

# THE NEED FOR GOOD RISK MANAGEMENT AT PROJECT SITES AND THE APPLICATION OF CONSTRUCTION INSURANCE

Date	: 18 & 19 FEB 2019 (2 Days- Mon & Tue)
Time	: 6.15pm – 10.00pm (Both Days)
Venue	: Devan Nair Institute, 80 Jurong East St 21 Singapore 609607 (to be confirmed)
CPD Programme	: 3STU(STRUCTURAL) (Confirmed) / 2STU(SAFETY)(Confirmed) / 7SDU (Confirmed) /6 PDU (To be Confirmed)
Fees	: \$299.60 (IES Members) / \$353.10 (Non-Members)
Contact Person	: Verline Chiam   6460 4241   <a href="mailto:verline.chiam@iesnet.org.sg">verline.chiam@iesnet.org.sg</a>

## Typical site accidents/ occurrences:

- Scaffolding collapse during concrete pour
- Temporary earth retaining sheet piles gave way
- Tower crane frame crumbles while lifting material
- Vibration damage to neighbouring buildings



These are typical site incidents that are nightmares to builders and site personnel. It can be even worse if human lives are lost. The Nicoll Highway construction collapse in 2004 is one of the classic site incidents that is even spoken about by engineers until today.

Contractors and builders would have to face the Authorities and even the media when such incidents take place. On site, project owners and contractors look to the contract and particularly the insurance coverage for compensation.

However, construction contracts are normally left to the specialists – Consultants, Quantity Surveyors and even Lawyers to advise. The need for insurance and indemnity for the Client is specified in the Contract but engineers do not pay much attention to this contractual issue. Building codes and specifications have to meet in order for the insurance policy to respond. Often when something goes wrong on site, these insurance documents are sought upon to look for financial compensation.

## OBJECTIVES

This intensive course comprising lectures and case studies will enable participants to acquire sound technical knowledge of site risk management and appreciate how the construction insurance coverage is triggered. Technical aspects of the physical site work such as design and codes of practice will be addressed in relation to issues of dealing with the Contractor's All Risk (C.A.R) policy aspects during this session. Risk management on project sites will also be given adequate attention as these are essential to meet the policy conditions and clauses. Active learning concepts will be used to share the above subject matter with the participants.

## FOR WHOM

This one day course will be ideal for professional engineers, construction engineers, project managers, Consultants and other project team members who may wish to expand their technical knowledge of this specialised contract and site safety element.

## COURSE OUTLINE

- Risk Management at project sites
- The need for insurance and contractual requirements (CAR, EAR, PI, CPM).
- Site safety issues, lifting, compliance to laws, industry practice and compliance to policy terms and conditions.
- Compliance to safety aspects, use of Personal Protection Equipment (PPE)
- Case studies.
- Design codes, testing of material and industry practice for structural work.
- Consideration for deep excavations, use of sheet piles, temporary structures and other related temporary buildings at project sites.
- Work examples discussion.



## **CV Of Speaker**

Ir.Pooba Mahalingam is a professional engineer with over 20 years of experience in construction, insurance and loss adjusting. He is specialized in construction, engineering, liability and property insurance aspects.

He was previously attached to a claims management company in Singapore and led its Construction, Power and Engineering (CPE) team for the organisation. This was an regional assignment and was based in Christchurch, New Zealand as a member of the CAT loss team handling the 2011 earthquake claims.

Among the risks he was involved with were - Myanmar Gas pipe line project, power plants (various), bridge and building projects, Railway projects ( Malaysia), road & hospital projects (Singapore).

Prior to that, Pooba was attached to an international loss adjusting firm in Kuala Lumpur where he was responsible for mega projects risk management and claims handling. This included the following large construction risks -KLIA, KLCC, KL Tower, LRT 1 & 11, MRR2, Sprint Highway, LDP and Smart Tunnel. He gained further regional engineering exposure where he handled cases in Brunei, Indonesia, Singapore, Vietnam and Hong Kong.

In his earlier part of his career, he worked with a contractor and also a consulting engineering firm on building and infrastructure projects. Pooba was in the design office where he was involved in building, utilities, geotechnical, drainage, LRT and road alignment studies. He was also based on site as a Site Engineer and Assistant Resident Engineer (A.R.E). These exposures together with his project risk (insurance) experience makes him an ideal trainer for this subject matter.

Pooba is currently the President of the Insurance Law Association, Singapore (ILAS) and active construction and risk facilitator (trainer) with various organisations in Singapore and the region. He is also a Certified Trainer with ACTA certification.

# Registration Form

## The Need For Good Risk Management At Project Sites And The Application Of Construction Insurance 6<sup>th</sup> Run

**Date:** 18 & 19 FEB 2019 (2 Days-Mon & Tue)  
**Duration:** 3.5 hours per day  
**Time:** 6.15pm – 10pm  
**CPD Programme:** 3STU(STRUCTURAL) / 2STU(SAFETY/ 7SDU – Are Confirmed  
6 PDU - To be Confirmed

**Venue:** IES Academy @ Jurong East  
**Course** \$299.60 (IES Member)  
**Fee:** \$353.10 (Non-member)  
**Course** Verline Chiam  
**Coordinator:** 64604241  
verline.chiam@iesnet.org.sg  
**Last Date of Registration:** 8 FEB 2019

### Participant Details

\*Name (as per NRIC): \_\_\_\_\_ \*NRIC/FIN No: \_\_\_\_\_

\*Designation: \_\_\_\_\_ RE/RTO/PE No: \_\_\_\_\_

Company: \_\_\_\_\_

\*Address: \_\_\_\_\_

\*Email: \_\_\_\_\_ Postal Code: \_\_\_\_\_

\*Contact No: \_\_\_\_\_ Fax: \_\_\_\_\_

Please Indicate:  IES Member No: \_\_\_\_\_

Non-member  Vegetarian

### Contact Person (HR or Finance if sponsored by company or if applicable)

Name: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_

### Payment Details

Nets / Cheque No: \_\_\_\_\_ Amount: \_\_\_\_\_

- Sponsored by company
- All fees inclusive of 7% GST
- Cheques should be made payable to "Engineers Singapore Pte Ltd"

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:

Att: Verline Chiam

**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 1 week 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 1 week in advance*** before the commencement of the event

Full course fee shall be refunded subjected to **4.5% transection 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 (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 every year.

**SkillsFuture Credit (SFC)** "All Singaporeans aged 25 and above can use their \$500 SkillsFuture Credit from the government to pay for a wide range of approved skills-related courses. Visit the SkillsFuture Credit website ([www.skillsfuture.sg/credit](http://www.skillsfuture.sg/credit)) to choose from the courses available on the SkillsFuture Credit course directory."

Please visit <https://www.ies.org.sg/iesa/Skillsfuture & UTAP.pdf> for more information on SFC & UTAP claim.

### **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: [www.ies.org.sg/PDPA](http://www.ies.org.sg/PDPA).

### **Enquiries**

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