

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 long-term durability and performance of post-tensioning. Individuals who complete this training will have a sound working knowledge of post-tensioning installation and inspection that will benefit them and their employers in many ways, including:

- Durability of PT construction
- Improved productivity
- Enhanced safety
- Risk reduction
- Code and specification compliance
- Improved profitability and competitiveness
- Professional development (earn 12 PDH/1.2 CEUs upon completion of the workshop*)
- Better value for the owner

Code and Specification Compliance

The International Building Code incorporates ACI 318, "Building Code Requirements for Structural Concrete," which requires that post-tensioning installation be performed by individuals **certified** by an independent training and certification program; PTI-certified field personnel have been shown to meet this requirement.

Certification Requirements

Level 2 Unbonded PT Ironworker

- Prerequisite: 2000 hours in the last 5 years (min. 100 hours of stressing) or 4000 hours total (min. 200 hours of stressing) on superstructure PT jobs
- Exam minimum score: 80%
- Work experience: See prerequisite

Level 1 Unbonded PT – Field Installation

- Prerequisite: 2000 hours in the last 5 years (min. 100 hours of stressing) or 4000 hours total (min. 200 hours of stressing) on superstructure PT jobs
- Exam minimum score: 70%
- Work experience: See prerequisite

PTI Certification Workshop: Accelerated Level 1&2 Unbonded PT Ironworker

This accelerated program is an intensive and comprehensive 2-1/2 day workshop designed specifically for personnel with extensive field experience. It extends the knowledge and capabilities of the field personnel in all unbonded PT applications. Hands-on training is included and it requires the student to demonstrate a proficiency of the necessary skills for working with single strand unbonded post-tensioning systems.

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

Description: 2 days, 8:00 a.m. to 4:30 p.m. (lunch provided);
third day: Exam – 8:00 to 10:00 a.m.

Topics covered include:

- PT principles and systems
- Properties of prestressing steel
- Reading of construction documents
- Installation techniques
- Tendon stressing operations
- Inspection
- Troubleshooting
- Encapsulation
- Barrier cable installation
- Tendon finishing

Who should attend: This training can only be attended by installers, supervisors, or other personnel with extensive proven experience in installing unbonded post-tensioning systems.

About our instructors: Workshops are presented by instructors with extensive experience in post-tensioning inspection and engineering. Their knowledge of real-world principles and challenges provides attendees with an in-depth understanding of proper post-tensioning practices.

Note: Level 1 Unbonded PT – Field Installation is **not** a prerequisite for this course.

*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.

