

FUNDEMENTALS OF CONCRETE AND CONCRETE TESTING

A customized training program developed especially for industry personnel who need fundamental yet practical concrete knowledge.

13-14 March 2018

ASHGHAL TRAINING CENTER
NEJMA DISTRICT – Doha, Qatar

In Collaboration with



PART OF A SERIES OF TRAININGS RELATED TO CONCRETE
FUNDEMENTALS, PROPERTIES, TESTING AND DURABILITY

Presented by:
Dr. Anthony Bentivegna
Laboratory Manager, Materials Laboratory Services
CTL Group - USA

COURSE PROGRAM



Day 1

Fundamentals of Concrete

- Material Selection
- Fresh & Hardened Concrete Properties

Materials

- Portland Cement
- Supplementary Cementing Materials
- Aggregates
- Admixture

Laboratory Exercise

- Use of Chemical Admixtures
- Use of Supplementary Cementitious Materials

Placing/Curing of Concrete

- Delivery Considerations
- Placing Equipment
- Vibration & Consolidation
- Hot Weathering Concrete



Day 2

WHO SHOULD ATTEND

- Government Officials
- Engineers
- Consultants
- Design Professionals
- Main Contractors
- Specialized Contractors
- Construction Supervisors
- QA/QC Inspectors

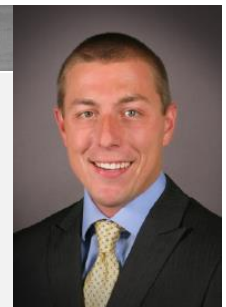


- Design, prepare and test concrete mixtures
- Observe first-hand how chemical admixtures and SCMs are used to enhance concrete proportions
- Discover how construction practices and weather impact concrete strength & durability

LECTURER

Dr. Bentivegna specializes in the characterization and implementation of cementitious materials and the mitigation of premature deterioration due to concrete durability problems. Additionally, he is an expert in the investigation and mitigation of structures affected by alkali-silica reaction (ASR)

Dr. Anthony Bentivegna and a senior technician from CTLGroup-USA will work with course participants in practicing the ASTM test methods. They will demonstrate the test methods and review the procedures with participants. Each participant will be familiar with the test methods and have an opportunity to demonstrate the procedures.



Organized by



A 3rd party testing laboratory and specialty testing firm that provide various services and solutions related to engineering and material science.

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CTLGroup-Qatar Affiliations & Accreditations



COURSE FEES

- ❑ 1 Attendee: 4,000 QAR / person
- ❑ 2 Attendees: 3,750 QAR / person
- ❑ 3 or more Attendees: 3,500 QAR / person

Cost includes class and hands-on training, handouts, lunch and certificate from ASTM

COURSE VENUE

ASHGHAL Training Center
Najma Street (Najma District)
Doha – State of Qatar

CONTACT US



For more information about the course

Email: events@ctlgroupqatar.com
Phone: **+974 – 4037 0130**
Mobile: **+974 – 5589 1624**
Website: www.ctlgroupqatar.com/events

REGISTRATION & PAYMENT

If you are interested in attending this 2-day training program, please log to www.ctlgroupqatar.com/events and register the below details

Full Name _____
Company _____
Job Title _____
Address _____
Tel: _____
Mobile: _____
Email: _____

After you had completed your online registration, please wire-transfer the course fees to below bank account and email a copy of the transfer to us (Only wire transfers are accepted)

Name **CONSTRUCTION TECHNOLOGY LAB GROUP**
Bank: **THE COMMERCIAL BANK OF QATAR (Q.S.C)**
Bank A/C no. **4570 477376 001**
Bank Address **P.O.Box 3232, Doha, State of Qatar**
IBAN **QA14 CBQA 0000 0000 4570 4773 7600 1**
Swift Code **CBQAQQAQ**
Currency **Qatari Riyals**

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