

Nondestructive Testing Specialist I Concrete Strength



ONE DAY PROGRAM FOR UP TO 8 PARTICIPANTS

This training program includes classroom review and hands-on demonstration of multiple procedures, test methods, and equipment required to be able to properly perform various nondestructive tests to estimate in-place concrete strength. The instructors will focus on methodology, equipment limitations and understanding the results of each test.

Cost - This training program is offered for \$549 per person and includes the NDT Program workbook which outlines the test methods, best practices and tips and is the study guide for the Nondestructive Testing Specialist I – Concrete Strength certification program.

Who should attend: Engineers, Project Managers, Field Technicians, NDE Practitioners or anyone interested in how to properly estimate in-place concrete strength using nondestructive methods for diagnostic, testing, monitoring or condition survey of concrete structures.

Program Content:

Testing

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

Fundamentals of Nondestructive 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 C597 – Standard Test Method for Pulse Velocity Through Concrete
- ASTM C803 – Standard Test Method for Penetration Resistance of Hardened Concrete

- ASTM C805 – Standard Test Method for Rebound Number of Hardened Concrete
- ASTM C873 – Standard Test Method for Compressive Strength of Concrete Cylinders Cast In Place in Cylindrical Molds
- ASTM C900 – Standard Test Method for Pullout Strength of Hardened Concrete
- ASTM C1074 – Standard Practice for Estimating Concrete Strength by Maturity Method

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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