REGISTRATION FORM

I wish to attend the "**Blast Monitoring Course 2/2024**" from 20 - 21 May 2024.

Name: .....

I/C No: .....

Date of Birth: .....

IQM Membership No (if any): .....

Company Name: .....

Address: .....

.....

.....

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 the IQM Secretariat:

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

		Early Bird (before 10/05/2024)
Member	: RM 850	RM 700
Non-Member	: RM 1050	RM 900
Government Officers	: RM 850	RM 700

HRD CORP CLAIMABLE COURSE

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

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:

1) Iconic Hotel Penang	*04-5059988*
2) Sky Resident Prai	*04-5662388*
3) Sunway Hotel Seberang Prai	*04-3707788*
4) Light Hotel	*04-3821111*
5) Ixora Hotel Penang	*04-3828888*

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 10 May 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

EXCELLENCE THROUGH EDUCATION

CPD HRS: 10

BLAST MONITORING COURSE 2/2024

Course Date: 20 - 21 May 2024

Registration open for Malaysian Citizens only

Organised by:

Academy OF QUARRYING

Supported by:

DEPARTMENT OF MINERALS & GEOSCIENCE MALAYSIA

to be held at
FYS MAREKTING SDN BHD
2519, MK 17, Jalan Berapit,
14000 Bukit Mertajam, Penang.

INTERNATIONAL AFFILIATIONS:

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

Blasting is widely used in quarry and mines. When explosive charge detonate in rocks, most of the energy is used in breaking and displacing the rock mass. However, some energy is released in form of ground vibration and air blast. Blasting operation may cause excessive environmental impact such as ground vibration, air blast, dust and flyrock because blasting operation often focus on controlling fragmentation which neglects the environmental consequences.

With the trend towards larger blast, increased public population and development of new urban areas near quarry and mines, complaints on ground vibration and air blast complaints from public have increased. Therefore, proper method to monitor ground vibration and air blast from blasting is important in order to measure the magnitude of ground vibration and air blast.

At present there is no standard procedure for setting up blast monitoring equipment. Without proper monitoring method, readings recorded by ground vibration and air blast equipment from blasting will give false results which will lead to wrong interpretation and analysis. If the monitoring results is challenged in Court most likely it is thrown out since there is no standard procedure being followed. In the course, participants will be taught about standard procedure for setting up blast monitoring equipment based on ISEE Field Practice Guidelines For Blasting Seismographs 2020. ISEE is International Society of Explosives Engineers based in USA.

BENEFITS

The course will cover the following topics:

i. Basic theory of ground vibration and air blast
ii. Description of ground vibration and air blast equipment
iii. Installation of ground vibration and air blast equipment based on ISEE Field Practice Guidelines 2020
iv. Analysis of monitoring results
v. Ground vibration and air blast regulatory limits and structural damage limit

WHO SHOULD ATTEND

The main purpose of the course is to enhance the knowledge of managers of mines/quarries, engineers and shotfirers and personnel that deal with or carried out vibration and airblast monitoring. It is very important for those who carried out blast monitoring to know the proper field set-up of seismographs according to ISEE Practice Guidelines and Department of Minerals and Geoscience (JMG) requirement.

TRAINING METHODOLOGY

Course methods include combination of :

- Lectures
- Group Discussion
- Training Videos
- Seismograph Setup Demonstration

KEY SPEAKERS

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 and was posted to a few places. 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 Sarawak.

He is very active in blasting activities for mining and quarrying especially in production blasting at quarry as well as controlled blasting at construction area. Apart from that, he is a Professional Engineer registered with Board of Engineers Malaysia, a Corporate Member of the Institution of Engineers Malaysia and a Council Member of Oil, Gas and Mining Technical Division. He is also a HRD Corp TTT Certified Trainer.