

Post-Tensioning Institute

38800 Country Club Drive

Farmington Hills, MI 48331

Phone: (248) 848-3180

Fax: (248) 848-3181

Web: www.post-tensioning.org



In control through certification...

Benefits of Certification

Quality of materials and workmanship are critical to the performance of grouted post-tensioning. Individuals who complete this training will have a sound working knowledge of all aspects of installation and inspection or all grouted 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*
- Better value for the owner

Certification Requirements

Level 2 Bonded PT – Field Specialist

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

Level 1 Bonded PT – Field Installation

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

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

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

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

Description: 3 days, 8:00 a.m. to 5:00 p.m. (lunch provided)

Workshop Schedule:

Day 1—Registration: 8:00 a.m. - 8:30 a.m.; Class: 8:30 a.m. - 5:00 p.m.

Day 2—Class: 8:00 a.m. - 1:00 p.m.; Field demos: 1:00 p.m. - 5:00 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-tensioned concrete 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 that the PDH contact hours earned in this workshop meet the requirements of the state board of professional licensure for continuing education credits.

