

SUPERVISION OF CRITICAL CONCRETING WORKS

(Based on LTA M&W Spec, HDB, EN 206, EN 12350 and EN 12390 requirements))

Certificate Course In

“SUPERVISION OF CRITICAL CONCRETING WORKS”

VENUE:

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

DATE:

Refer to Schedule

TIME:

Refer to Schedule

COURSE FEE:

- S\$160/-For self-Sponsored
- S\$200/-For Company sponsored

(Refreshments Provided)

ACCREDITATIONS:

7 PDU / 7 CET/ 6 STU (Structural)

CONTACT

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STAR ACADEMY PTE LTD

3 Soon Lee Street, # 05-22
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INTRODUCTION

Good Concreting practices with right supervision on critical aspects of concreting are very important, apart from the use of good quality concrete to achieve long-term durability of the building/civil engineering structures in service. Deeper MRT lines and taller buildings with the deeper large diameter bored piles/thick D-walls/roof and base slabs/raft foundations, and use of silica fume concrete with RCPT tests and green concretes for construction become challenging in recent. Therefore, it is very essential to understand the critical aspects of different concrete elements construction practices with right supervision through understanding project specifications, new Euro codes-EN 206/12350 & 12390 together with case studies on good concreting practices.

COURSE COVERAGE

- Introduction to Special Concrete
- High Strength Concrete Critical Requirements & Supervision
- Green Concrete Requirements & Supervision
- Water Proof Concrete Functional Requirements & Supervision
- Thick Section Casting Methods & Supervision Requirements
- Test Results interpretation for all concrete types (HS,WP,GC etc)
- Case Study on High Strength, Green, Water proof Concreting works
- Q&A

TARGET AUDIENCE

- ❖ Professional Engineers (PE)/ Resident Engineers (RE)/ Resident Technical Officers (RTO) / Design Engineers
- ❖ Project Managers / Site Engineers and Supervisors
- ❖ Other Construction Professionals

TRAINER

The trainer is **Dr Sarathi** Concrete **Expert** involved in various consultancy, collaboration and R&D projects locally and internationally in the area of concrete new product developments and testing. He has published and presented numerous research papers in many National/International Journals and conferences. He has enormous experience in building, civil and infrastructure (MRT) projects in terms of concrete quality control, good in-situ construction practices/methods, assessment of in-situ strength, Non-destructive testing and provides consultancy/appropriate solutions to construction industry relevant to quality/constructional issues. His training approach is very practical with combinations of relevant theory and case studies. He has extensively involved in Training to the Industrial and Institutional level and delivered Training/Guest Lectures.



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