course.
- Pass the Shotfirer Theory Examination conducted by the Department of Minerals and Geoscience Malaysia (JMG).
- Pass the Shotfirer Practical Examination conducted jointly by JMG and the Royal Malaysia Police (PDRM).
- Complete the Practical Examination within three (3) years from the date of passing the Theory Examination.

The Shotfirer Practical Examination follows a structured assessment process established by JMG and PDRM. Due to time constraints and the differing career objectives of course participants, the practical examination procedures are not covered in detail during the standard Shotfirer Course.

This specialised Preparation for Shotfirer Practical Examination Course has therefore been developed to provide candidates with a comprehensive understanding of the examination process, practical requirements and field procedures, enabling them to prepare confidently for the official Practical Examination.

As part of the Royal Malaysia Police (PDRM) security requirements, all applicants are required to obtain PDRM approval before attending this course. Registration is subject to successful security vetting, and only applicants who receive PDRM clearance will be confirmed for participation.

WHO SHOULD ATTEND

This course is designed to prepare candidates who are required to sit for the Shotfirer Practical Examination for the purpose of obtaining a Shotfirer Licence.

The course is open to candidates who have:

- Successfully passed the Shotfirer Theory Examination;
- Obtained the required PDRM security approval; and
- Intend to undertake the Shotfirer Practical Examination conducted by the Department of Minerals and Geoscience Malaysia (JMG).

THE COURSE

This is a 2-day preparatory course designed to equip candidates with the necessary knowledge and practical skills before undertaking the Shotfirer Practical Examination.

Day 1: Classroom Lecture

The first day will focus on theoretical preparation and revision of key areas related to the Shotfirer Practical Examination, including:

- Overview of the Shotfirer Practical Examination process;
- Preparation and requirements for the practical examination;
- Preparation of the blasting folio;
- Powder factor calculations;
- Electric initiation system calculations;
- Familiarisation with shotfirer tools;
- Shotfiring procedures; and
- Revision on explosives storage and transportation, explosives and initiation systems, blast sequence, and misfire procedures.

Day 2: Practical Training at Quarry Site

The second day will consist of hands-on practical training at the quarry site, covering:

- Familiarisation with shotfiring tools and ANFO mixing;
- Practical rehearsal on blasthole checking, priming, charging, stemming, connections, and warning systems;
- Preparation of bagged ANFO for wet hole applications.

The afternoon session will focus on blast sequence planning, examination procedures, and other important matters related to the Shotfirer Practical Examination.

TRAINER

TN HJ MUSTAPHA MOHD LIP

TN HJ MUSTAPHA BIN MOHD LIP is a highly experienced lecturer and recognised trainer for the Shotfirer Course.

He is a Mining Engineer from the University of New South Wales (UNSW), Australia, and holds a Master of Science (MSc) in Environmental Resources from the University of Salford, United Kingdom.

He previously served with the Department of Minerals and Geoscience Malaysia (JMG) and retired in 2015. With extensive experience in the mining and quarrying industry, he has been actively involved in conducting Shotfirer Courses since 1994, sharing his technical knowledge and practical expertise with industry professionals and aspiring shotfirers. His vast experience and in-depth understanding of shotfiring practices and examination requirements will provide participants with valuable guidance and preparation for the Shotfirer Practical Examination.

COURSE VENUE

The course will be conducted at FYS Granite Quarry, Berapit, Bukit Mertajam, Seberang Perai, Penang. FYS Quarry is an innovative and award-winning granite quarry located in Berapit, Bukit Mertajam. The quarry has received numerous accolades for its excellence in quarry operations and is currently promoting Quarry Tourism while continuing its active quarrying activities.

Participants will have the opportunity to experience a working quarry environment, gain practical exposure, and enhance their readiness before undertaking the actual Shotfirer Practical Examination.

Don't miss this opportunity to learn, observe, and prepare yourself at one of Malaysia's notable quarries.