

Training for Concrete Field Technician – Grade 1

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 standard tests on plastic concrete in the field. 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 Determining Fresh Concrete Properties

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 & Specifications

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

- ASTM C1064 – Temperature of Concrete
- ASTM C172 – Sampling Freshly Mixed Concrete per
- ASTM C143 – Slump of Hydraulic Cement Concrete per
- ASTM C138 – Density, Yield, and Air Content of Concrete
- ASTM C231 – Air Content of Concrete by Pressure Method
- ASTM C173 – Air Content of Concrete by Volumetric Method
- ASTM C31 – Making and Curing Concrete Test Specimens

Who should attend: Staff at Testing Laboratories, General Contractors, and Ready-Mix Concrete Batch facilities who routinely test concrete on the job site, including laboratory staff, QA/QC Supervisors, project managers, Code Enforcement officials, City inspectors, or anyone interested in how to properly test concrete in the field.

Cost

This training program is offered for \$329 and includes the ACI CP-1 study guide and workbook.

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

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



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