

FUNDAMENTALS OF POST-TENSIONING FOR BUILDING STRUCTURES

THIS SEMINAR provides attendees with an understanding of post-tensioning (PT) systems, post-tensioning design and analysis, and construction considerations. Durability aspects of present PT systems, key design concepts, code requirements, and practical design and construction tips will be discussed.

This seminar is designed for individuals with little or no experience in PT design.

A half-day seminar (4 PDH/0.4 CEU credits)

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POST-TENSIONING INSTITUTE
Stressing the Stronger Concrete Solution™

SEMINAR HIGHLIGHTS INCLUDE:

- **Post-Tensioning Technology:** Materials, fabrication, installation considerations, common systems, and applicable specifications.
- **Design & Analysis:** Key concepts such as load balancing, secondary moments, prestress losses, and applicable code requirements and their impact on design.
- **Applications:** Project examples to illustrate various uses of PT in buildings, tendon arrangement in common floor systems, use of external PT in the retrofit of existing structures, and facts and myths about post-tensioned structural members as compared to reinforced concrete members.
- **Construction:** Installation considerations, issues related to drawing review, inspection, interaction with other trades, various structural element interaction, and construction/coordination issues.

WHO SHOULD ATTEND:

- Engineers
- Designers / Architects
- Building Officials
- Plan Checkers
- Code Specifiers
- Project Managers
- Contractors and Installers
- Inspectors
- Students
- Others involved in PT

SCHEDULE:

Registration: 7:30 a.m.—8:00 a.m./Seminar: 8:00 a.m.—12:00 p.m.



