

ACI 318-25: Changes to the Concrete Design Standard

In-House Seminar

ONE DAY, 7.5 HOURS (7.5 PDHs/0.75 CEUs)

Who should attend: Structural engineers, specifiers, building officials, contractors, architects, and inspectors interested in quickly understanding how the code has been reorganized and how to quickly find provisions of interest.

Program Content:

All major changes in this edition of the code will be presented and discussed. This includes major changes centered around the topics of the addition of post-installed reinforcing bars, anchorage of closely spaced bars, clarified and updated one-way shear provisions, clarified and expanded seismic requirements, the new sustainability and resilience appendix, the new performance-based wind design appendix and numerous other changes.

The new organization of the code started in the 2014 edition and additional enhancements to the code will be presented. These assist the designer in quickly locating the provisions they need and help assure users they are meeting all the code requirements.

Seminar Highlights:

- Revisions, clarifications, and added efficiencies to one-way shear equations
- Provisions governing sustainability and resilience
- Provisions to allow headed bars for shear reinforcement
- Provisions governing performance-based-wind design
- New provisions regarding anchorage of closely spaced groups of reinforcing bars
- Addition of references to other ACI Codes, ACI/PCI CODE-319, ACI/PTI CODE-320, and ACI CODE-440.11 for GFRP bars
- Complete inclusion of provisions for deep foundations
- New mechanical splice requirements
- Revised seismic design and detailing requirements
- Numerous other refinements and changes

Learning Objectives:

- Understand new requirements for post-installed reinforcing bar.
- Identify clarifications to one-way shear provisions.
- Explain newly clarified anchor reinforcement provisions.
- Learn about the new appendices for sustainability and resilience and performance-based wind design.
- Describe requirements for closely-spaced groups of reinforcing bars.
- Identify new seismic analysis and detailing requirements.

Instructors:

Two industry experts will present this seminar.

Related Documents:

To expand attendees knowledge, ACI In-House Seminar customers may purchase multiple copies of related documents at 50% off the regular price.

- ACI CODE-318-25: Building Code for Structural Concrete—Code Requirements and Commentary

Up to 40 copies of the presentation slides included. Additional copies can be purchased.

ACI is an approved education provider for AIA and ICC.



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