

DIAPHRAGM WALL CONSTRUCTION & SUPERVISION

Certificate Course In

“DIAPHRAGM WALL CONSTRUCTION AND SUPERVISION”

DATE:

Refer to Schedule

TIME:

Refer to Schedule

COURSE FEE:

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

ACCREDITATIONS:

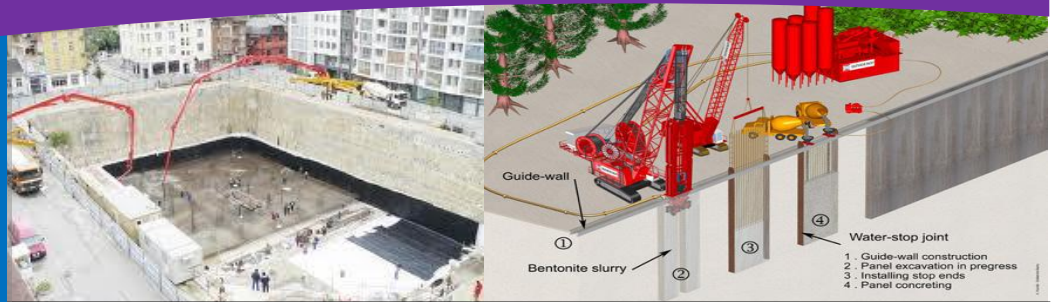
6 PDU / 6 CET / 6 STU
(Structural)

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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

ENGR. ALFONSO R. SINCIOCO, JR.

A Civil Engineer with 25 years of professional experiences in EPC and DBO projects in Philippines, Vietnam, Middle East and Singapore. He was involved in various heavy civil and structural works related to marine & quay structures, waste to energy plant, water and sewage treatment plants and buildings. He is currently working as Chief Resident Engineer in a JV company of Black and Veatch and AECOM. He held Bachelor's Degree in Civil Engineering from Mapua University in Manila, Philippines.

- Admitted in NTU for Master Degree in Civil Engineering
- Registered Resident Engineer with IES
- Registered ASEAN Engineer
- Registered Professional Engineer in UK
- Licensed Civil Engineer in Philippines
- Chartered Construction Manager in UK
- Chartered Building Engineer in UK
- Fellow Member of SPE-UK, Fellow Member CABE-UK, Chaptered Member MCIOB (UK)
- Project Management Professional PMP, Design for Safety Professional DfS
- Senior Member of IES
- Competent Communicator Awardee by Toastmaster, USA



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