

REGISTRATION FORM

I wish to attend the “**Underground Blasting Course 2025**” from 24 - 27 November 2025.

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)

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 2000.00

Non-Member : RM 2250.00

Government Officers : RM 2000.00

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 email. 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 3 October 2025.

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



Course Date: 24 - 27 November 2025

Registration open for Malaysian Citizens only

Organised by:

Supported by:



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 Explosives Act, State Quarry Rules, and Mineral Development Act 1994, any individual responsible for the use of explosives in quarries, mining operations, or construction sites is required by the Minerals and Geoscience Department Malaysia (JMG) and the Royal Malaysian Police (PDRM) to obtain a Shotfirer Licence.

To qualify for the licence, individuals must attend a five-day shotfiring course and successfully pass both the theory examination and practical examination conducted by JMG and PDRM.

There are two categories of blasting covered under the Shotfirer Licence: surface blasting and underground blasting. Those who pass the practical examination for surface blasting are issued a Shotfirer Licence.

Recently, JMG and PDRM have introduced a formal curriculum for underground blasting. In response, JMG has appointed the Institute of Quarrying Malaysia (IQM) to conduct a four-day course using qualified lecturers in accordance with the prescribed syllabus. A written examination administered by JMG will be held at the end of the course. Underground blasting involves the controlled use of explosives to break rock in confined spaces. It demands higher precision and stricter safety protocols compared to surface blasting. This method is essential for various applications, including ore extraction in underground mines, the construction of tunnels for roads, railways, and hydroelectric projects, as well as the creation of underground chambers for utilities, storage, and other infrastructural purposes.

TOPICS COVERED IN THE COURSE

1. Legislation for underground blasting
2. Structural mapping for underground openings
3. Underground drilling
4. Explosives and initiation systems for underground blasting
5. Tunnel and underground blast design and delay pattern
6. Shaft sinkin
7. Tunnel utilities
8. Environmental impacts (vibration, airblast and fumes) and mitigations
9. Underground coal mining
10. Underground shotfiring procedures.

WHO SHOULD ATTEND

As this is the first official course on underground blasting conducted under the new curriculum approved by JMG and PDRM, participant selection will follow a priority-based system:

1. *First Priority*

Shotfirer Licence holders who are currently involved in underground blasting operations—whether in mines, tunnels, or other underground projects.

2. *Second Priority*

Individuals with prior experience in underground blasting who wish to upgrade their existing Shotfirer Licence to include the underground blasting category.

3. *Third Priority*

Shotfirer Licence holders with no previous underground blasting experience but who intend to add the underground blasting category to their licence.

Participants under the third priority category will be placed on a waiting list, and enrolment will depend on the availability of slots after accommodating those in the first and second priority groups.

DOCUMENT SUBMISSION REQUIREMENTS

All applicants are required to submit the following documents at the time of registration:

i. **Letter of Recommendation**

A formal letter from the project proponent, main contractor, or employer, requesting the Shotfirer Licence holder to attend the underground blasting course. The letter must confirm that the applicant is currently involved or will soon be involved in underground blasting activities for a specific project (project name and location should be mentioned).

ii. **Curriculum Vitae (CV) and Experience Record**

A detailed CV outlining the applicant's background, with a brief record of blasting-related activities, including sites where blasting was conducted and experience in underground blasting, if any (include project name, site/mine, and period of work)

iii. **Identification and Licence Copies**

A clear copy of the applicant's NRIC and copy of the Shotfirer Licence

KEY SPEAKERS

IR. JUNA AZLEEN BIN ABDUL GHANI *Deputy Director (Quarry and Mines), JMG Sarawak*

Ir. Juna Azleen holds a Bachelor of Science degree in Mineral Resources Engineering from Universiti Sains Malaysia (USM), Pulau Pinang. He began his career with the Department of Minerals and Geoscience Malaysia (JMG) in 2000 and has served in various JMG offices across the country. In 2010, he returned to USM to pursue a Master's degree in Mineral Resources Engineering, focusing his research on the application of the scaled distance technique in quarry blasting.

Currently serving as the Deputy Director (Quarry and Mines) at JMG Sarawak, Ir. Juna is an active contributor to the mining and quarrying industry. He is a Professional Engineer registered with the Board of Engineers Malaysia (BEM), a corporate member of the Institution of Engineers Malaysia (IEM), and a Council Member of the Oil, Gas and Mining Technical Division. He is also a certified HRD Corp Accredited Trainer and has been a regular lecturer for various courses organized by the Institute of Quarrying Malaysia (IQM).

HJ MUSTAPHA MOHD LIP *Former Deputy Director General, JMG*

Tuan Haji Mustapha graduated with First Class Honours in Mining Engineering from the University of New South Wales, Sydney, Australia, in 1979. He joined the Department of Mines (now JMG) immediately after graduation. In 1994, he attended a specialised three-week course in shotfiring and blast design in the United Kingdom. He further pursued his education in 1995 and earned a Master of Science in Environmental Resources from Salford University, Manchester, UK.

He rose through the ranks to become the Deputy Director General of the Minerals and Geoscience Department before retiring in 2015. Tuan Haji Mustapha played a pivotal role in formulating the certification procedures for shotfirers in Malaysia and has been actively involved in shotfiring training since 1994. With deep expertise in blasting, he continues to contribute as a lecturer in numerous shotfiring and blasting courses organized by the Institute of Quarrying Malaysia.