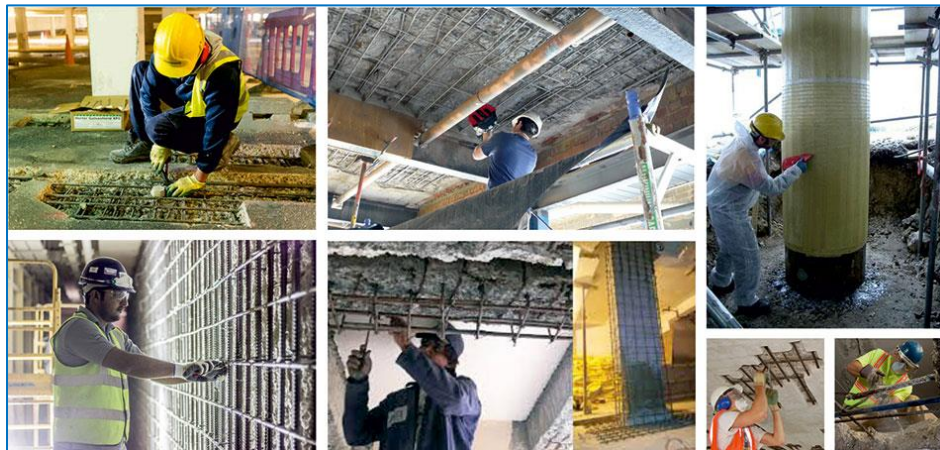




SC061: Building Upgrading and Repair – After the Assessment

Training Description:

As buildings and structures age owners often rely upon engineers to perform building condition assessments to help them make the decision on the action necessary to upgrade or repair the structures.

This intensive training course explores how decisions are made which are based on the results of the various tests and non-destructive investigative techniques that professionals use in the evaluation of building components.

The training course will explain step-by-step procedures in how to prepare a scope of work that can be developed into bid documents for building upgrades and repairs.

Training Objectives:

By the end of the training, participants will be able to:

- ✓ Develop the results of a building condition assessment into a repair strategy
- ✓ Make the decision to upgrade or repair individual building components
- ✓ Prepare a scope of work
- ✓ Explore different repair options in the decision-making process
- ✓ Understand how to develop bid documents

Training Designed for:

This course is intended for Building Industry Professionals, Engineers, Architects, Designers, Facility Managers, Directors of Plant Maintenance, Building Services Managers, Project Managers, Municipal Building Officials, Technicians & Technologists, Contractors, Developers and Inspectors & Test Lab Personnel.

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

FIVE DAYS:

- ❖ PRE-TEST
- ❖ Introduction
- ❖ Specifications and Bid Documents
- ❖ Repair of Structural Deficiencies
- ❖ Repair of Masonry Structures (Overview)
- ❖ Brick Evaluation and Repair
- ❖ Concrete Foundation Repair
- ❖ Testing, Measurement and Balancing of systems and components

- ❖ Repair and Replacement of Deficiencies
- ❖ Review Electrical Single line, Service Entrance, Grounding and Bonding
- ❖ Review Loading, Temp rise, Protection, Metering, Monitoring and Control
- ❖ Repair and Upgrading of Building Envelopes: Roofs, Walls & Windows
- ❖ Course Conclusion
- ❖ POST-TEST and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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