

Supervision of Piling Works

Certificate Course In

“SUPERVISION OF PILING WORKS”

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)

CONTACT

Ms. Saranya
H/p: 9168 3099
Email:
saranya@staracademy.com.sg

Mr. Prakash
Tel: 6978 8567
Email:
prakash@staracademy.com.sg

STAR ACADEMY PTE LTD

223 Jalan Besar
Singapore 208 902.



INTRODUCTION

Supervision is utmost important in piling work. Once the piles are installed, they are expected to function throughout their lifetime. During the lifetime of the building, the foundation is rarely inspected for its continued structural integrity and stability. The durability of the entire building depends on the amount of quality work done in the foundation with adequate precision. The confirmation of the degree of safety and level of strength of the super-structure are also performed through field tests during the piling work. This course imparts to participants the knowledge of good construction practices, supervision of piling works, regulatory requirements and testing of pile foundation works.

COURSE COVERAGE/ OBJECTIVES

- Introduction to Piling Works
- Regulatory Compliances for piling works
- Types of Piling Works
- Pile Design Requirements
- Construction & Supervision of Piling including Inspections
- Record Keeping for Piling Works
- Challenges and Constraints in Piling Works
- Risk Management in Piling Works
- QA Discussion

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'S PROFILE

Mr Lim Kia Wee, M.Eng, M.Sc, M.I.E.S(S'pore) & P.Eng(Civil). He is the Managing Director and Principal of TERS Engineering Services Pte Ltd and TERS Consultant respectively. He has held senior positions in consultancies and contractors, the scope of working from design to project management. He worked in various capacities as Senior Geotechnical engineer, Project/ Design engineer, now Managing Director with hands and capabilities. His main scope of work is detailed finite element computer programme, such as Saga Crisp. He is also a Hulme Award winner for Tunneling and Underground Society of Singapore for his contribution on the comparison of various commercial software for excavation analysis.

Er. V. Subramanian

Obtained his Master of Science in Civil Engineering from National University of Singapore. Practicing as Resident Engineer in Singapore. He also has more than 20 years of field experience in Singapore, Sultanate of Oman and India. He is an Associate Member in Institution of Engineers (India) and is a Chartered Engineer (India). He has been involved in many projects, including residential, factory, industrial, commercial, educational, conservation and restoration works. He mainly concentrates and supervises the works related to Quality, Environmental, Health and Safety (QEHS) areas. He has managed the company's in-house training team and conducted trainings to their staffs related to the QEHS areas and internal auditor certifications.



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