Part 1: Construction Safety & Health Lesson 1 (3 hours)

Objective
The objective of this module is to inculcate Workplace Safety and Health (WSH) mindsets in Resident Engineers (REs) and Resident Technical Officers (RTOs) through lectures, case studies and interactive sharing. The module will raise their awareness of the common hazards present within a construction worksite and introduce to them measures to mitigate the related risks, enabling them to better protect themselves as well as others while at work. Their appreciation of the risks within a construction worksite will also be enhanced through the use of accident case studies.

Course Outcome
This module will equip RE/RTOs (QSS) with the necessary WSH knowledge relating to their employment, which includes:
1. The WSH Situation in the Construction Industry
2. Common Hazards in a Construction Worksite and their Corresponding Risk Controls
3. Lessons Learnt from Past Accidents
4. Ways to Influence and Contribute to Raising the WSH Standard

Target Audience
This course will benefit Construction Stakeholders (especially Resident Engineers, Resident Technical Officers and Resident Architects) involved in supervising the construction work.
CV of Presenter for Part 1
Mr. Lim Cheong is a Senior Principal Specialist, at the Occupational Safety and Health Inspectorate, Ministry of Manpower. He graduated with a degree in Building Engineering in 1995. After graduation, prior to joining the Ministry, he had undertaken various challenging roles as Approved Workplace Safety and Health (WSH) Auditor, WSH Officer, WSH trainer and Technical Committee member for the Singapore Contractors Association Limited (SCAL).

Serving the Ministry of Manpower since 2006, Mr Lim had led a team of WSH Inspectors in the Operations Branch, guiding them in their daily enforcement duties. He subsequently led a team of WSH Investigators, dealing with investigations into serious and fatal industrial accidents, and prosecutions of parties who had contravened the law.

Currently in the Ministry, Mr. Lim and his team is managing pertinent WSH issues, regulatory and Safety & Health Management System reviews affecting the construction industry. His other projects include involving in the Design for Safety Regulations work group, training and competency development for the Occupation Safety & Health Inspectorate, and various collaboration works with several sister agencies.

Beyond his core job, Mr Lim is a seasoned lecturer for numerous workplace safety and health courses at the Institute of Higher Learning, Statutory Board and Professional Organization. Mr Lim takes part in the Technical Committees (TC) such as TC on Personal Safety and Health under the purview of General Engineering and Safety Standards Committee, SPRING Singapore, and was a TC member for Safety and Health Involving the Use of Equipment.

CV of Presenter for Part 1
Mr. Bernard Kwok currently oversees the Investigation Branch of the Occupational Safety and Health Inspectorate, Ministry of Manpower, conducting investigations into serious workplace accident. Since his service with the Ministry of Manpower since 2002, Mr Kwok has also led different enforcement teams within the Ministry, carrying out Workplace Safety and Health inspections of workplaces in various industries, including construction worksites.

Mr. Kwok graduated with a degree in Civil Engineering in 2002. He is also a registered Workplace Safety and Health Officer.

Part 2: Foundation Supervision (6 Hours)

Objectives
To understand the different types of foundations used in Singapore, the quality assurances and controls to ensure safe and robust foundations, and how supervisors can value add in foundation supervision.

Target Audiences
Target audience is Site Supervisors, Engineers and Project Managers who are involved with construction, especially in foundations

Course Outline
- Introduction to Eurocode
- Site investigation
- Deep foundations
- Shallow foundations
- Quality control and testing
- Importance of instrumentation
- Forms and checklists.

CV of Presenter for Part 2
Er. Lim Peng Hong is a Professional Civil Engineer with over 30 years of experience in structural, transportation, civil and geotechnical engineering in the region. He is registered in the specialized branch of geotechnical engineering under the Professional Engineers Board, and is a Specialist Accredited Checker for Geotechnical Building Works. He has been a member of the Singapore Professional Engineers Board (PEB) since 2009 and is a Past President of the Association of Consulting Engineers Singapore. He chairs the Engineering Services Academic Advisory Committee for ITE, and also the Technical Committee for Structures and Sub-structures in SPRING, besides being a member of the Building and Construction Standards Committee in SPRING.

Besides managing infrastructure and building projects in Singapore, he has been involved in overseas projects, covering countries in both Asia and Europe. These include the supervision of 120 km of highway in Mizoram, India under a World Bank loan, concept design of the rail transit line for Bosphorus Crossing in Istanbul, 35-storey commercial building in Vietnam and a transportation study in Tianjin, China under World Bank Technical Assistance. Local projects include the Kallang Expressway, Circle Line, Downtown Line, Thomson East Coast Line and major buildings like Supreme Court, Changi Prison and Khoo Teck Puat and Ng Teng Fong Hospitals.

He is the Managing Director of PH Consulting Pte Ltd, a licensed corporation under the Professional Engineers Act.

Part of the course materials is modified from “Foundation Supervision” conducted between 2015 to 2017.
Registration Form

Foundation Supervision Duties and Construction Safety & Health Lesson 1, 1st Run

NOT SkillsFuture Funded

**Please READ** Information for UTAP claim please click HERE

Date : 18 October 2019, Friday
Time : 9.00am – 7.15pm
Venue : Royal Plaza On Scotts 25 Scotts Road (228220)

Actual Venue(Hotel) Will Be Mentioned In The Confirmation Email Which Will Be Sent To Paid Participant 2 Weeks Prior To Event Date

CPD Programme : 2 STUs(Safety) & 3 SDUs & 6 STUs (Structural) - Confirmed
9 PDUs - To Be Confirmed

Fees : $374.50 (IES Members) / 428.00 (Non-Members)

Please register online/fax the completed form by 2 October 2019 before 3pm to:
Karen Phua
IES Academy@Jurong East, Devan Nair Institute of Employment & Employability
80 Jurong East Street 21 #04-10, Singapore 609607
(Tel) 6463 9211 Email: karen@iesnet.org.sg

Name : ___________________________ NRIC : ___________________________
Company : ___________________________ Designation: ___________________________
Address 1 : ___________________________ (For mailing of invoice and receipt)
Address 2 : ___________________________ (For mailing of Certificate)
Postal Code : ___________________________ Sex : ___ Male / ___ Female
Mobile : ___________________________ Fax : ___________________________
Email : ___________________________ (For emailing of confirmation and location map)

Please indicate : ☐ IES members  IES M’ship No.: _______ P.E. No.: ______________________ (if applicable)
☐ Non-members  ☐ Sponsored by company

Contact Person Details (if different from participant)
Name : ___________________________ Designation: ___________________________
Tel : ___________________________ Fax: ___________________________
Email : ___________________________

Payment Details
Bank / Cheque No.: ___________________________ Amount ($) : ___________________________

* All Fees are inclusive of 7 % GST. Cheque should be made payable to: Engineers Singapore Pte Ltd

Acceptance of Terms and Conditions for Registrations of IES Academy’s Events
I agree to abide by the Terms and Conditions for Registration of IES Academy's Events.

Name : ___________________________ Signature : ___________________________
TERMS & CONDITIONS COURSE REGISTRATION

Registration
Any registration, whether on-line or fax will be on a **first-come-first-served basis** and will only be confirmed upon receipt of full payment by Engineers Singapore Pte Ltd unless otherwise invoice to company. All registrations must be submitted with duly completed registration form.

Closing Date & Payment
The closing date of the event will be 1 week prior to event commencement date or earlier. Cheques should be crossed ‘A/C payee only’ and made payable to ‘Engineers Singapore Pte Ltd’, with the **Title of The Event indicated** clearly written on the back of the cheques, and submitted with the duly completed registration forms to:
Attn: Karen Phua
IES Academy@Jurong East
Devan Nair Institute for Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607

Confirmation of Registration
Confirmation of registration will be given at least 2 weeks before the commencement date via email. **If you do not receive the said confirmation email, you are required to contact IESA at 6463 9211 during office hours.**
IESA reserves the right to allow only confirmed registrants to attend the Event.

Withdrawals/Refunds of Fees
Written notice **at least 2 week in advance** before the commencement of the event
Full course fee shall be refunded subjected to 4.5% transaction charge.
- **NO** refund otherwise.

No show of participant would not be accepted as a valid reason for withdrawal/refund.
One time replacement is allowed only if written notice is received by us at least 1 week before the commencement of the event. However, when an IES member is replaced by a non-member, the participant has to pay the difference in the relevant fees.

Cancellation/Postponement
Changes in Venue, Dates, Time and Speakers for the Events can occur due to unforeseen circumstances. IES reserves the full rights to cancel or postpone the Event under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact person of any cancellation or postponement.
Fees will be refunded in **FULL** if any Event is cancelled by IESA.

UTAP Funding
UTAP (Union Training Assistance Programme) is an individual skills upgrading account especially for NTUC members. As a member, you enjoy UTAP funding at 50% of the unfunded course fee capped at $250 a year

PERSONAL DATA PROTECTION ACT
I consent to the processing by Institution of Engineers, Singapore of personal data, including sensitive personal data as defined in the Data Protection Act 2014, about me for the proper purposes of Institution of Engineers, Singapore (IES). I undertake to observe the provisions of the Data Protection Act 2014 in relation to any personal data I may myself hold and process as a Members of Institution of Engineers, Singapore, and I agree to indemnify Institution of Engineers, Singapore from liability for any claims or damages that may arise from the processing of this data. For more information kindly refer to [here](#).

Enquiries
For further enquiries, please contact IESA general office at Tel: 6463 9211.