

# Concrete Strength Training

ACI Training Seminars



## ONE DAY PROGRAM FOR UP TO 10 PARTICIPANTS

This training program provides a classroom review and hands on demonstration of various procedures, test methods, and equipment required to be able to properly perform multiple tests on hardened concrete cylinder and beam specimens. Focus will be on methodology and understanding the results of each test.

### Program Content:

#### Testing

Why do we test? What can we test? When do we test?  
How do we test?

#### Fundamentals of Concrete Strength Testing

Classroom and Laboratory hands-on training; Best practices and tips; How to interpret the results and identify common errors

#### Use, Maintenance, and Calibration of Equipment

How to properly use equipment; How to maintain and routinely calibrate equipment

#### ASTM Standards

These test methods will be included in the classroom and the hands-on training in the laboratory:

- ASTM C617 – Capping Cylindrical Concrete Specimens
- ASTM C1231 – Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders
- ASTM C78 – Flexural Strength of Concrete Using Simple Beam with Third Point Loading

**Who should attend:** Staff at Testing Laboratories and Ready Mix Concrete Batch facilities who routinely test concrete specimens, including laboratory staff, project managers, Code Enforcement officials, City inspectors, or anyone interested in how to properly test aggregates for use in concrete.

#### Cost

This training program is offered for \$329 and includes Program binder for best practices and Study guide for Concrete Strength.

#### Instructors:

**Michael Morrison**, Manager, Certification Program Development, has over 35 years of experience in the cement and concrete industry.

**Rusty Owings**, Resource Center Manager, has over 20 years of experience in the design and construction industry.

*This is a training session ONLY and ACI certification is NOT part of this program.*



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