

REGISTRATION FORM

I wish to attend the “**Drone Operation Management & Applications for Quarries (Industry 4.0)**”
from 16 - 18 June 2021.

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 1300
Non-Member : RM 1500
Government Officers : RM 1300

Early Bird
(before 4/6/2021)
RM 1000
RM 1200
RM 1000

HRDF CLAIMABLE (SBL KHAS)

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 |
| 4) Bespoke Hotel Puchong | 03-80841111 |

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: 18 June 2021 Time: 2.00pm - 4.00pm

F. Closing Date

The closing date for registration is 4 June 2021.

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
HRDF CLAIMABLE
(SBL KHAS)

DRONE OPERATION MANAGEMENT & APPLICATIONS FOR QUARRIES (INDUSTRY 4.0) 2021



Course Date: 16 - 18 June 2021
Exam Date: 18 June 2021

Organised by:



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:

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

The quarrying industry has a growing requirement for Drone Solutions that allows 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 as well as improving site management and safety standards.

Through advances in technology, drones have become a valuable tool for quarries to endure 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 in implementing drones in quarries, complete with a practical on-site assessment 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: Autonomous Flight Planning & Design

Module 5: Autonomous Flight Execution & Safety Procedures

Module 6: Data Visualization & Comparison

Module 7: Data Analysis & Management

Module 8: Economic Applications of Drones: Case Studies

Includes Practical Flight at Quarry Site (Team Assessment)

- Design and Plan Flight Route
- Prepare and Assemble Drone Equipment according to Standard Operating Procedures
- Complete Pre-flight Procedure Checklist
- Execute Autonomous Flight Mission
- Disassemble and Complete Post-flight 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 is a highly motivated and dedicated individual who believes innovation and engineering are the keys to achieving a sustainable future.

As a trainer, he infuses his trainings with sincerity, dynamism, spurring learners to go the distance in realising their truest best self. He firmly believes that the best training programmes build a safe and conducive learning environment that empowers participants to apply the knowledge learned into areas of their work.

He has been a key developer of up-to-date UAS training pedagogies at Drone Academy Asia. Through his in-field and operational knowledge, he is able to transfer his experiences to his students and clients. Along with that, he has reached out and provided technical knowledge support and has assisted numerous organisations on their use of drones for a cross section of purposes including Agriculture, Surveying and Construction.

He loves to travel and experience new technology, culture and food. He is always grateful to meet new friends in life as he is constantly exchanging new experiences and knowledge such as Industrial 4.0 Technologies. Guang Ming holds a First-Class Honours Bachelor Degree in Aerospace Engineering (Hons.) from Universiti Sains Malaysia (USM) and is a Certified Trainer by The Human Resources Development Fund (HRDF).

