

Jason J. Krohn, P.E., SECB, CAE, F.ACI, F.SEI, F.ASCE

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Work Experience

S. K. Ghosh Associates LLC (SKGA)/International Code Council (ICC), Palatine, IL (2019 – 2020)

Vice President of Engineering

- Planned and oversaw marketing of SKGA products and services.
- Lead the ICC senior management team's development of consulting and contract management capabilities across the entire ICC family of companies.
- Provided technical subject matter expertise to SKGA/ICC staff and clients.
- Held prominent roles on various committees within the structural code and standard development community.
- Represented SKGA/ICC at meetings, conferences, and other professional events.
- Developed and implemented policies, procedures, and programs for SKGA.
- Oversaw key projects such as the development of user guides for the Saudi Arabia Building Codes.
- Continuously reviewed operations to meet revenue targets while keeping expenses within budget.
- Successfully lead the effort to develop multiple code consulting proposals.
- Recruited SKGA web seminar speakers on current structural engineering topics of interest on an ongoing basis.

Precast/Prestressed Concrete Institute (PCI), Chicago, IL (2000 – 2019)

Managing Director, Technical Activities (2010 – 2019)

Technical Director (2003 – 2010)

Technical Services Manager (2000 – 2003)

- Coordinated and oversaw code development and technical activities for the precast concrete industry.
- Maintained current knowledge of all technical projects' status for immediate reporting to industry professionals.
- Developed an annual technical activities budget of \$350,000 to achieve all technical objectives while staying within the set budget and schedule.
- Led the PCI Technical Team, consisting of the engineering staff, through discussions of current threats and opportunities.
- Managed the use of volunteer and paid consultant efforts for the technical content development of industry best practice documents, including the *PCI Design Handbook*, under set budget and schedule constraints.
- Instrumental in developing the long-term strategy for the industry's code activities in a coordinated effort under the plan titled *Code Framework 2033*. Provided the guidance and technical support for plan execution.
- Developed code change proposals favorable to the precast concrete industry that were supported by research and expert opinions. Successfully achieved the approval of a code change in three straight model building code development cycles that benefited the precast concrete industry in the parking structures market.
- Served as a staff liaison to several PCI technical committees. Assisted the committees in their communications and knowledge development activities.
- Represented PCI and provided industry knowledge expertise to outside organizations that complement the goals and objectives of the precast concrete industry.
- Provided administrative and technical support to the PCI Technical Activities Council (TAC).
- Monitored and became involved in new technology as well as stayed abreast of cutting edge research; formulated ideas on how to integrate the research into practice; evaluated the design effect of this research; and determined how the research may have code implications.
- Managed the incorporation of results from a multi-million dollar seismic research program into code language that has been adopted into model building codes.
- Worked with PCI's TAC to monitor and drive its efforts to advance the technology of the precast concrete industry. Participated in the development of strategic and operational plans with the help of other PCI councils and staff.
- Managed a multi-year, multi-million dollar blast research program from its inception, starting with the soliciting of funds and products through the actual physical testing. Eventually test results were implemented into federal blast design guides for use by industry professionals.
- Initiated and directed an American National Standards Institute accredited program to develop PCI's first American National Standard.

PBM Concrete, Inc., Rochelle, IL (1996 – 2000)

Design Engineer

- Project engineered multi-million dollar precast structures including parking structures, sports arenas, prisons, religious and educational facilities, food processing plants, and large-scale warehouses.
- Analyzed total precast concrete structures for lateral loads under both wind and seismic conditions.
- Designed prestressed concrete insulated wall panels for both load and non-load bearing conditions.
- Prepared submittal design calculations and detailed sketches for precast components and connections.
- Checked erection and piece drawings for their technical content accuracy.
- Provided technical support to drafting, production, sales, field, and transportation departments.

U.S. Army Corps of Engineers, Champaign, IL (1995 – 1996)

Technical Contractor

- Integrated geographical information system capabilities into an engineered management system.
- Analyzed the infrastructure for condition assessments of closing U.S. military installations.

Education and Registration

Master of Science in Civil Engineering, University of Illinois at Urbana-Champaign, 1996

Bachelor of Science in Civil Engineering, University of Illinois at Urbana-Champaign, 1994

Chi Epsilon, Civil Engineering Honor Society

Order of the Engineer

Wisconsin Registered Professional Engineer License No. 36436-6 (granted September 16, 2003)

Professional Activities

Alliance for Concrete Codes and Standards (ACCS)

President (2003 - 2009) - Led the organization through the process of incorporation.

American Concrete Institute (ACI) - Fellow Member

Member, Subcommittee 318-P Precast and Prestressed Concrete - Building Code (2025 cycle)

Member, Joint ACI/PCI Committee 319 Precast Structural Concrete Code

Member, Committee 314 Simplified Design of Concrete Buildings

Member, Joint ACI/ASCE Committee 550 Precast Concrete Structures

Member, Joint ACI/ASCE Subcommittee 550-A Diaphragms

Member, Joint ACI/ASCE Committee 423 Prestressed Concrete

Member, Joint ACI/ASCE Subcommittee 423-E Prestress Losses

Associate Member, Committee 533, Precast Panels

Associate Member, Joint ACI/TMS Committee 216 Fire Resistance and Fire Protection of Structures

American Society of Association Executives (ASAE)

Association Forum of Chicagoland

American Society of Civil Engineers (ASCE) - Fellow Member/Structural Engineering Institute (SEI) - Fellow Member

Member, Comm. ASCE/SEI 7 Min. Design Loads for Buildings and Other Structures (-10, -16, -22 cycles)

Associate Member, Subcommittee ASCE/SEI 7 General Structural Requirements (2022 cycle)

Earthquake Engineering Research Institute (EERI)

President, Great Lakes Chapter (2015 – 2021)

International Federation for Structural Concrete (federation internationale du beton (*fib*)) - Member

Member, Commission 6: Prefabrication

Chair, Task Group 6.8 Terminology for Precast Concrete

Precast/Prestressed Concrete Institute (PCI) – Professional Member

Vice Chair, Building Code Committee (2020 – Present)

Member, Blast Resistance & Structural Integrity Committee (2019 – Present)

Consulting Member, Design Standard Committee (2019 – Present)

Structural Engineers Association of Illinois (SEAOI)

Specialized Training

ASAE Certified Association Executive (CAE), 2015

Certified by the Structural Engineering Certification Board (SECB), 2014

California Emergency Management Agency - ATC-20 Post-Earthquake Safety Evaluation of Buildings, 2013

American Management Assn. Leadership Skills and Team Development for IT and Tech. Professionals, 2008

PCI Plant Quality Control Personnel Certification - Level I, II, and III

PCI Certified Field Auditor (CFA)

Technical Publications and Presentations

- Speaker, PCI Design Awards Program, 27th Biennial National Conference of the Concrete Institute of Australia, Melbourne, Australia, September 2015
- Speaker, Blast Resistance of Precast Concrete Wall Panels, Better Concrete Conference, Ames, IA, November 2012
- Speaker, Handbooks and Publications of PCI, Precast Concrete Structures Mini-Seminar, Helsinki, Finland, May 2011
- Speaker, PCI - A Technical Institute, CE 400 Professional Practice Course, West Point Military Academy, West Point, NY, March 2011
- Speaker, Introduction to Precast/Prestressed Concrete, World of Concrete, Las Vegas, NV, January 2011
- Speaker, Structural Precast Concrete Structures in Seismic Areas - U.S. Experience, International Seminar on Precast Concrete Structures, Lisbon, Portugal, October 2010
- Speaker, Precast Plant Tour and Design for Fabrication, Professors' Workshop: Engineering and Economics of Concrete Buildings, Skokie, IL, August 2010
- *PCI Design Handbook: Precast and Prestressed Concrete*, 7th Edition, Industry Handbook Committee, Precast/Prestressed Concrete Institute, 2010
 - Leslie D. Martin Certificate of Merit Award (2010)
- Speaker, PCI - A Technical Institute, Structural Engineers Association of Washington Luncheon Speaker, Spokane, WA, February 2010
- Served on Scientific Committee for *fib* 2009 London Symposium (session moderator)
- *Best Practice Guidelines for Structural Fire Resistance Design of Concrete and Steel Buildings*, NISTIR 7563, Steering Committee, July 2004-February 2009
- Dolan, C. W. and Krohn, J. J., "A Case for Increasing the Compressive Release Strength of Prestressed Concrete," *PCI Journal*, V. 52, No. 1, January-February 2007, pp. 102-105
- Speaker, PCI Design Handbook - 6th Edition, 25th Annual SEAON Structural Conference, Omaha, NE, September 2005
- *PCI Design Handbook: Precast and Prestressed Concrete*, 6th Edition, Industry Handbook Committee, Precast/Prestressed Concrete Institute, 2004
 - Leslie D. Martin Certificate of Merit Award (2005)