



## POST-TENSIONING INSTITUTE

### Post-Tensioning Institute

38800 Country Club Drive

Farmington Hills, MI 48331

Phone: (248) 848-3180

Fax: (248) 848-3181

Web: [www.post-tensioning.org](http://www.post-tensioning.org)

### 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 and Grouted PT Installation

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

#### Level 2 Multistrand and Grouted PT Field Specialist

- Workshop attendance, all 3 days
- Exam minimum score: 80%
- Field work experience: 1500 hours installation or continuous inspection of grouted PT (500 placing + 500 stressing + 500 grouting)



***In control through certification...***

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

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

**Upcoming workshops:** (Check [www.post-tensioning.org](http://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                                                                         | • 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.

Complete this form and submit with payment to:

## REGISTRATION FORM



### Level 1 & 2: Multistrand and Grouted PT Specialist

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**Note:** Course content is pertinent to all types of multistrand and grouted 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 all three days. It does not include the cost of travel or hotel lodging; participants must make their own arrangements. **PTI members and advanced registrations take advantage of discounted prices, as shown below.**

#### 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.

Check one	Registration fee for	Advance fee (paid at least 30 days before workshop)	Regular fee
<input type="checkbox"/>	PTI member/Gov't transportation officials	\$620.00	\$670.00
<input type="checkbox"/>	PTI nonmember	\$750.00	\$800.00

**Note:** For registrations 7 days or closer to the workshop, a \$75 administrative surcharge will be added

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 \_\_\_\_\_ CCV \_\_\_\_\_

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 US\$85 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.