

REGISTRATION FORM

I wish to attend the “Drone Operation Management & Applications for Quarries” from 19 - 21 September 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 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 1500
Non-Member : RM 1700
Government Officers : RM 1500

Early Bird
(before 6/9/2022)
RM 1250
RM 1450
RM 1250

HRD CORP CLAIMABLE COURSE

This 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

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. Examination

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

Exam Date: 21 September 2022 Time: 2.00pm - 4.00pm

F. Closing Date

The closing date for registration is 6 September 2022.

For further information, contact the IQM Secretariat:
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



CPD HRS: 18
HRD CORP
CLAIMABLE
COURSE



DRONE OPERATION MANAGEMENT & APPLICATIONS FOR QUARRIES 2022



Course Date: 19 - 21 SEPT 2022
Exam Date: 21 SEPT 2022

Organised by:



Supported by:



DEPARTMENT OF MINERALS &
GEOSCIENCE MALAYSIA

to be held at

INSTITUTE OF QUARRYING MALAYSIA BHD
23, Jalan Utama 1/7, Taman Perindustrian Puchong Utama
(Puchong Perdana), Seksyen 1, 47100 Puchong, Selangor DE, Malaysia.

INTERNATIONAL AFFILIATIONS:



INTRODUCTION

The quarrying industry has a growing requirement for Drone Solutions, allowing faster, more frequent surveying and more efficient workflows. Surveying is an irreplaceable part of the industry. Accurate, reliable and timely data can assist in effectively managing stockpile volumes, monitor progress and productivity, and improving site management and safety standards.

Through technology advances, drones have become a valuable tool for quarries for improved data collection and project management.

Aerial Surveys are 20x Faster Than Ground-based Methods. With a single automated flight, a drone can collect timely, georeferenced imagery that is quickly transformed into a precise 3D copy of your site allowing you to calculate volumes, perform site surveys, optimise traffic management, design road layouts and much more. This helps to improve efficiency, increase safety and reduce costs.

This 3 day course combines comprehensive teachings on the economic benefits of implementing drones in quarries, to ensure you are well-equipped to kick-start a drones program within your organisation.

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 Drone Operation in the Mining and Quarrying Sector.

TOPICS

Module 1: Introduction to Industry 4.0 in Quarrying

Module 2: Economic Benefits of Drone Solutions

Module 3: Drone Technologies and Regulations in Malaysia

Module 4: Drone Concept of Operations

Module 5: Automated Flight Planning & Design

Module 6: Automated Flight Execution & Safety Procedures

Module 7: Data Visualization & Comparison

Module 8: Data Analysis & Management

Module 8: Economic Applications of Drones: Case Studies

Includes Practical Flight

- Design and Plan Flight Route
- Complete Pre-flight using Checklist
- Execute Automated Flight Mission
- Complete Post-flight using Checklist

TRAINING METHODOLOGY

Course methods include combination of :

- Lectures
- Presentation
- Visit to quarry
- Group Discussions
- Training Videos

BIODATA OF SPEAKERS

MR LIM GUANG MING

Guang Ming has been a key figure in shaping the Drones Industry in Malaysia.

As the Chief Remote Pilot of Drone Academy Asia – Malaysia's First Approved Remote Pilot Training Organisation by the Civil Aviation Authority of Malaysia (CAAM), he has been a key developer of Unmanned Aircraft System Training pedagogies, setting the training standards in Malaysia.

Through his in-field experiences and operational knowledge, he transfers his experiences to his trainees and clients. Along with that, he has reached out and provided technical knowledge and has assisted numerous organisations on their use of drones for a cross section of purposes including Agriculture, Surveying and Construction.

Guang Ming is highly passionate and enthusiastic about ways innovation and engineering are vital to achieving a sustainable future.

Guang Ming holds a First-Class Honours Bachelor Degree in Aerospace Engineering (Hons.) from Universiti Sains Malaysia (USM) and is also an Authorised Examiner approved by the CAAM.

