



# Engineering and Construction Techniques and Technology 101 for Non-Engineers (with Risk and Insurance focus)

5-6 September 2018 @Ayana MidPlaza Hotel, Jakarta

Facilitator : Ir. Pooba Mahalingam, B.Eng (Hons), P.Eng, MIEM, MCIHT, AICLA(aff), ASII, ACTA

## Programme Highlights

This is a 2-day course specially arranged to provide non-engineering /insurance participants a better understanding of engineering and construction technology, as they apply to the risk and insurance industry.

The knowledge sharing provided during this intensive program will be able to guide participants in the evaluating and underwriting of construction risks, as well as the managing related engineering insurance claims.

## Key Learning Outcomes

By the end of the programme, participants will be able to:

1. Describe the basic engineering disciplines, its techniques and construction procedures.
2. Learn the basic knowledge of the design codes and methods of construction
3. Appreciate some technical terms used in engineering and construction sector in relation to underwriting risks or processing claims
4. Highlight the importance of risk management in managing projects
5. Review various CAR policy clauses in relation to works like piling, hydrology and underground utilities

## Programme Outline

- Introduction and details of related insurance coverage
  - C.A.R, E.A.R, A.L.O.P, P.I Insurances
- Completed / Ongoing Mega Projects in the region
- Planning and design concepts – Design codes
- Role of Consultants and Architects
- Types of foundation
  - » Piles (Various types of Piles - reinforced concrete, Bored, timber etc)
  - » Earth retaining structure
- Construction material
  - » Concrete/ Steel/Timber
  - » Quality - source, quality control, engineering codes
- Superstructure
  - » Building ( retail/ complex)
  - » Bridges/ fly-overs
- Sequence of Work
  - » Stages (planning, design – preliminary & final, construction & completion/ hand-over)
  - » Typical contracts between contractors, clients (FIDIC Contracts)
  - » Case Studies relating to engineering & construction Claims

**Ir. Pooba Mahalingam.** is a professional engineer (registered with Board of Engineers, Malaysia) with over 25 years of experience in construction, insurance and loss adjusting. He is currently based in Singapore and has dealt with construction, engineering and property risks and claims for various insurance companies and reinsurers.

## Who Should Attend

This two day course will be ideal for Underwriters, claims personnel (Insurers), Brokers and consumers - construction engineers, project managers, Consultants, QS and other project team members who may wish to expand their technical knowledge of this specialised construction techniques and technology.

## Trainer's Profile : Ir. Pooba Mahalingam



Our guest speaker is a professional engineer (registered with Board of Engineers, Malaysia) with over 25 years of experience in construction, insurance and loss adjusting. He is currently based in Singapore and has dealt with construction, engineering and property risks and claims for

various insurance companies and reinsurers. He was previously attached to a global claims management company in Singapore and was assigned to Christchurch, New Zealand as a member of the CAT loss team handling the 2011 earthquake claims. He also managed reinsurance claims for a regional Insurance company in Singapore where he dealt with complex engineering issues.

Pooba has previous experience working with 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 I & II, Sprint Highway and Smart Tunnel. He also gained further regional engineering exposure when he handled assignments in Brunei, Indonesia, Myanmar, Vietnam and Hong Kong.

Our speaker has handled some high profile engineering/construction cases in the past and is a well-known presenter on project risks and claims handling procedures in the region. He is able to present both in English and Bahasa Malaysia. He also conducts training for M.I.I, S.C.I, A.I.C.L.A, IEM, BCA and other regional bodies. He is actively involved in industry activities both in Singapore and Kuala Lumpur.

## Training Schedule

Date	5-6 September 2018
Duration	2 days
Time	8.30am – 5.00pm
Venue	Ayana MidPlaza Hotel Jl Jend Sudirman Kav.10-11 Jakarta
Investment	Rp4,500,000 per delegate Rp4,000,000 per delegate (for 3 or more delegates from same company)

Please make payment to:

Bank Central Asia (BCA) No Rek: 5265318166 a/n :  
PT AHLIASURANSI MANAJEMEN INDONESIA

## Benefits

1. Investment includes workshop materials, lunch, coffee break, certificate (hotel stay – not included)
2. Free consultation on underwriting and claim through phone call, email or WA chats
3. Join a WA group chats with insurance professionals to stay-up-to-date

## Registration Form

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Please complete the form below

#### PARTICIPANTS :

1. Name : .....  
Position : .....  
Email : .....  
Hp : .....
2. Name : .....  
Position : .....  
Email : .....  
Hp : .....
3. Name : .....  
Position : .....  
Email : .....  
Hp : .....

#### HR CONTACT PERSON (TRAINING) :

Name : .....  
Position : .....  
Email : .....  
Hp : .....  
Company : .....  
Address : .....  
Telp : .....  
Signature : .....Date.....

Please email to : [info@ahliasuransi.com](mailto:info@ahliasuransi.com) or contact :

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