

REGISTRATION

I wish to attend the “Rock Quality Analysis for Quarry Products” on 7 March 2017.

Name:

I/C No:

Date of Birth:

IQM Membership No (if any):

Co's Name:

Address:

.....

.....

Position Held:

Telephone: Fax:

Email:

Enclosed is Cheque / Bank Draft / Money Order

No..... for RM..... payable to

“Institute of Quarrying Malaysia Bhd”.

A/C No: 014187 208342 Maybank

(kindly email bank transaction advise)

PLEASE FORWARD PAYMENT 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

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 500.00

Non-Member : RM 600.00

Government Officers : RM 500.00

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:

1) Sri Puchong Hotel 03-80623373

2) Green Hotel 03-80686666

3) Four Points By Sheraton Puchong 03-58918888

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 1 March 2017.

For further information contact:

Mdm Nirmala Devi

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

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



Organised By



INSTITUTE OF QUARRYING
MALAYSIA

Supported By



DEPARTMENT OF MINERAL &
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

Rock aggregate are fundamental components of construction and are essential for infrastructure and building projects. Effective strategic planning for quarrying rock aggregate resource will enable us to meet current and future demand for development. With the increasing scale and advanced technology of quarrying operation; and concern over the quality of rock aggregate, knowledge of geology plays important role in this industry. An incomplete knowledge of geology in quarry operation may lead to improper planning and decisions.

The purpose of this workshop is to provide the participants from all levels of quarry operation team with an understanding of the characteristic of rocks. This workshop is designed to provide an introduction to the quarry industry from a geological perspective. This workshop will cover aspects which increase awareness of geological factor in relation to various aspects in the industry include planning, production, safety etc. During the workshop, the application on the knowledge of geology will be introduced on various aspects in the quarry industry include exploration for new quarries, quality control and rock extraction planning. It will benefit all levels of quarry operation team include:

- Quarry owners
 - ✓ Understand the characteristics of the rock resources in the exploration stage, which will be their raw material for the long term investment
 - ✓ Understand the geological factor for making decision on the selection of processing plants and machineries

- Quarry managers
 - ✓ Effective quarry resource planning
 - ✓ Understand the characteristics of each rock types in their quarry, to have better quality control and minimize production costing
- Marketing managers
 - ✓ Better understanding on the quality or characteristics of their raw material, helping to meet customers' requirements and establish marketing networks
- Shot firers
 - ✓ Understand the geological factors of rock mass, in order to carry out effective blasting pattern design in order to optimize results of blasting and minimises environmental impacts
- Supervisors
 - ✓ Daily planning and operation on the rock extraction

SPEAKERS

DR CHEONG KHAI WING, P. GEOL

Academic Qualification

Bachelor of Science with Honours, B.Sc. (Hons) (1990)

Major : Applied Geology University of Malaya
Shotfirer Certificate (1993) Mines Department, Malaysia

Doctor of Philosophy, Ph.D. (2003)

Prior to consulting, he was involved as an exploration geologist, under an established mining-based company group. He is experienced in many kinds of industrial minerals exploration work, including rock aggregate, marble block, kaolin, ball clay etc. He also led a marketing team in limestone aggregate, ground magnesium limestone powder and kaolin. After earning his Ph.D. in Applied Geology in 2003, he works actively as a geological consultant. He has carried out various kinds of consultation work for the local quarries and laboratories. He carries out detailed geological examination and report submission for quarries serving the export market to Singapore.

PROGRAMME

9.00am – 10.00am Section 1 - Introduction

- Why Knowledge of Geology is Important in the Quarry Industry
- Rock types that are potential for aggregate production
- Quarry Production according to rock types in Malaysia

10.30am – 12.30pm

Section 2 - Quality of Aggregate, Laboratory Tests and Common Characteristics of Rocks that Affect the Quality of Aggregates

- Some common laboratory tests on physical and mechanical properties of aggregate

- Classification and description of rocks that are related to quarry products
- Potential alkali-silica reactivity of aggregate

2.00pm – 3.30pm

Section 3 - Integrating the Knowledge of Geology into Quarry Industry

- Smart & Strategic Planning on quarry exploration, operation and quality control

4.00pm – 5.00pm

Section 4 - Cases Study