

# Construction Management for Site Supervision

**Module 1 – Construction Management for Site Supervision on Quality** (*Course code: SC 17-043*)  
15 July 2017 (Saturday), 9:30am to 5:00pm

**Module 2 – Construction Management for Site Supervision on Environmental Protection** (*Course code: SC 17-044*)  
22 July 2017 (Saturday), 9:30am to 5:00pm

**Module 3 – Construction Management for Site Supervision on Occupational Health and Safety** (*Course code: SC 17-045*)  
29 July 2017 (Saturday), 9:30am to 5:00pm

## Introduction

This series of short courses, comprising 3 modules, will introduce basic operation control and legal requirements on quality, environmental protection and occupational health and Safety Management System in the construction industry.

## Learning Objectives

The series provides participants with (a) the principles of quality and quality models; (b) understanding of basic principles and concepts of environmental protection; (c) understanding of basic principles and concepts of occupational health and safety.

## Learning Outcomes

At the end of the programme, participants will understand the basic principles of Quality, Environment and Safety Management, and apply the knowledge of the management systems in the workplace.

## Who Should Attend

- Engineering staff from construction industries
- Individuals who are interested in understanding the concepts of management systems

## Language

Cantonese (supplemented by English)

## Venue

MTR Academy - Hung Hom Centre, Kowloon, Hong Kong

## Mode of Learning

Classroom with exercises and discussions

## Programme Structure

### Module 1 :

This module serves as an introduction on management system. It starts with an introduction to quality and quality models and the basic concepts on quality control and assurance. Contemporary practice is discussed on quality assurance system in construction together with the implementation of new version of ISO 9001 : 2015 Quality Management System in the construction industry. Topics include:

- Introduction of quality and Quality Models;
- Quality Assurance for construction;
- Implementation of ISO 9001 : 2015 Quality Management System in construction.

### Module 2 :

This module describes the basic principles and concepts of environmental protection in construction activities. Legal requirements of environmental protection is discussed in relation to air, noise, water pollution, disposal of construction waste, and energy and resource saving etc. in construction together with the implementation of new version of ISO 14001 : 2015 Environmental Management System in the construction industry. Topics include:

- Environmental aspects and impacts in construction activities;
- Legal requirements in environmental protection in Hong Kong;
- Implementation of ISO 14001 : 2015 Environmental Management System in construction.

### Module 3 :

This module describes the basic principles and concepts of occupational health and safety in construction activities. Legal requirements of occupational health and safety is discussed with respect to construction site activities together with the implementation of OHSAS 18001 : 2007 Occupational Health and Safety Management System in the construction industry. Topics include:

- Importance of health and safety for construction activities;
- Factories and Industrial Undertakings Ordinance in Hong Kong;
- Implementation of OHSAS 18001 : 2007 Occupational Health and Safety Management System in construction.

## Speaker



Dr. Frankie Lam  
DBA, MSc., BSc.  
RSA, RSO, C Env.,  
RQM, FHKQMA

Dr. Lam has been working in construction industry over 35 years. His career started as an engineer in contracting companies working on infrastructure projects in early 80s. He pursued to quality control and assurance field and obtained his Quality Management System Lead Auditor qualification in late 90s. Dr. Lam advanced his professional activities on environmental protection and occupational health & safety and obtained the pertinent professional qualifications and registrations. In the last ten years, he has been playing heavily the role as a management system auditor on quality, environmental protection, occupational health & safety and energy in different business sectors.

Dr. Lam lectures for various educational Institutes in topics on quality, environmental protection and occupational health & safety and consults for different companies on ISO management system certifications and process improvement.

## Certificate of Attendance

Each participant will receive a certificate of attendance (indicating 6.5 hours of participation) upon successful completion of this programme

Programme Fee	Early Bird Fee	Corporate & Group Discount
<b>Each module \$2,000</b> (Please quote individual course code on registration)	<b>Each module \$1,800</b> (Paid registration made 2 weeks prior to the module start date)	<b>15% off for</b> <ul style="list-style-type: none"><li>– members of supporting professional bodies *</li><li>– full time staff of MTRCL and its subsidiary companies (Ngong Ping 360, Octopus and TraxComm)</li></ul> <b>25% off for</b> <ul style="list-style-type: none"><li>– all participants in a group of 3 or above from the same company (enrolment is for the same course code)</li></ul>

\* Supporting professional bodies are: Hong Kong Institution of Engineers (HKIE), The Institution of Engineering and Technology (IET), Society of Operations Engineers (SOE), China Hong Kong Railway Institution (CHKRI), Hong Kong Quality Management Association (HKQMA), Six Sigma Institute (SSI), Knowledge Management Development Centre (KMDC), Hong Kong Institute of Environmentalists, Literati Academy of Greater China (Lagreach) and The Hong Kong Institution of Engineering Surveyors (HKIES).

## Application Methods

### Online

Applicants can enrol and pay online <https://www.mtracademy.com>

### Enquiry in Person

Address: MTR Hung Hom Building, 1/F., 8 Cheong Wan Road, Hung Hom, Kowloon

Opening hours: Mon, Wed and Thu: 1:30pm – 2:30pm; 3:30pm – 7:30pm; Saturday: 9:30am – 12:30pm

Closed on Sunday and Public Holiday

### For Group Enrolment

Please call 2520 3453 or email: [academy@mtr.com.hk](mailto:academy@mtr.com.hk). Please email or fax us the completed enrollment forms.

### Payment methods

By credit card or cheque

### Closing Date for Registration

Please note that due to limitations of venue capacity and relevant logistics, all registrations must be made at least 3 working days prior to the delivery date of individual modules. No walk-in registration will be entertained.