



POST-TENSIONING INSTITUTE

Post-Tensioning Institute

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In control through certification...

Benefits of Certification

Quality of materials and workmanship are critical to the performance of post-tensioning. Individuals who complete this training will have a sound working knowledge of all aspects of installation and inspection of all multistrand post-tensioning systems that will benefit them and their employers in many ways, including:

- Durability of PT construction
- Improved productivity
- Enhanced safety
- Code & specification compliance
- Risk reduction
- Improved profitability & competitiveness
- Professional development (18 PDH)*
- Better value for the owner

Certification Requirements

Level 1 Multistrand & Grouted PT Installation

- Workshop attendance, all 3 days
- Exam minimum score: 70%
- Field work experience: None

Level 2 Multistrand & Grouted PT Field Specialist

- Workshop attendance, all 3 days
- Exam minimum score: 80%
- Field work experience: Total 1500 hours of which min. 250 in installation, and 250 in stressing, and 250 in grouting

PTI Certification Workshop: Level 1 & 2 Multistrand & Grouted PT Specialist

This 3-day workshop is specifically aimed at field personnel involved in the installation, stressing, grouting, and supervision, of multistrand and bar post-tensioning systems used in bridge and building construction.

Upcoming workshops: (Check www.post-tensioning.org for updates)

Description: 3 days, 8:00 a.m. to 4:30 p.m. (lunch provided)

Workshop Schedule:

Day 1—Registration: 7:45 a.m. - 8:00 a.m.; Class: 8:00 a.m. - 4:30 p.m.

Day 2—Class: 8:00 a.m. - 1:30 p.m.; Field demo: 2:00 p.m. - 4:30 p.m.

Day 3—Class: 8:00 a.m. - 2:00 p.m.; Exam: 2:00 p.m. - 4:00 p.m.

Workshop topics:

- Introduction to post-tensioning
- PT systems materials and components
- Material properties and testing
- Installation
- Tendon stressing operations
- Grouting, including latest updates to the "PTI Specification for Grouting of Post-Tensioned Structures"
- Construction documents
- Corrosion protection of tendons
- Safety
- Troubleshooting
- Field demonstrations (half day)
- Certification exam

Who should attend: Contractors, installers, inspectors, engineers, DOT personnel, etc.

About the workshop: PTI invites you to increase your skill set and knowledge related to the installation, stressing, grouting, and inspection of grouted PT systems used in structural concrete applications. The intensive training course covers the installation of various types of duct systems, methods for installation of prestressing steel (including strand and bar), stressing equipment operation procedures, as well as grouting techniques and operation of grouting equipment.

As post-tensioning is increasingly recognized as the preferred method, owners and engineers are insisting that their projects meet the current industry standards for quality construction. To ensure this, major specifications are requiring personnel certification for PT field operations. Contractors are also finding that having certified personnel results in fewer problems, fewer errors, and more efficient and cost-effective operations

*It is the responsibility of the attendee to verify the PDH contract hours earned in this workshop meet the requirements of the state board of professional licensure for continuing education credits.

