

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 Installation/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
- 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.

Complete this form and submit with payment to:

Registration Form

Level 1 & 2: Bonded PT – Field Installation/Field Specialist



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Note: Course content is pertinent to all types of bonded post-tensioning construction, including bridges as well as building structures. PTI's training workshops feature presentations, group discussions, and field demos that allow participants to gain insight into the specific aspects of construction. Certification exams are administered at the completion of the classes. Applicants must attend all training sessions to be eligible to take the certification exam. Certification is valid for 4 years from the date of the workshop and can be renewed by passing an online exam. **Workshop manuals are sent to applicants in advance and applicants are encouraged to read the manual prior to the workshop.**

The workshop registration fee includes student manual, lunch, and refreshments each day. Registration does not include the cost of travel or hotel lodging; participants must make their own arrangements. **PTI members receive a discounted price, as shown below.** Late registration (within 7 days of the workshop) will incur an additional US\$25 fee to cover the cost of expedited delivery.

Registration information:

Company name _____ Workshop location/date _____

Street address _____ City, State _____

Zip code _____ Phone _____ Fax _____

E-mail address _____

Names of attendees _____

Payment information:

Please check all that apply.

_____ PTI Member/Gov't transportation officials
workshop registration: \$550.00 U.S.

_____ Nonmember workshop
registration: \$675.00 U.S.

_____ Additional late registration fee: \$25.00 U.S.

Total amount enclosed: _____

Payment method: _____ Check (on U.S. Bank) _____ Credit card (circle one)
Visa MasterCard American Express Discover

Cardholder name: _____

Billing address: _____ City, State _____ Zip _____

Credit card #: _____ Exp. date _____

Signature: _____

Refund Policy: PTI will refund registration fees if cancelled in advance of the workshop as follows: 100% of the fees will be refunded for requests made more than 21 days in advance of the workshop; the fee less an \$85 U.S. cancellation charge will be refunded for requests made 8 to 21 days in advance; and no refunds will be issued for requests made within 7 days of the workshop.