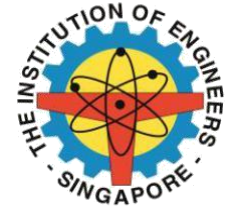


# The need for good risk management at project sites and the technical application of construction insurance

(Virtual Classroom)



## INTRODUCTION

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
- Landslide or embankment failure during Earthwork

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. 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.

## Pre-requisites

Prior to attending this course, you should:

- Have a PC / laptop / tablet / smart phone with built-in or external webcam.
- Installed the zoom client.
- Have Wi-Fi / high speed internet connection available.
- Receive an email with a link for you to submit a registration for webinar 1 week prior to the commencement.
- Receive an email with a link and password for you to join the webinar session after your registration is successful.



IES Academy Virtual Classroom

## Details

**Date** : 28 – 29 May 2020

**Time** : 1.30pm to 6.00pm

**Duration:** 9 hours, 2 days training

**Delivery Mode:** Zoom Webinar

**CPD** : 3 (Structural) / 2 (Safety) / 7 SDU / 6 PDU (PEB) – All Confirmed

**Fee after 20% off (include GST):**

**IES Member: \$239.70**

**Non-member: \$282.50**

E-certificate of Attendance will be awarded to participants who have completed the course survey and assessment.

## Target Audience

- Professional Engineers
- Construction Engineers
- Project Managers
- Consultants
- Project Team Members

## **IES Academy@Jurong East**

80 Jurong East Street 21, #04-10  
Devan Nair Institute for Employment and  
Employability  
Singapore 609607

Contact Person:

DID: 6460 4247 Main Line: 6463 9211

E-mail: [jingmin.lee@iesnet.org.sg](mailto:jingmin.lee@iesnet.org.sg)

## **COURSE OUTLINES:**

- Risk Management at project sites
- The need for insurance and contractual requirements (CAR, EAR, PI, CPM).
- Site safety issues, lifting, compliance to laws, design consideration, industry practice and compliance to policy terms and conditions.
- Compliance to safety aspects, use of Personal Protection Equipment (PPE)
- Case studies relevant to insurance cases.
- 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.
- Worked examples and technical discussion.



## **TRAINER'S PROFILE**



Pooba Mahalingam is a professional engineer with over 30 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 engineering 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 served as the President of the Insurance Law Association, Singapore (ILAS) for three terms and active construction and risk facilitator (trainer) with various organisations in Singapore and the region. He is also a Certified Trainer with ACTA certification.

# The need for good risk management at project sites and the technical application of construction insurance - 9th Run

Date: 28 – 29 May 2020

Time: 1.30pm to 6.00pm

Delivery Mode: Zoom Webinar

Fee after 20% off (include GST): IES Member: \$239.70 Non-member: \$282.50

Please register online/email the completed form by 25/05/2020 before 3pm to:

Contact Person: Lee Jing Min (Ms)

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and Employability

Singapore 609607

Tel: 6463 9211

## Participant Details

\*Name : \_\_\_\_\_ \*NRIC : \_\_\_\_\_  
(Please written in BLOCK Letter)

Company : \_\_\_\_\_ \*Designation \_\_\_\_\_

\*Address 1 : \_\_\_\_\_  
(For mailing of invoice and receipt)

\*Postal Code : \_\_\_\_\_ Sex : \_\_\_\_\_ Male / Female \_\_\_\_\_

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

\*Your Email : \_\_\_\_\_  
(For sending of confirmation email, preferable personal unless company sponsored)

Please indicate:  IES members IES M'ship No.: \_\_\_\_\_ RE/RTO/PE. No.: \_\_\_\_\_ (if applicable)  
 Non-members

Sponsored by company (Please indicate the Contact person detail)

## Contact Person Details (if different from participant)

#Name : \_\_\_\_\_ #Designation : \_\_\_\_\_

#Contact No. : \_\_\_\_\_ Fax : \_\_\_\_\_

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

## Payment Details

Bank / Cheque No : \_\_\_\_\_ Amount (\$): \_\_\_\_\_

~ All Fees are inclusive of 7 % GST.

## 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 : \_\_\_\_\_

**\*Mandatory entry**

**#Compulsory Entry for participant who choose to be INVOICE to your company**

## **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**

The closing date of the event will be 1 week prior to event commencement date or earlier.

### **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% 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.

## **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.