

ACI Releases ACI CODE-318-25

ACI released the 2025 edition of its flagship document, ACI CODE-318-25: Building Code for Structural Concrete—Code Requirements and Commentary. This updated edition is now available to ACI 318 PLUS platform subscribers and will be offered for purchase in print and digital formats through the ACI Store in early Spring 2025.

ACI CODE-318-25 remains the definitive resource for the materials, design, and detailing requirements of structural concrete buildings and nonbuilding structures. Developed through an extensive consensus process, the document addresses all major structural systems, including cast-in-place, precast, shotcrete, plain, nonprestressed, prestressed, and composite construction.

This latest edition introduces significant updates, including a new sustainability appendix, revised requirements for post-installed reinforcing bars, and enhanced provisions for shear friction. Additional updates include improvements to deep foundation requirements across all seismic design categories and clarified guidelines for cantilever and basement wall shear design.

The document also features numerous advancements in seismic design provisions, the addition of a performance-based wind design appendix, and modifications to development length equations. Enhanced language on the development, embedment, and anchorage of reinforcement, as well as new strength reduction factors for breakout failure, are also included, along with updated guidance for developing closely spaced bars in tension.

The comprehensive and user-friendly format of ACI CODE-318-25 ensures it remains indispensable for professionals in the concrete industry. Designed for adoption by reference in general building codes, the document allows seamless integration without altering its language. The accompanying Commentary continues to provide detailed explanations and recommendations to facilitate the application of the Code's provisions.

ACI CODE-318-25 will be available in multiple languages and units of measure to accommodate a global audience. Current ACI 318 PLUS subscribers will automatically receive access to the document upon its release, further enhancing their subscription benefits.

ACI 318 PLUS is an interactive digital subscription platform that offers users convenient digital interactive access to ACI CODE-318-25 and ACI CODE-318-19 along with in-document access to related resources, robust digital notetaking, and enhanced search.

ACI 318 PLUS also includes digital interactive access to the *ACI Detailing Manual* and the *ACI Reinforced Concrete Design Handbook*. This includes functionality allowing

subscribers to make digital notes alongside ACI CODE-318 provisions and commentary.

ACI 318 PLUS is continually updated as new resources and references become available, ensuring users always have access to the latest tools and advancements in structural concrete design.

For more information about ACI 318 PLUS and to purchase the newest edition, visit www.concrete.org/ACI318PLUS.

ACI Joins the National Concrete Bridge Council

ACI announced its membership of the National Concrete Bridge Council (NCBC). This membership, which was approved recently by NCBC, aligns with ACI's mission to foster global advancement in concrete technology and professional standards. Approval of ACI's application will solidify a new alliance aimed at enhancing the concrete bridge industry.

ACI is a leading global organization dedicated to advancing concrete knowledge. Through its educational programs, technical certifications, and global standards development, ACI serves a wide range of professionals in the concrete industry, including engineers, contractors, and researchers. As part of its strategic plan, ACI is committed to building meaningful collaborations, and membership in the NCBC presents a valuable opportunity to enhance its influence in the concrete bridge sector.

The NCBC represents a coalition of concrete industry organizations and advocates for the use of concrete in bridge construction. The Council focuses on promoting quality, sustainability, and innovation in concrete bridge design, construction, and maintenance. By joining the NCBC, ACI aims to contribute its technical expertise and resources to further the Council's efforts to advance concrete bridges as a durable, long-lasting solution for public infrastructure.

For more information about NCBC, visit <https://nationalconcretebridge.org>.

Registration Now Open for the ACI Foundation 2025 Concrete Innovation Forum

The ACI Foundation announced the opening of registration for the 2025 Concrete Innovation Forum, formerly known as the Technology Forum. Scheduled from August 12-14, 2025, at the Hotel Clio, in Denver, CO, USA, this event is a gathering for inventors, early adopters, and other professionals within the concrete industry.

Attendees are invited to listen to stories of those who have invented and launched a new product, method, or design. Come learn about the best practices to bring something new to

the concrete market. Speakers will share the latest advancements, emerging technologies, and innovative products shaping the future of concrete. The event is limited to 100 attendees to allow a unique platform for direct engagement between thought leaders, innovators, executive leadership, regulatory bodies, and forum attendees.

Organized by the ACI Foundation's Concrete Innovation Council (CIC), the forum is designed to foster education and networking. Concrete professionals eager to enhance their knowledge have ample opportunities to expand their professional networks. The CIC strives to collaborate with the broader concrete community, encouraging the development and support of new and existing technologies.

The 2025 agenda will highlight case studies on innovative structural designs, technology showcases of new materials, and the roles of national agencies in using and championing innovations. Discussions on best practices for design phase collaboration and tools to lower embodied carbon in concrete will take place, as well as a series of technology snapshot presentations on innovations and opportunities to use nonmetallics in concrete. Attendees will gain insights from leading experts through case studies and discussions on available standards for new materials.

To view the full agenda and register for this annual event, visit www.acifoundation.org/technology/forums.

PTI Announces New Code and Certification Program

The Post-Tensioning Institute (PTI) highlighted the release of ACI-PTI CODE-320-25: Post-Tensioned Structural Concrete—Code Requirements and Commentary, as well as a new certification program for multistrand and bar post-tensioning systems.

ACI-PTI CODE-320-25 is scheduled for release in early 2025. This new version represents the joint efforts of PTI and ACI to create a comprehensive code covering the design and construction of post-tensioned concrete structures. The Code offers practical solutions and long-term benefits to enhance the quality and consistency of construction practices. It also provides a unified framework for designing and implementing post-tensioned structural concrete, helping to streamline processes and ensure greater durability and safety in construction projects.

PTI also highlighted its new certification program aimed at qualifying, testing, and certifying multistrand and bar post-tensioning systems (PTS). This program is built upon the PTI/ASBI M50.3: Specification for Multistrand and Grouted Post-Tensioning, a widely adopted standard supported by numerous state transportation departments and the Federal Highway Administration.

Once certified through this program, post-tensioning systems are registered on the PTI website, enabling project owners to confidently incorporate these systems into their structures without needing individual prequalification processes. This initiative is designed to increase the quality and durability of post-tensioned structures while fostering efficiency for owners and contractors alike.

ACPA Announces Safety Training for Contractors

The American Concrete Pumping Association (ACPA) launched the Coworker Safety Training program. Designed for contractors who work with and around concrete pumps, the program aims to bolster safety and education for more than 56,000 concrete contractors across the United States.

The Coworker Safety Training program is on schedule to launch Spring 2025. It represents another milestone in ACPA's initiative to build a more educated, safer workforce not only for pumpers, but also for contractors and others working on concrete pumping jobsites. Developed in collaboration with the American Society of Concrete Contractors (ASCC), Coworker Safety Training fills critical gaps in safety training on jobsites and provides certificates of completion to successful candidates. The certificates enable contractors to demonstrate compliance with the education component of ASME B30.27, Material Placement Systems.

Finishing crews and hose handlers are in some of the most dangerous positions around concrete pumps. Accidents and injuries can result from many factors, seen and unseen, such as a plug or separation of material in the pipeline.

Crafted by both ACPA and ASCC members, Coworker Safety Training aims to teach hose handlers and coworkers safe practices when working near concrete pumps. Designed to capture the learner's attention, the curriculum consists of five online learning modules that include short, engaging videos and follow-up quizzes. Topics cover hose handling, setup, on-the-job procedures, delivery systems, and hazards. Participants can complete each module at their own pace, with the entire course taking roughly 1 hour to finish.

Coworker Safety Training will be available through the ACPA University (ACPA-U) platform, an online learning management system that offers access to industry-leading education. The platform provides skills training, virtual reality solutions, e-learning, and more.

ACPA members can create their own individualized branches of ACPA-U, which allows them to set up learning paths for their employees—with each employee's progression greatly simplified and highly visible to key leadership. Training is available on demand, with records accessible anytime. ACPA certification records also will be stored on the user's profile.

The Coworker Safety Training program ties into the broader goals of the We Are Safer Together campaign, an industrywide initiative that brings heightened awareness of ASME B30.27. Understanding and complying with the trade-specific jobsite responsibilities prescribed under the standard helps ensure the safety of every person on a concrete pumping jobsite.

The campaign is spearheaded by ACPA and supported by ASCC, Concrete Foundations Association, Tilt-Up Concrete Association, Concrete Pump Manufacturers Association, World of Concrete, and several other coalition members. It is a call to action that urges collaboration across all trades to amplify the importance of complying with ASME B30.27 to enhance jobsite safety.

Contractors can sign up to purchase the Coworker Safety Training modules (when they become available) through the ACPA University login page at coworkertraining-acpau.talentlms.com.

To learn more about ACPA safety and training programs, visit www.concretepumpers.com/content/safety. To learn more about the We Are Safer Together campaign and ASME B30.27, visit WeAreSaferTogether.org.

CIM Program Breaks Records, Raises 2.151 million USD at 2025 Auction

The National Steering Committee (NSC) for the Concrete Industry Management (CIM) program—a business-intensive program that awards students with a 4-year BS in concrete industry management—announced that it raised more than 2.151 million USD in gross revenue at its annual auction, held in conjunction with World of Concrete, on January 22, 2025, in Las Vegas, NV, USA.

“Featured donated items included a concrete mixer truck from Mack® Trucks, Inc. and Revolution Concrete Mixers; a truck-mounted 38M concrete pump from Alliance Concrete Pumps Inc., Papé Kenworth, and Kenworth Truck Company; a concrete mixer truck from Peterbilt Motors Company and Con-Tech Manufacturing, Inc.; and an S-485 Laser Screed® from Somero Enterprises, among many other industry-specific items,” said Ben Robuck, Chairman of the CIM Auction Committee.

“We received tremendous support from the World of Concrete show management, Informa, and Ritchie Bros. Auctioneers,” stated Brian Gallagher, Chairman of the CIM Marketing Committee. “We extend our gratitude to the numerous companies and organizations whose donations helped us achieve a record-breaking auction. This year’s event showcased exciting contributions from first-time donors like Toyota and AICrete, alongside the continued generosity of our returning supporters. These donations highlight the industry’s

unwavering commitment to empowering students, enhancing education, and advancing the future of the concrete industry.”

A silent auction was also held prior to the live auction. Live and silent auction items included cement, fly ash, aggregate, concrete saws, drills, safety equipment, training sessions, reference books and software subscriptions, laptop computers, sports travel and golf and vacation travel packages, and much more.

In addition to the extensive list of items donated, the following organizations made financial contributions to this year’s auction to help advance CIM’s mission and drive meaningful change. They include AOE; Baldwin Filters, Inc.; Caterpillar Inc.; Cintas Corporation; Cummins Inc.; Foley Products Company; Irving Materials, Inc.; Keystone Private Wealth; Lithko; PACCAR Parts Fleet Services; Sioux Corporation; SRM Concrete; Structural Group Inc.; United Rentals; Volvo Construction Equipment; Vulcan Materials Company Foundation; and World of Concrete.

For more information about the CIM program, visit www.concretedegree.com.

ACPA Announces New Board of Directors Chairman

The American Concrete Pavement Association (ACPA) announced Don Weaver, President of Weaver-Bailey Contractors, Inc., Conway, AR, USA, as Chairman of the Board of Directors in 2025. Weaver has 50 years of experience in the concrete paving industry, more than 45 of those years being with Weaver-Bailey Contractors. Since 2002, he has served as the President and Chief Executive Officer of the company, responsible for all areas of business operations. Previously, he served 20 years as the Chief Operations Officer/Vice President and before that was a Project Manager. Weaver received his Bachelor of Business Administration from the University of Central Arkansas, Conway, AR. He is a National Board Member representing the Associated General Contractors of America Arkansas Chapter and was the Chapter’s President in 2002. In 2009, he was the Highway Chairman for the Associated General Contractors of America National. In 2015, he was the National Chairman for The Road Information Program (TRIP). Currently, he serves as a Board member for the Arkansas Contractors Licensing Board.

ACPA’s member companies have also elected the 2025 Board of Directors. In addition to Chairman Weaver, the 2025 administration committee includes Patrick Cleary, Holcim, First Vice Chair; Ed Wessel, Hi-Way Paving, Inc., Second Vice Chair; Ruben Guerrero, Salt River Materials Group, Third Vice Chair; Ernie Peterson, Ash Grove Cement Company, Immediate Past Chairman; and Dan Rozycki, The Transtec Group, Inc., Treasurer.

The remainder of the Board of Directors includes Bryan Beck, GOMACO; Tim Duit, Duit Construction Co., Inc.; Joe Finnegan, GCC America; Mike Fox, Prince Contracting, LLC; Joel Galassini, Cemex; Tim Gerhardt, Koss Construction Co.; Toby Knott, Heidelberg Materials; Greg Mulder, Iowa Concrete Paving Association; Tim Nash, Wirtgen America; Greg Pelkey, Shafer Contracting Co., Inc.; Nathan Reede, Reede Construction, Inc.; John Roberts, International Grooving and Grinding Association; Brett Ruffing, Kentucky Concrete Association; Dave Sciallo, Golden Triangle Construction; Jake Steinberg, American Highway; and Joe Weishaar, CPS Consulting.

79th RILEM Annual Week and ICONS 2025

The 79th RILEM Week will be held in conjunction with the International Conference on Advances in Engineering and Technology for Sustainable Development (ICONs 2025) in Hanoi, Vietnam, from August 24 to 28, 2025. This event will

feature several key events for the worldwide community of building materials and structures. The conference requires physical attendance (virtual is not available).

The conference will aim to present and discuss the recent advances in materials and structures research to meet the great challenges of the twenty-first century and beyond to:

- Enable sustainable, safe, and durable construction (new and existing buildings and strategic infrastructures);
- Promote the circular construction/economy;
- Improve the energy efficiency of construction; and
- Favor the quality and comfort of building (indoor air quality and comfort).

These topics will be considered from the material's perspective, but also from the structure's perspective. A special focus will be put on the worldwide practices and rationale to meet these goals.

For more information, visit <https://rilemweek2025.sciencesconf.org>.



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