FRESH & HARDENED CONCRETE SAMPLING & TESTING

Hands-on Training Program that aims to review and demonstrate ASTM Standards related to Field Concrete Testing

22 - 23 April 2019

ASHGHAL TRAINING CENTER
NEJMA DISTRICT – Doha, Qatar

In Collaboration with

ASTM INTERNATIONAL

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CTL GROUP

Presented by:
Mr. Michael Caldarone
Principal Engineer, Concrete & Cementitious-based Materials Group
CTL Group - USA

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

Accredited by American Society for Testing & Materials (ASTM)

COURSE PROGRAM

Fresh Concrete Testing

- ASTM C172 - Standard Practice for Sampling Freshly Mixed Concrete
- ASTM C138 - Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
- ASTM C143 - Standard Test Method for Slump of Hydraulic-Cement Concrete
- ASTM C173 - Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
- ASTM C231 - Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
- ASTM C1064 - Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
- ASTM C31 - Standard Practice for Making and Curing Concrete Test Specimens in the Field

Hardened Concrete Testing

- ASTM C39 - Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
- ASTM C42 - Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete

LECTURER

Mr. Caldarone is a Principal Engineer in the Concrete & Cement-Based Materials Group. His services include providing professional consultation related to specifications, concrete and other cement-based mixture development, material-related forensic investigations, a long history of litigation support and expert witness testimony, and mentoring

His career experience includes the manufacturing of portland cement precast, pre-stressed and ready-mixed concrete. He has strong experience in chemical admixture technologies, the manufacturing, distribution and use of all mainstream mineral admixtures for concrete. His other areas of expertise include very strong emphasis in high-strength and high performance concrete, mass concrete, underwater-placed concrete, durability engineering of both new and existing concrete structures, and development of concretes to meet specific performance criteria.

WHO SHOULD ATTEND

The course is designed for supervisors, engineers and technicians looking for hands-on training for testing of concrete. Interested attendees may be personnel working with

- Laboratories
- Ready-mixed Concrete Producers
- Cement Manufacturers
- Precast Concrete Producers
- Contractors

Organized by

CTL GROUP QATAR

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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QCTC Qatar Construction Technique Company

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COURSE FEES

- ❑ 1 Attendee: 3,500 QAR / person
- ❑ 2 Attendees: 3,250 QAR / person
- ❑ 3 or more Attendees: 3,000 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	**CBQAQAQA**
Currency	**Qatari Riyals**

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