Introduction to Aggregate Testing

Program Content:

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

**Fundamentals of Aggregate 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 hands-on laboratory training:
- AASHTO T2/ASTM D75 – Sampling of Aggregates
- AASHTO R76/ASTM C702 – Reducing Samples
- AASHTO T11/ASTM C117 – Materials Finer than 75-um
- AASHTO T27/ASTM C136 – Sieve Analysis
- AASHTO T85/ASTM C127 – Absorption (Coarse aggregate)
- AASHTO T84-ASTM C128 – Absorption (Fine Aggregate)
- AASHTO T255/ASTM C566 – Moisture Content
- AASHTO T 21/ASTM C40 – Organic Impurities

These additional standards and specifications will be discussed:
- ASTM C33 – Standard Specification for Concrete Aggregates
- ASTM C88 – Soundness of Aggregates
- ASTM C131 – LA Abrasion

**Who should attend:** Staff from Testing Laboratories, Aggregate Quarries/Mining/Dredging facilities, Ready Mix Concrete Batch facilities, Pre-Cast Concrete plants, who routinely conduct aggregate testing including laboratory staff, project managers, Department of Transportation inspectors, or anyone interested in how to properly test aggregates for use in concrete.

**Cost**
This training program is offered for $329 and includes the Program binder for best practices and Study guide for Aggregate Testing Technician Level 1.

**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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