

REGISTRATION FORM

I wish to attend the “**Quarry Economics 2022**” from 8 - 9 November 2022.

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 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)

Payment by cheque can be mailed to:

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

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

Date:

Signature & Chop

(Please photocopy the Registration Form if required)

GENERAL INFORMATION

A. Registration Fee

Member : RM 1800
Non-Member : RM 2000
Government Officers : RM 1800

**Early Bird
(before 21/10/2022)**
RM 1560
RM 1760
RM 1560

HRD CORP CLAIMABLE COURSE

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

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.

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) 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 |

D. Cancellation

A deduction of 50% of the Registration Fee will be made being handling charges for cancellation after confirmation by phone or email. No refund shall be made for cancellation after the closing date of the course. A substitute is accepted.

E. Examination

Participants will be required to sit for a 2 hour written examination upon completion of the course.

Exam Date: 9 November 2022 Time: 3.30pm - 5.00pm

F. Closing Date

The closing date for registration is 21 October 2022.

For further information, contact:

Mdm Nirmala Devi

Tel: 03-8062 4194/5 Fax: 03-8061 8258

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.

IQM Continuous Professional Development Programme

HRD CORP CLAIMABLE COURSE



QUARRY ECONOMICS 2022

2022

CPD HRS: 12

Course Date: 8 - 9 November 2022

Exam Date: 9 November 2022

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.

INTERNATIONAL AFFILIATIONS:



INTRODUCTION

With the aim for increased competency of the quarrying industry towards world class status; The Institute of Quarrying Malaysia (IQM) and the Academy of Quarrying (AOQ) have taken the pro-active initiative to design and organise this Certified Course on 'Quarry Economics'. This Course, an important component of the Quarry Manager Practising Certificate (QMPC), is specially developed for the benefit of the quarry operators, quarry management personnel and Government officers who would like to gain advanced in-depth knowledge in this specialised field. This training course comprises 8 modules which will provide a sound practical foundation to understand the economic factors influencing quarry operations.

MODULE DESCRIPTION

Resource and Reserve Evaluation

The fundamental asset of any quarry is its rock reserves. This module presents a summary of methods of reserve evaluation with an emphasis on risks and assumptions.

Market Studies

It is essential that quarry operators understand their local market and this module reviews the key factors influencing this market including location, royalties, licenses, product range and quality, transport options and competitors.

Costs Associated with Quarry Development

Quarry development costs represent a significant capital expenditure that ideally should be spread over the life of the quarry. This module identifies key items of expenditure including access and haul roads, overburden stripping and storage, plant areas and stockpiles. This module does not include any review of processing and blasting costs.

Valuation and Due Diligence

This module presents a consideration of the factors influencing independent valuations of both greenfield and existing quarries. This includes reserve and resource assessment, quarry planning, market studies including proximity to local and major infrastructure projects.

MODULE DESCRIPTION

Blasting Economics

The blasting operation plays a pivotal role in the overall economics of quarries. This module explores the impacts of construction materials industry including operations the drilling & blasting sub-system with a particular focus on fragmentation, that affects all the other associated sub-systems, i.e. loading, hauling, crushing and screening operations.

Plant Costs Drivers

This module considers practical aspects of the key operating processes of excavating and loading, haulage, fleet matching, and aggregate processing plant. Optimum equipment selection and efficient process flow are critical components in defining how an aggregate plant is going to make the required products as economically as possible.

Operational Excellence for Quarries

A higher level module that explores operational excellence in the building materials value chain by leveraging systems and processes to customize common quarry operating best practices, including the importance of employee engagement and alignment.

Economic Value Added (EVA)

In corporate finance, economic value added is an estimate of a firm's economic profit, or the value created in excess of the required return of the company's shareholders. This module will give course participants an appreciation of EVA, and how by using EVA may change the way quarry managers measure performance and evaluate investment decisions.

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 Quarry Economics.

TRAINING METHODOLOGY

Course methods include combination of :

- Lectures
- Presentation
- Group Discussion
- Training Videos

KEY SPEAKER

ASSOC PROF IR DR SYED FUAD BIN SAIYID HASHIM

He is currently an Associate Professor in Mineral Resources Engineering Division of the School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia (SUM) Engineering Campus. He obtained his bachelor and masters degree from USM in 1996 and 1999 respectively followed by PhD from University of Queensland, Australia in mineral engineering in 2004.

During his service with USM, Ir Dr Syed had hold important administrative role ie Dean (2019-2021), Deputy Dean (Academic) (2013-2015) and Programme Chairman (2007-2012). Ir Dr Syed is a registered Professional Engineer with Practising Certificate (PEPC) with Board of Engineers Malaysia (BEM), members of reputable organizations such as Institute of Mineral Engineering Malaysia (IME), Society of Mining Processors (SOMP) and many others. He has been involved in mineral engineering teaching and R&D for almost more 18 years. His area include Mineral Processing, Mineral Resources Engineering, Mining, Resource Recycling, Modelling and Simulation (Mineral Processing Systems).

