

# 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 \$199 and includes the ACI CP-1 study guide and workbook.

#### 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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