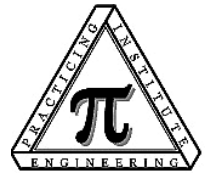




ATLANTIC TESTING LABORATORIES

Seminars



Building Code of New York State - Special Inspection Services

Overview of the changes in the Building Code of NYS. Chapter 17, Structural Tests and Special Inspections, and related chapters, outline the provisions that govern the quality, workmanship, and requirements for materials covered. Seminar specifically focuses on soil, masonry, concrete, structural steel, fireproofing, and geotechnical engineering. (1 PDH)

Pile Testing

Explanation of what Dynamic Pile Testing (DPT) offers and how it compares with a static load test. The presentation specifically covers how and why DPT is performed; dynamic formulas and wave equation, advantages and disadvantages, pile integrity testing, cross-hole analyzer, considerations when specifying pile testing; and what to expect from the test results. (1 PDH)

Construction Vibrations

Overview of vibration basics, ground motion, peak particle velocity, and the significance of frequency. Review of NYSDOT requirements, portable seismograph equipment, and key elements of vibration monitoring specifications. (1 PDH)

Subsurface Investigation and Geotechnical Evaluation

Boring log and subsurface investigation methodologies; basic understanding of how data is obtained, soil classifications, engineering properties of soil, and bearing capacities. (1 PDH)

Hot Mix Asphalt - Volumetrics

Explains the differences between volumetric and non-volumetric mixes; discussion on how each type of mix is evaluated; and problems associated with improper evaluation. (1 PDH)

Asbestos / Lead / Mold

Overview of Asbestos and the Revised Industrial Code Rule 56; Lead - Concerns for the Design Professional; Mold - Standards/Guidelines Control Methods. (1 PDH)

Hazardous Materials Surveys and Polychlorinated Biphenyls (PCB) in

Overview of Hazardous Materials Surveys, what they identify, and why they are important; and a basic introduction to PCBs, management of PCBs in building materials, and the hazards that may be posed by their presence. (1 PDH)

Construction Materials Engineering and Testing

Overview of basic construction materials field and laboratory testing processes, as well as the difference between basic CMET testing and special inspections in the NYS Building Code. (1 PDH)

Each seminar is one-hour and is given at your office. Seminars are approved for one Professional Development Hour (PDH) for PEs in attendance. For architects, we issue a certificate of course completion to be processed with the American Institute of Architects (AIA) structured self-reported paperwork for architects to receive a learning unit (LU).

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