

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

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

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.

Interested? Contact your regional ACI Resource Center to set up your training!

For more information or to set your training dates, contact an ACI Resource Center near you:

[ACI Southern California Resource Center](#)

Call 248-516-1111 or

E-mail socal.resourcecenter@concrete.org

[ACI Chicago/Midwest Resource Center](#)

Call 248-516-1112 or

E-mail midwest.resourcecenter@concrete.org

[ACI Mid-Atlantic Resource Center](#)

Call 248-516-1113 or

E-mail midatlantic.resourcecenter@concrete.org



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