

Training session 'Risk Management in Tunnelling'

Kuala Lumpur 13 – 14 November 2016

Venue: Tan Sri Prof. Chin Fung Kee Auditorium, Wisma IEM

Jalan Selanggor, 46200 Petaling Jaya - Malaysia

Objective: Introduction to the Risk Management process throughout a project cycle from planning, designing, construction and implementation of a tunnel or underground project with specific focus for Owners and Decision Makers, Consulting Engineers, Contractors and others with an interest in risk management activities.

Sunday 13 November 2016

Session 1: Introduction & Overview

- 09:00 – 09:45: Welcome & opening: ITA & local representatives – T. Celestino
- 09:45 – 10:30: Introduction to risk management by ITA WG2 (Time line for risk management, codes & guidelines – S. Eskesen)
- 10:30 – 11:00: Coffee break
- 11:00 – 11:45: Reliability analysis of underground works – T. Celestino
- 11:45 – 12:30: Quantitative/qualitative risk assessment – T. Celestino
- 12:30 – 14:00: Lunch

Session 2: The Tools

- 14:00 – 14:45: The use of hazard identification & risk registers – D. Kolic
- 14:45 – 15:30: Introduction to risk management tools – D. Kolic
- 15:30 – 16:00: Coffee break
- 16:00 – 16:45: Setting the scene – examples of what has gone wrong – H. Wagner
- 16:45 – 17:30: Introduction to the use of risk policy & risk acceptance criteria – H. Wagner
- 17:30 – 18:00: Questions & answers

Monday 14 November 2016

Session 3: The Parties

- 09:00 – 09:45: Risk management from a client's perspective – D. Kolic
- 09:45 – 10:30: Risk management from a contractor's perspective – G. Klados
- 10:30 – 11:00: Coffee break
- 11:00 – 11:30: Case histories: Risk management of Large Bore TBM Projects – N. Munfah
- 11:30 – 12:30: Round table: the boarder lines between parties – With the lecturers
- 12:30 – 14:00: Lunch

Session 4: Procurement & Contractual aspects – Local organisation with L.H. Ooi, Er.S.T. Poh, G. Klados

- 14:00 – 14:45: How to implement risk management in the procurement process for selection of a contractor based on an evaluation of the most economical advantageous bid
- 14:45 – 15:30: Contractual requirements to implement a systematic risk management process into a tunnel contract
- 15:30 – 16:00: Coffee break
- 16:00 – 16:45: Example 1 of the full risk management process
- 16:45 – 17:30: Example 2 of the full risk management process
- 17:30 – 18:00: Summary & closing of the seminar