

REGISTRATION FORM

I wish to attend the “**Professional Drone Pilot Certification For Mineral Industry**” from 4 - 7 June 2024.

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 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:

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

Signature & Chop

(Please photocopy the Registration Form if required)

GENERAL INFORMATION

A. Registration Fee

Member : RM 2000
Non-Member : RM 2200
Government Officers : RM 2000

Early Bird
(before 21/5/2024)

RM 1750
RM 1950
RM 1750

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) Dash Box Hotel Cyberjaya 03-83227171
- 2) Citadines Dpulze Cyberjaya 03-86899888
- 3) Fox Lite Hotel Dpulze Cyberjaya 03-83209920
- 4) Cyberview Resort & Spa 03-83217000

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: 7 June 2024 Time: 2.00pm - 4.00pm

F. Closing Date

The closing date for registration is 21 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



**PROFESSIONAL
DRONE
PILOT
CERTIFICATION
FOR MINERAL INDUSTRY**

2024 CPD HRS: 24

Course Date: 4 - 7 June 2024

Exam Date: 7 June 2024

Organised by:



Supported by:



DEPARTMENT OF MINERALS &
GEOSCIENCE MALAYSIA

to be held at

DRONE ACADEMY ASIA

Futurise Centre (First Floor), Persiaran APEC,
Cyber 8, 63000 Cyberjaya, Selangor.

INTERNATIONAL AFFILIATIONS:



The quarrying sector is experiencing an increasing demand for Drone Solutions, facilitating quicker and more frequent surveys, along with enhanced workflow efficiency. Accurate, reliable and timely data can assist in effectively managing stockpile volumes, monitoring progress and productivity, and as well as improving site management and safety standards. Thanks to technological advancements, drones have emerged as invaluable tools for quarries, enabling improved data collection and project management capabilities.

In this practical hands-on training, the focus is on aerial surveys, which 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 2D and 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 4-day intensive drone application-based training designed for the mining & quarrying industry combines comprehensive lectures on drone technologies, hands-on drone pilot operations and practical economic applications in quarries to ensure that the mining & quarrying industry are ready to confidently integrate drone technologies and strategic applications into your daily operations.

COURSE MODULES/TOPICS

Module 1: Introduction: Smart Drone Technologies & Benefits towards Industry Success

Module 2: Importance of Drone Technologies & Economic Applications

Module 3: Concept of Drone Operations

Module 4: Simulator & Drone Setup*

Module 5: Outdoor Practical Session 1*

Module 6: Drone Regulations and Application Protocols

Module 7: Basic UAS Maintenance

Module 8: UAS Direction Sensing

MR LIM GUANG MING

Mr Lim 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 with their use of drones for a cross-section of 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.

Module 9: Outdoor Practical Session 2*

Module 10: Aerial Mapping Flight Planning*

Module 11: Aerial Mapping Flight Execution*

Module 12: Technical Drone Data Processing*

Module 13: Strategic Data Analysis and Reporting*

Module 14: Drone Data Assessments and Project Presentations Protocol*

Module 15: Overall Drone Pilot Certification Course Summary

Module 16: Drone Pilot Certification Examination

*Note: * indicates hands-on sessions*

DATO' PROFESSOR IR. TS. DR. ERIC GOH

Dato' Professor Ir. Ts. Dr. Eric Goh, an accredited HRDF Certified Technical Course Trainer (German-Malaysian Institute) and attached to Universiti Sains Malaysia; is acknowledged with over 38 years extensive international and national academic, research and industrial work experience. He is USM's Head of Quality and Accreditation, State Review Board, Honorary Executive Director (Academy of Quarrying) and special invitations to various high-impact Editorial Boards/Advisory Committees. Highlights of his other contributions include Mineral Development project proposals to the Government and co-development of Standard Operating Procedures (SOP) for Bauxite Mining. Dato' Eric Goh is a prolific author of over 200 technical publications which includes 12 technology/engineering reference books. In recognition of his expertise; Prof. Eric Goh was nominated to 'Fellowship (FASc)' of the prestigious Academy of Sciences Malaysia (ASM), conferred the 'Dato'ship Award', recipient of the esteemed Institute of Quarrying (UK)'s 'International Citation Award', 'ASEAN Federation of Engineering Organisations (AFEO)'s Honorary Membership Award', 'Distinguished Engineer Award', 'Staff Quality Award - Best Lecturer (Teaching Category)', 'Institute of Quarrying Malaysia's Award of Excellence', 'Distinguished Individual Award (International Category)', the 'Outstanding Technologist Lifetime Achievement Award' and 3 times awarded the inspiring 'Excellent Service Award (APC)'. In 2018, he was selected for the Albert Nelson Marquis Lifetime Achievement Award (USA).

TRAINING METHODOLOGY

Course methods include combination of :

- Lectures
- Group Discussions
- Presentation
- Training Videos
- Indoor Hands-On
- Outdoor Practical

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.