



## Program Overview

### **International Seminar “Railway Construction Project”**

**“A Two Day Fast Track Railway Construction Risk and Insurance”**

**with Risk Survey to LRT Jabodebek Project Site and Concrete Factory (PT. Adhi Karya (Persero) Tbk)**

Insurances relating to railway infrastructure construction are getting more and more relevant these days as complicated projects and technical risks are being developed in Indonesia and in the region. Each railway project and/or operational systems have their own challenges and risk exposures. Insurance buyers ie. project/ railway owners and contractors have higher expectation when the appropriate policy coverage is arranged. Claims often become the disappointment for stake-holders and its poor handling leads to conflicts, arbitration and even legal tussles.

Noted railway projects currently ongoing in the country include:

- A 26-kilometer airport railway that will connect Minangkabau Airport to the West Sumatra capital of Padang.
- the 85-double track Prabumulih-Kertapati railway.
- the Martapura-Baturaja route in South Sumatra.
- two LRT projects in Jakarta and South Sumatra.
- the Bandar Tinggi-Kuala Tanjung route in North Sumatra
- a double-double track project from Manggarai Station in South Jakarta to Cikarang in West Java.

Besides the above a few projects are still in the planning stage : Sumatra coal railway, West Kutai - Balikpapan coal railway, Muara Wahau - Bengalon coal railway, Soekarno-Hatta airport links and the Trans Sumatra Railway.

During this technical course, railway construction insurance products and technical specifications will be addressed while special consideration will be given to evaluate claims handling complications and issues. Accordingly, case studies will be utilised to elaborate how various policy wordings and endorsements are applicable to equitable claims assessment.

This 2-day specially designed training programme incorporates an interesting site visit to the LRT Jabodebek project site to enable participants to have a hands-on experience to observe an on-going works.

The Programme Leader, who is a qualified engineer from Singapore with over 20 years of engineering and technical exposure will lead this programme and will share his relevant experience(s) in dealing with this technical subject matter. This event also brings the Director of the contractor who has years of experience in contraction company and will share his company’s experience in building LRT Jabodebek.

## Target Audience

- APARI members – to qualify for CPD hours.
- Brokers and R/I Brokers who have at least one year experience in this field.
- Insurers, loss adjusters and others who are keen to enhance their knowledge in this subject matter.

## Learning Objectives

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

- **Appreciate** available railway construction (C.A.R) insurances and how they provide coverage.
- **Identify** key construction technology issues relating to railway projects.
- **Compare** and contrast the roles and duties of the various parties involved in a railway project development.
- **Relate** the insurance policy operative clause and various endorsements/ warranties to claims issues.
- **Understand** how to deal with complex railway construction claims.
- **Learn** to deal with complicated claim aspect and why forensic investigation is crucial.
- **Question** the various risk exposure elements when underwriting a railway construction project.
- **Highlight** the importance of effective risk management to ensure good underwriting of such railway risks.

## Key Course Content

- Current and upcoming railway construction and engineering risks in Indonesia and the region.
- Special information on current LRT Jabodebek project.
- Elaboration on construction / engineering insurance coverage and claims issues - Construction All Risks (CAR) and Erection All Risks (EAR) policy
- Aspects that will be explored under the policy – operative clause, coverage, clauses, endorsements, warranties and claims issues.
- Case studies will be used to elaborate the subject matter better.
- Includes ½ day site visit to LRT Jabodebek project site and concrete factory (on Day Two)

## **Programme Leader's Profile**

**Ir. Pooba Mahalingam B.Eng (Hons), P. Eng, MIEM, MCIHT, AICLA (Aff.) ASII, ACTA** is a professional engineer with regional exposure in the insurance and risk space. He is based in Singapore and has work experience as a Planning Engineer working on a Light Railway Transit (LRT) project development in Kuala Lumpur. His Singapore based firm, *Talent Asia Training and Consulting*, provides risk survey, training and consulting services in the region.

Pooba was previously attached to an international claims management company and led its Construction, Power and Engineering (CPE) team. He was also assigned to Christchurch, New Zealand, as a member of the CAT loss team handling the 2011 earthquake matters.

Pooba was also engaged by a large international insurer with special responsibility for technical and reinsurance matters.

He is also the President of the Insurance Law Association of Singapore (ILAS) and an active facilitator with The Australasian Institute of Chartered Loss Adjusters (AICLA) and the Singapore College of Insurance (SCI). He also is a regular trainer with IEM, MII, BCAA, ACEM and a few regional organizations.

Pooba is a well-known presenter on risk/ insurance and railway infrastructure project development. He uses the training platform to share some of his work experiences and scenarios to benefit the course attendees. Besides training, he also provides Risk Surveys for Insurers/ Brokers for various technical or operational risks.

*Pooba's presentation will be English but with some translation in Bahasa to help participants appreciate the subject matter better.*

## **Guest Speaker's Profile**

**Ir. Pundjung Setya Brata, MM** has served as a Director of the Company since 27 June 2014. He was Previously served as: Division Head of Business Cooperation (2013-2014); Deputy Head of the Division of Engineering, Development & Systems Management Field Link (monorail) (2013); Deputy Chief of Operations Division EPC Power (2012); Assignment at Adhi Oman, LCC (2010-2011); Assistant Directors (2010); Head of International Division, Jakarta (2007-2010); Project Manager Power Plant EVAL 3 & 4 (2004-2004); Project Manager Cikampek - Cirebon Double Tracking Project Segment I, Division Construction II (2001-2004).

He holds a S1 Civil Engineering degree from the University of Diponegoro in 1990 and Master in Strategic Management from Presetiya Mulya Business School in 2015.



## RUNDOWN

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Tuesday-Wednesday 17<sup>th</sup> -18<sup>th</sup> April 2018

APINDO Training Center – Jakarta

DAY 1	
7:30 – 8:45am	Delegates Registration and Morning Refreshments
8:45 – 9:00am	Welcome and Opening Address: Chairman of APARI
<b>Speaker : Ir. Pooba Mahalingam (Certified Trainer)</b> <b>B.Eng (Hons), P. Eng, MIEM, MCIHT, AICLA (Aff.) ASII, ACTA.</b> <b>Director – Training and Business Development Talent Asia Training and Consulting - Singapore</b>	
9:00 – 10:30 am	<b>Introduction to Railway Project Risks-Current and Upcoming:</b> <ul style="list-style-type: none"><li>▪ In Indonesia</li><li>▪ The Region-Malaysia, Singapore</li><li>▪ High Speed Railway (HSR)</li></ul>
10:30 – 10:45am	<b>Morning Tea</b>
10:45 – 12:00am	<b>Types Of Available Engineering Policies &amp; Coverage-for Railway Projects:</b> <ul style="list-style-type: none"><li>▪ Construction All Risks (CAR) &amp; Erection All Risks (EAR)</li><li>▪ Professional Indemnity (P.I)</li><li>▪ Contractor’s Plant &amp; Machinery (CPM)</li></ul>
12:00 – 1:00pm	<b>Lunch Break</b>
1:00 – 2:30pm	<b>Railway Construction- Planning and Implementation:</b> <ul style="list-style-type: none"><li>▪ Funding</li><li>▪ Type of Contracts</li><li>▪ Packages</li></ul> <b>Side Management Roles:</b> <ul style="list-style-type: none"><li>▪ Client</li><li>▪ Consultants</li><li>▪ Contractors</li></ul> <b>Railway Projects Elements:</b> <ul style="list-style-type: none"><li>▪ Site clearing, earthworks, track works, sleepers</li><li>▪ Elevated guide way, bridges, tunnels</li><li>▪ Signalling, power system, ticketing</li></ul>
2:30 – 2:45 pm	<b>Group Discussion 1 – Managing Railway Projects</b>
2:45 – 3:00pm	<b>Afternoon Tea</b>
3:45 – 4:15pm	<b>Construction All Risks (CAR)/Erection all Risks (EAR) Policy:</b> <ul style="list-style-type: none"><li>▪ Coverage</li><li>▪ Differences</li><li>▪ Principal-Controlled Insurance Programe (PCIP)</li></ul>
4:15 – 4:30pm	<b>Group Discussion 2 – From Construction to Operational Risk Issues</b>
4.30 pm	<b>Closing of Day 1</b>



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#### DAY 2

7:30 – 8:30am Delegates Registration and Morning Refreshments

8:30 – 8:45am Review of Day 1/Course Overview of Day 2

8:45 – 09.45am Construction All Risks (CAR)/Erection All Risks (EAR) Policy:  
Section I and II

09:45 – 12:00am Construction All Risks (CAR)/Erection All Risks (EAR) Policy (Continued):

- Clauses/Endorsements/Warranties
- Case Studies

#### Morning Tea

- Group Discussion 3 – High exposure in railway construction
- Wrap up of the Day 2 session

12:00 – 1:00pm Lunch Break

Speaker : Ir. Pundjung Setya Brata, MM  
Director of Operation III, PT. Adhi Karya (Persero), Tbk

1:00 – 2:30pm LRT Jabodebek Project Risks

2:30 – 2:45 pm Afternoon Tea & Preparation for Site Visit

2:45 – 05:00 pm Site Visit to LRT Jabodebek Project Site and Concrete Factory

05:00 pm Closing Session at site/Return to Venue