REGISTRATION FORM

TWO DAYS TRAINING PROGRAMME
(Non - Residential) *on*
Use of Chemical and Mineral Admixtures for Concrete Construction
(27-28 April, 2006)

1. Name: _____
2. Designation: _____
3. Address: _____

   _____
4. City/Pin Code
   State: _____
5. Country: _____
6. Tel / Fax: _____
7. E-mail: _____

DD/Cheque No._____ Dated: _____

Amount (Rs.): _____

Place: Signature of the Participant/Sponsor

Date: Name:

(Photocopy of the form may be used)

For further information, contact

Executive Director
Building Materials & Technology Promotion Council
Ministry of Urban Employment & Poverty Alleviation
Government of India
Core 5 A, Ist Floor, India Habitat Centre
Lodhi Road, New Delhi 110003

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NEXT PROGRAMME

WATER PROOFING AND DAMP PROOFING MATERIALS AND TECHNIQUES FOR BUILDINGS AND STRUCTURES

TARGET GROUP

Civil Engineers, Architects, Designers, Consultants, Builders, Developers, Contractors engaged in Building Construction, Supervisors, Quality Control personnel

COURSE OBJECTIVES

- To provide advancements in water proofing and damp proofing system
- To acquaint the participants with performance and evaluation of water proofing and damp proofing
- To assist the participants to know various water proofing products & systems

COURSE COVERAGE

- Fundamentals of Concrete Technology related to Water Proofing
- Good Construction Practices for Water Proofing
- Principles and Mechanism of Water Proofing
- Water Proofing below grade Bsement, swimming pools - underground metros, tunnels etc.
- Injection Grouting, Joint fillers, Insulations
- Water Proofing of Monumental Area and Heritage Structures
- Standards on Water Proofing
- Water Proofing above grades, DPC, Walls
- Water Proofing of wet areas in buildings
- Roof Water Proofing - Philosophy, Materials, Methods and Efficacy

Duration : 2 days
Dates : 25 - 26 May, 2006
Venue : Pune
Course Fee : Rs. 4000

Two Days Training Programme on

Use of Chemical and Mineral Admixtures for Concrete Construction

April 27 - 28, 2006
(Non Residential)

at
G-Wing, Nirman Bhawan
New Delhi - 110 011
Tel: 24638096, 23063367; 2465 2416 (Dir)

Organised by

Building Materials & Technology Promotion Council
Ministry of Urban Employment & Poverty Alleviation
Government of India

BACKGROUND

Admixtures are ingredients other than water, aggregates, hydraulic cement, and fibres that are added to the concrete batch immediately before or during mixing. A proper use of admixtures offers certain beneficial effects to concrete, including improved quality, acceleration or retardation of setting time, enhanced frost and sulfate resistance, control of strength development, improved workability, and enhanced finishability.

Admixtures vary widely in chemical composition, and many perform more than one function. Two basic types of admixtures are available: chemical and mineral. All admixtures to be used in concrete construction should meet specifications; tests should be made to evaluate how the admixture will affect the properties of the concrete to be made with the specified job materials, under the anticipated ambient conditions, and by the anticipated construction procedures.

Mineral admixtures (flyash, silica fume, slags, etc.) are usually added to concrete in appropriate amounts to enhance the workability of fresh concrete; to improve resistance of concrete to thermal cracking, alkali-aggregate expansion, and sulfate attack; and to enable a reduction in cement content. Chemical admixtures are added to concrete in very small amounts mainly for the entrainment of air, reduction of w/c ratio, plasticization of fresh concrete mixtures, or control of setting time.

This training programme is being organized to brush up the knowledge of construction professionals with the aim of facilitating quality construction.

TOPICS

- Requirements of Durable Concrete
- Cement – Properties and Applications
- Fundamentals of chemical admixtures
- Compatibility of Admixtures and Concrete
- Mineral Admixtures – their characteristic use in concrete
- High Performance Concrete
- Self compacting concrete – Role of Admixture
- Use of Admixtures for repair and restoration

FACULTY

- Dr. K.C. Narang
  Executive Director, Dalmia Cements (Bharat), New Delhi
- Shri Samir Surlaker
  Expert - Water Proofing & Construction Chemicals, Mumbai
- Shri Murari Ratnam
  Joint Director, Central Soil and Materials Research Station (CSMRS), New Delhi.
- Dr. A.K. Mullick
  Former Director General, Natinal Council for Cement & Building Materials (NCCBM), New Delhi
- Shri S.B. Suri
  Ex- Director, Central Soil and Materials Research Station (CSMRS), New Delhi.
- Prof. B. Bhattacharjee
  Civil Engineering Department, IIT Delhi, New Delhi.
- Shri J.K.Prasad
  Chief - Building Materials, Building Materials & Technology Pomotion Council (BMTPC), New Delhi

REGISTRATION FEES

Interested participant / companies may complete and return the attached Registration form along with **Registration Fee of Rs. 4,000/- per delegate.** Photocopies of the form may be used. The Course fee includes Training materials, Kit, Lunch, Refreshments.

Concession

10% concession will be given if an organization nominates 3 or more participants.

Interested participants/companies may complete and return the attached registration form along with requisite course fee in the form of Cash/Demand Draft/ Bankers Cheque drawn in favour of **"Building Materials & Technology Promotion Council" payable at New Delhi.**

TARGET GROUP

All those connected with Construction Industry, viz.

- Civil Engineers
- Consultants
- Builders
- Developers
- Architects
- Construction Managers
- Supervisors
- Contractors
- Quality Control and laboratory personnel
- NGO's

SPONSORSHIP

Builders, Developers, Public and Private sector organisations are requested to come forward and sponsor three day Training Programme.