

DIAPHRAGM WALL CONSTRUCTION & SUPERVISION

Certificate Course In

“DIAPHRAGM WALL CONSTRUCTION AND SUPERVISION”

VENUE:

3, Soon Lee Street
#05-22, Pioneer Junction
Singapore 627 606

DATE:

Refer to Schedule

TIME:

Refer to Schedule

COURSE FEE:

- S\$170/-For self-Sponsored
- S\$200/-For Company sponsored

(Refreshments Provided)

ACCREDITATIONS:

6 PDU /6 STU POINTS

CONTACT

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STAR ACADEMY PTE LTD

3 Soon Lee Street, # 05-22

Pioneer Junction

Singapore 627 606



INTRODUCTION

Deep excavation for MRT construction with Diaphragm wall as ERSS is a great challenge in Singapore. MRT stations of present days are much deeper than ones constructed many years back. Therefore it is important to understand the challenges posed to manage construction phases appropriately.

COURSE COVERAGE

- ❖ Understanding diaphragm wall function as ERSS
- ❖ Methods of D wall construction and quality control requirements
- ❖ Specification requirements and codal provisions (EC 7)
- ❖ Ground challenges in diaphragm wall construction
- ❖ Utilities Management in D wall construction
- ❖ Repairing of constructed D walls.
- ❖ Site Challenges in D-Wall Construction
- ❖ Site Safety Practices in D Wall Construct
- ❖ Q & A

TARGET AUDIENCE

- Professional Engineers (PE)/ Resident Engineers (RE)/ Resident Technical Officers (RTO) / Design Engineers
- Project Managers / Site Engineers and Supervisors
- Practicing Workplace Safety & Health Officers (WSHO)/ Safety Coordinators and other Construction / Safety Professionals

TRAINER PROFILE

Dr Chew Soon Hoe is with Department of Civil and Environmental Engineering at NUS. He received his PhD from University of California, Berkeley, USA. He is currently a Supervisor at Geotechnical Engineering & Centrifuge Laboratory. He was the Deputy Director of Centre for Protective technology (CPT), jointly established by Defense Ministry and NUS; during this time, he received the Silver Medal for serving five years on the IES Council. He has published very widely and was invited to deliver a number of keynote and special lectures, including in the GaoAsia 2000 conference in KL, and the 7TH International Geosynthetics Conference in Nice, France, 2002



C. Kirubakaran, M.Eng, M.Sc (Civil), MIES, ACTA, M.ASCE, PMC is the Principal Consultant in R STAR CONSULTANTS PTE LTD and is involved in Consultancy, Project Management and Training in the construction industry. He has diverse experience in residential, commercial, MRT infrastructure and casino projects. He is an MOM approved trainer. His approach is very pragmatic using a combination of tailored activities.



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