



Precast Concrete...
Sustainable Structures for Tomorrow!

CPCI MEMBERSHIP

GET INVOLVED



Canadian Precast/Prestressed Concrete Institute

The Canadian Precast/Prestressed Concrete Institute was founded in 1961 and is the prime source of technical and marketing information for precast/prestressed concrete in Canada. The Institute is publisher of the "CPCI Design Manual", co-author of Canada Mortgage Housing Corporation Precast Concrete Architectural Walls Best Practice Guide and many other technical publications.



Purposes

The purpose of CPCI is to stimulate and advance the common interests and general welfare of the structural precast/prestressed concrete industry, the architectural precast concrete industry, and the specialty precast concrete industry.

To develop, fund and implement a comprehensive, ongoing marketing program to increase the demand for and use of structural, architectural and specialty precast/prestressed concrete produced in Canada;

To collect and disseminate knowledge, statistics, ideas and information relating to design, manufacture and use of precast/prestressed concrete;

To advance precast/prestressed concrete acceptance and use, through investigations and research relative to new applications of precast/prestressed concrete and engineering processes for improvement of the design, manufacture, and use of precast/prestressed concrete;

To establish industry-wide best practices for the design and production of precast/prestressed concrete, and to improve quality and design of its products and systems;

To perform all lawful and desirable activities within Canada and elsewhere, to promote the efficient, constructive, and beneficial operation of the structural, architectural and the specialty precast concrete industry.

GAIN EXCLUSIVE MEMBER BENEFITS

At CPCI, our principal goals for membership are to provide you with unique opportunities to grow your business, be part of a billion dollar industry and to connect you to a community of peers to actively influence and enhance the industry.

Expand the reach of your products and services in the marketplace

- CPCI and PCI Conferences (four annually)
 - Excellent educational sessions
 - Discounts on exhibition space and advertising
 - Exclusive sponsorship opportunities
- Year-round exposure and communication through CPCI Marketing Program
- Visibility on CPCI Web sites with a link to your company's Web site
- Opportunities for enhanced marketing and outreach
- Unique CPCI programs such as Webinars, PCI Journal, other publications and technical updates



Join a North American collective voice

- Updates on critical business and legislative issues that affect the precast/prestressed concrete industry
- Free subscription to the CPCI and PCI e-newsletters exclusively for CPCI member companies
- Participation and influence on committees within CPCI/PCI – including technical, marketing and sustainability plus special interest groups based upon market segments
- Leadership role in promoting CPCI to all stakeholders
- Represents the interests of the Canadian Precast/Prestressed Concrete Industry to stake holders, key accounts, government, and academia,
- Network with colleagues outside your workplace
 - Peer to peer within CPCI market segments
 - Promotes dialogue between CPCI and the construction industry



CPCI MEMBERSHIP

CLASSIFICATION

There are two types of membership in the Institute: voting members (Active, Associate, Professional, Lifetime) and non-voting members (Supporting, Affiliate, Student).

The seven classes of membership are as follows:

ACTIVE MEMBER: A person, firm, or corporation engaged in the manufacture of structural, architectural or specialty precast concrete.

ASSOCIATE MEMBER: A person, firm, or corporation engaged in a business or industry allied or related to: a) the manufacture of structural, architectural or specialty precast concrete or b) the transportation, erection, installation, or construction of structural, architectural or specialty precast concrete. An Associate Member is a company which supplies goods and services to the Active Member companies of CPCI.

SUPPORTING MEMBER: A person, firm, or corporation engaged in a business or industry allied or related to: a) the manufacture of structural, architectural or specialty precast concrete or b) the transportation, erection, installation, or construction of structural, architectural or specialty precast concrete. This membership is limited to those companies who operate from a single location and supply goods and services to only the Active Member companies within the area of the single location.

PROFESSIONAL MEMBER: Any person who is a registered architect or engineer, or any person who is deemed by the Board of Directors to have abilities or standing equal to the above qualification.

AFFILIATE MEMBER: Any person who has an interest in the structural, architectural or specialty precast concrete industries.

STUDENT MEMBER: Any person who is enrolled in a recognized Institute of higher learning, which curriculum is related to our industry activities.

LIFETIME MEMBER: Any person whom the Board of Directors determines has made a highly significant contribution to the structural, architectural or specialty precast concrete industry.

CPCI CERTIFICATION

CPCI Precast Concrete Certification Program for Structural, Architectural and Specialty Precast/Prestressed Concrete Products and System

The CPCI certification program is designed to qualify manufacturers who fabricate architectural and structural precast concrete. The purpose of the audit based program is to provide owners and designers with the confidence that certified precast concrete manufacturers are qualified to manufacture the products they supply to the marketplace, are competent to provide quality precast and have adequate personnel and facilities. The intent of this program is to certify only those precast manufacturers who demonstrate strict conformance to current standards, and are committed to continually improving the quality of their products and systems.

The CPCI Certification program has reintroduced common, measurable, nationwide standards for precast certification at no increased cost to our customers. In accordance with the requirements of the National Building Code of Canada, CPCI Certification is aimed to make the certification designation a recognized requirement for all project specifications and for all precast operations.

CPCI Certification:

- Requires conformance to CSA A23.4 and related standards
- Aims to make the certification designation a recognized requirement for all project specifications and for all precast operations
- Has reintroduced common, measurable nationwide standards for precast certification
- Focuses on plant, processes and people
- Focuses on product requirements and documentation
- Is available to all qualified manufacturers
- Is committed to continual improvement of products and systems for the entire Canadian precast industry
- Certified to Canadian (A23.4) and US (MNL 116 & 117) requirements, whichever is more stringent
- Requires a comprehensive Quality System Manual for all plants
- Is recognized by the National Building Code of Canada
- Has a mandated number of audits annually by an Accredited Certification Organization (ACO)
- Is evaluated using a uniformly applied detailed checklist of compliance for the entire design, manufacturing and erection process
- Has defined uniform pass/fail criteria with an 80% passing grade required
- Has been designed to be harmonized with PCI Certification (US) requirements and is governed by an independent multidisciplinary body that oversees the program



GOVERNING BODY

Quality Assurance Council The Quality Assurance Council is a multidisciplinary body that oversees the CPCI Certification Program.

Accredited Certification Organization

The Accredited Certification Organization (ACO) is the auditing consultant, specializing in precast concrete structures and building products. The ACO evaluates manufacturers during bi-annual audits on their quality system, documentation, production and erection procedures, management, engineering, personnel, equipment, finished products and assemblies in accordance with the CPCI Certification Program. The Accredited Certification Organization is accountable to the Quality Assurance Council.



"CPCI membership provides an opportunity to guide and shape the future of our industry. In our business, the strengthening and growth of the precast market place is paramount. As a member of CPCI, we're able to collaborate with other CPCI members and precast organizations...to make it happen!"

IAN GRAHAM, M. Eng, P.Eng
Engineering Director
PACIFIC REGION
Armtec|Con-Force Structures

TECHNICAL OUTREACH

The CPCI technical committee meets regularly and are actively working with other cement and concrete industry associations to address technical issues, codes and standards pertaining to the concrete industries. The committee is responsible for:

- author of the CPCI Design Manual and other CPCI technical publications
- originating, coordinating, and supervising research projects
- presenting programs at CPCI meetings
- reviewing technical papers
- evaluating codes and standards
- and advising CPCI on all aspects of the technology it embraces

Codes and Standards

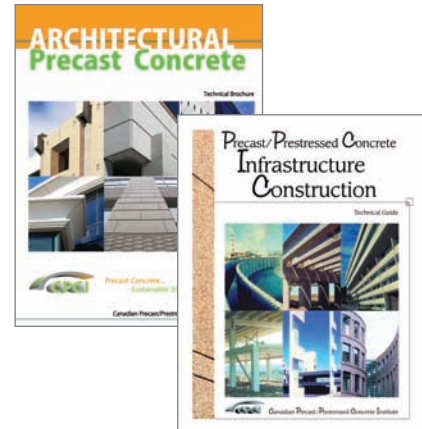
CPCI and CPCI members are active on these important building codes:

- CSA A23.3 Design of Concrete Structures
- CSA A23.1 & 2 – Concrete Construction / Methods of Test for Concrete
- CSA A23.4 Precast Concrete – Materials and Construction
- CSA S413 Parking Garages – Design and Construction
- CSA S6 Canadian Highway Bridge Design Code

Publications

CPCI has published and distributed over a quarter million technical guides.

- CPCI Design Manual (currently) 4th Edition
- Architectural Precast Concrete Technical Publication
- Colour and Texture Selection Guide Technical Publication
- Insulated Sandwich Wall Panels Technical Publication
- Structural Precast Concrete Technical Publication
- Infrastructure Construction Technical Publication
- Total Precast Construction Technical Publication
- Joint and Sealant Guide Technical Publication
- Structural Floor and Roof Technical Publication



PROFESSIONAL EDUCATION

Seminars

CPCI presents many educational seminars per year at these venues.

- Royal Architectural Institute of Canada Concrete Thinking Seminars
- CPCI seminars for Royal Architectural Institute of Canada (National Convention)
- CPCI seminars for Canadian Parking Association (National Convention)
- CPCI Precast Structural Seminars – separate presentations for architects and engineers
- CPCI Bridge Seminars for the Transportation Association of Canada and provincial Departments of Transportation
- Canada Mortgage and Housing Corporation Best Practice Guide Seminars
- Construction Specifications Canada Tek-Aids Seminars
- Lunch and Learn (lunchbox seminars)
- CPCI 4th Edition Design Manual Seminars



STUDENT EDUCATION

CPCI is devoted to assisting schools, universities and colleges in teaching students to be more knowledgeable about precast prestressed concrete, these activities include:

- National Precast Day – open house plant tour
- Promotional gift for students attending plant tours
- Student CD/DVD (Precast Concrete Toolbox)
- Professor Academic CD/DVD
- Precast lectures at all colleges and universities
- Distribution of CPCI Design Manuals by Chapters
- PCI Engineering Student Competition (Big Beam Contest)
- PCI Architectural Student Design Award Program
- CPCI Bridge CD
- CPCI Total Precast CD



MARKETING OUTREACH

CPCI has one of the largest marketing outreach programs in the construction industry. CPCI marketing strategy involves market segmentation and marketing vehicles based on our one to one strategies (treat different customers differently through mass customization). CPCI goals are to enhance corporate awareness, increased brand appeal, repositioning to new markets. Our programs include direct mail, trade publication advertising, electronic marketing (websites, e-brochures and DVD'S) public relations and National Precast Day (open house plant tours).

CPCI Construction Trade Magazine Advertising The total readership is 241,558 per year

- Canadian Architect Magazine
- Consulting Engineer Magazine
- Award Magazine
- Construction Canada Magazine
- The Parker Magazine
- Renew Canada Magazine
- Canadian Health Facilities



National Precast Day

National Precast Day (Open House Plant Tour)

Every year CPCI members open their plants to visitors across Canada. Over 22 thousand participants have visited our member plants.

Direct Mail

CPCI distributes 15,000 copies of CPCI Imagineering Magazine per year.

The CPCI Imagineering magazine highlights and promotes the North American Precast Industry. This high-gloss publication is one of our best marketing vehicles, as it only promotes precast solutions and is the voice of the Canadian precast industry.



Trade Shows

CPCI trade shows include both national and regional shows.

Our total trade show average audience for the eight shows is 75, 000 visitors.



CPCI Websites

CPCI four portal websites are interlinked, our monthly visitor range from 50,000 to 60,000. CPCI Project of the Month receives half of our web visitors.

www.cpci.ca

www.precastcertification.ca

www.precastsearch.ca

www.sustainableprecast.ca

SUSTAINABLE OUTREACH

The Canadian Precast/Prestressed Concrete Institute (CPCI) recognizes that structural, architectural, and specialty precast/prestressed concrete have inherent sustainable characteristics. Precast concrete manufacturers have a unique opportunity and obligation to participate in sustainable design and construction, including supporting green and sustainable building practices and continual improvement of their designs, plant production practices, transportation and construction site activities to reduce their environmental impact.

CPCI actively encourages green building practices

CPCI has established a sustainability committee to provide industry leadership through education, sharing of sustainable/green building practices and promotion of the adoption of best practices in precast plants and on project sites. CPCI oversees a certification program that ensures quality and encourages excellence in precast plants. A key CPCI initiative is the development of similar guidelines for sustainable practices, including minimizing water use, water recycling, dust and emissions control, reusing, recycling and energy reduction.

Why Join CPCI?

The precast/prestressed concrete industry is ever-changing, increasingly competitive and always growing. You never know what's going to happen today that will affect your business tomorrow. That's why it's important to know others in your industry that share common experiences and goals. There's an advantage to having connections, to belonging to an organization that can provide support, educational opportunities, industry information and business opportunities.

CPCI connects leaders in the precast concrete industry from all over the world and provides educational, leadership and networking opportunities. If there's a trend in the industry, CPCI will inform our members about it. If there are legislative decisions being made that can help or hurt your business, CPCI will help you understand the issues, CPCI keeps you up to date on emerging business and technical issues. CPCI technical and marketing outreach programs will help your business strengthen and grow.

**Join Now
GET INVOLVED**



"CPCI plays an essential role in the development of Codes, Education, and Marketing. As a predominant supplier of precast concrete solutions it is imperative that our business supports CPCI as a member and as an active participant in its function. CPCI membership has been a key coalition in the implementation of our business goals and objectives".

DOUG HARMAN,
VP & GM of Coreslab Structures (ONT) Inc.

**Please contact CPCI for more Information about the fastest growing concrete product industry in North America.
For membership applications and more information about CPCI and membership go to: www.cpci.ca**



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