



**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 2 Multistrand PT Field Specialist

- Prerequisite: None
- Exam minimum score: 80%
- Work experience: 1500 hours in Multistrand PT—500 placing + 500 stressing + 500 grouting

Level 1 Multistrand PT Installation

- Prerequisite: None
- Exam minimum score: 70%
- Work experience: None

**PTI Certification Workshop: Level 1 & 2
Multistrand PT Field Specialist**

This 3-day workshop is specifically aimed at field personnel involved in the installation, stressing, grouting, supervision and inspection of multistrand 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:

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

