

# REGISTRATION FORM

# GENERAL INFORMATION

## IQM CONTINUOUS PROFESSIONAL DEVELOPMENT PROGRAMME HRD CORP CLAIMABLE COURSE

I wish to attend the “**Structural Geology & Streographic Projection in Understanding Rock Slope Stability**” from 22 - 24 September 2026.

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, 8062 4195

Website: www.iqm.com.my Email: admin@iqm.com.my



Date: .....

Signature & Chop

*(Please photocopy the Registration Form if required)*

### A. Registration Fee

Member : RM 1350  
Non-Member : RM 1600  
Government Officers : RM 1350

**Early Bird**  
*(before 11 Sept 2026)*

RM 1150  
RM 1400  
RM 1150

### 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. Accommodation

You may arrange your accommodation with the following hotels in Bukit Mertajam:

- |                            |             |
|----------------------------|-------------|
| 1) OYO 510 Sri Indar Hotel | 010-4011393 |
| 2) Wesley Hotel            | 04-2998888  |
| 3) Iconic Hotel Penang     | 04-5059988  |

### D. 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.

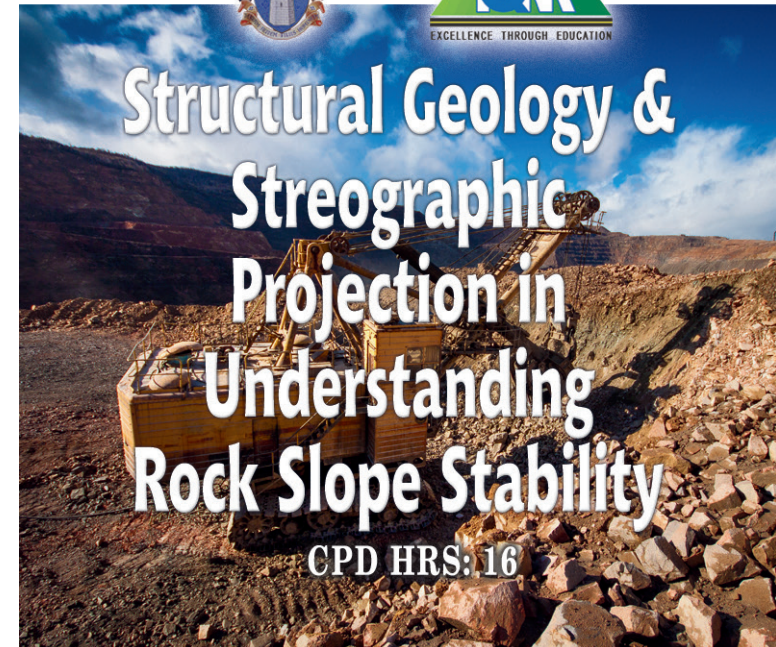
### E. Closing Date

The closing date for registration is 11 September 2026.

For further information, contact: the IQM Secretariat  
Tel: 03-8062 4194, 8062 4195

Website: www.iqm.com.my Email: admin@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: 16**

**Course Date: 22 - 24 September 2026**

Organised by:



Talent Development Centre

Supported by:



DEPARTMENT OF MINERALS & GEOSCIENCE MALAYSIA

To be held at:

**FYS MARKETING SDN BHD**  
2519, MK 17, Jalan Berapit,  
14000 Bukit Mertajam, Penang.



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

In the quarrying and mining operation the basic knowledge of structural geology is important. It is a branch of geology that deals with form, arrangement and internal structure of rocks, especially with the description, representation and analysis of structures chiefly on a moderate to small scale.

The knowledge is useful in understanding the behaviour of rock structures in the rock slope as exposed during quarrying for rock products and mining for minerals.

The course will cover the general geological structures that occur in various types of rocks. There are some kind of general information from the standard topographical maps produced by the Mineral and Geoscience Department. However, the structural information in the map is minimal, since there were constraints in preparing them due to thick forest and vegetation. The quarries or the mines operators, while operating will see more details and with the basic knowledge of structural geology may add more structural information on their own maps.



# WHO SHOULD ATTEND

The main purpose of the course is to give some knowledge on structural geology in its application to quarries and mines. So anybody in the quarrying or mining industry who is interested in knowing or understanding more about their own quarries/mines is recommended to attend this course. The knowledge may at least add more vision and understanding and be able to avoid unwanted mishap while operating by taking appropriate action in maintenance of the slope or even to take advantage of the situation in planning its activities.

Its importance is demonstrated in most geomechanics textbooks, when it comes to understanding the rock structures in quarries and mines.

## TRAINING METHODOLOGY

This is 2 1/2 days course, consists of 1 1/2 days of theory and class exercises, 1/2 day practical at the quarry face and 1/2 day discussion on case studies and interpretation of results. All participants will do field mapping of dip and strike at the rock structures.

It shall begin with a power point lecture on structural geology and stereography in assessing slope stability for common slope failure.

Followed by class exercises of construction of great circles and poles of rock structures. This is the critical part, where understanding of the usage of stereonet is very important. After the stereographic class exercise, the participants would at least be confident enough to use the actual data from the Quarry and make some interpretation out of it.

# 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 and many other courses organised by the Institute of Quarrying since 1994.

