

Ready Mixed Concrete Manufacturers' Association (RMCMA), India and National Ready Mixed Concrete Association (NRMCA), USA, have jointly developed the Training and Certification Courses for Concrete Technologists-India (CTI).

The contents of the CTI course are based on NRMCA's Concrete Technologist Level-II and III Programs. RMCMA carried out necessary modifications in the course content to suit the Indian conditions and code requirements

Following the first pilot training program in Mumbai June 17 to 21, 2013 by two experts from NRMCA, Dr Colin Lobo and Dr Karthik Obla, over 200 RMC industry professionals have taken the course in 9 batches in various cities including Mumbai, Hyderabad, Bangalore, Chennai and Sri Lanka. RMCMA now offers this course as a fully indigenous training and certification program.

Main features of the CTI Program

CTI is a basic level training program in concrete technology and it is meant for those involved in designing, specifying, producing, handling and testing batch plant concrete. The course is practice oriented and is tailor-made to suit RMC operations and includes the latest developments in concrete technology.

Full 4 days class-room training in 20 topics in concrete technology (listed below)

- Two-hour Examination on 5th day
- Examination assessment and Grading of participants done by RMCMA
- Certificate issued by RMCMA
- Printed course material of 400+ pages on 20 topics in concrete technology with review questions
- Batch size of 25

Topics covered:

1. Fundamentals of Quality Concrete
2. Production, Delivery & ASTM C94
3. Aggregates for Use in Concrete
4. Aggregate Test Methods and Calculations
5. Portland and Blended Cement
6. Fly ash and Natural Pozzolanas
7. Ground Granulated Blast Furnace Slag
7. Silica Fume
8. Proportioning Concrete Mixtures
9. Chemical Admixtures
10. Basic Statistical Methods
11. ACI/BIS Requirements
12. Handling, Placing and Finishing Concrete
13. Overview of Fresh Concrete Tests
14. Testing Hardened Concrete
15. Hydration, Microstructure and Permeability
16. Fundamentals of Durability
17. Concrete in Hot Weather
18. Shrinkage and Cracking
19. Quality Control Procedures

Who should register for CTI program?

- Technical and sales personnel from RMC plants
- Technical-support personnel from Contractors/Builders/Owners
- Technical-support personnel from Structural Consultants/Architects
- Project Management Consultants
- Customer Service Professionals

Minimum qualification/experience for registration

Degree/diploma in civil engineering, Architecture
Science graduates with minimum experience of
3 years in RMC operations / concrete lab

Benefits of CTI Course

Trainee Receives 400+ pages of course material
Receives guidance from experienced trainers
Gets examined and receives certificate from RMCMA.
Sponsoring organization gets a certified and trained concrete technologist
for the organization

Program details

Program duration: 5 days.
Venue: Western Regional Instrumentation Centre (WRIC). University of
Mumbai, Kalina Campus, Santacruz East, Mumbai 400 098, India
Fee: Rs 25,000/= plus GST @ 18%.
Payment: By Cheque- In the name of "Ready
Mixed Concrete Manufacturers' Association, Mumbai
OR
Direct bank transfer payment: A/c No: 230010100139755
IFS code: UTIB0000230

For more details contact:

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Ready Mixed Concrete Manufacturers' Association (RMCMA)

Concrete Technologists-India (CTI) Training and Certification Course July 26-30, 2018

at

Western Regional Instrumentation Centre (WRIC). University of
Mumbai, Kalina Campus, Santacruz East, **Mumbai** 400 098, India