

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”

DATE:

Refer to Schedule

TIME:

Refer to Schedule

COURSE FEE:

- S\$160/-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

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

Dr Arvind K Suryavanshi has been working since the last 30 years in the allied fields of Concrete Technology encompassing QA / QC of Ready Mix Concrete / Precast Concrete, Testing and Evaluation of Civil Engineering Materials and also as Independent Materials Technology Consultant (IMTC). He has worked extensively and led Industry Sponsored R & D projects while working as Post-Doctoral Fellow at National University of Singapore (NUS), Singapore.



STAR ACADEMY PTE LTD

