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

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

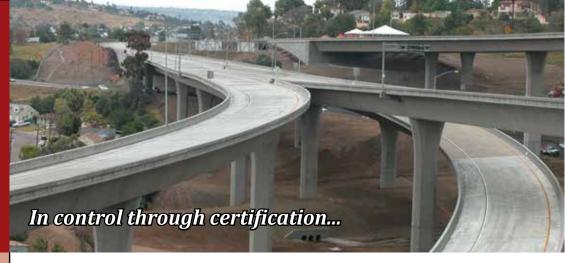
Certification Requirements

<u>Level 1 Multistrand and Grouted</u> <u>PT Installation</u>

- 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 continous inspection of
 grouted PT (500 placing +
 500 stressing + 500 grouting)



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 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
- 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

 $\textbf{Who should attend:} \ Contractors, installers, inspectors, engineers, DOT\ personnel, etc.$

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.

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**.

Registrat	ion information:			
Company name			Workshop location/date	
Street address		City, State		
Zip code _	Phone	Fa	x	
E-mail add	ress			
Names of	attendees			
•	information: eck all that apply.			
Check one	Advance fee Registration fee for (paid at least 30 days before work			
one	Registration lee for	(paia at least 30 days b	efore workshop)	Regular fee
one	PTI member/Gov't transportation officials	\$620.00	• 1	\$670.00
one		•)	
	PTI member/Gov't transportation officials	\$620.00 \$750.00)	\$670.00
Note: For	PTI member/Gov't transportation officials PTI nonmember	\$620.00 \$750.00)	\$670.00
Note: For	PTI member/Gov't transportation officials PTI nonmember registrations 7 days or closer to the workshout enclosed:	\$620.00 \$750.00	narge will be added	\$670.00
Note: For Total amou	PTI member/Gov't transportation officials PTI nonmember registrations 7 days or closer to the workshout enclosed:	\$620.00 \$750.00 p, a \$75 administrative surch Credit card (circle one Visa MasterCard	narge will be added American Express	\$670.00 \$800.00
Note: For Total amou Payment n	PTI member/Gov't transportation officials PTI nonmember registrations 7 days or closer to the workshount enclosed: Check (on U.S. Bank)	\$620.00 \$750.00 p, a \$75 administrative surch Credit card (circle one Visa MasterCard	narge will be added American Express	\$670.00 \$800.00

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.

Credit card #_____ Exp. date _____ CCV_____