



New PCI white paper scrutinizes need for sprinklers in open parking structures

A new PCI white paper lays out the institute's view on requiring sprinklers in open parking structures. Although such requirements were recently added to the 2021 *International Fire Code* (IFC) and *International Building Code*, this review, authored by the PCI Fire Committee, finds that the underlying documentation for the addition is inadequate.

This white paper provides the historical background on fire experience in open parking structures, a summary of the documentation used to require sprinkler protection for open parking structures in the 2021 IFC, a review of the potential fire hazards in open parking structures, and an explanation of why this added expense for the construction of open parking structures is not justified.

Download the white paper *Why Sprinklers Should Not Be Required in Open Parking Structures* free of charge at <https://doi.org/10.15554/wp-21-01>.

Brown added as new transportation systems program manager

PCI welcomes Trina Brown, as the new PCI transportation systems program manager. She comes to PCI from LTCI Partners LLC, where she was director of business development.

Brown works with William Nickas, transportation systems managing director, to ensure that PCI is efficiently utilizing resources. She provides periodic transportation account and activity updates to the PCI Transportation Activities Council (TrAC) leadership. She also works as a staff liaison and assists volunteer members with committee and subcommittee activities. In addition, she manages *Aspire* and activities with the National Concrete Bridge Council.

Brown graduated from Florida State University in Tallahassee with a degree in international finance.



Trina Brown

Fifth edition of PCI quality control manual released

The fifth edition of the *Manual for Quality Control for Plants and Production of Structural Precast Concrete Products*, MNL 116-21, was released in July and is now available in the PCI Bookstore in either PDF or printed format.

A PDF copy of the new manual was provided to the authorized audit contacts at all plants in July. Implementation of the new requirements is scheduled to be effective January 1, 2022. In advance of that implementation date, information describing these changes will be provided to certified plants and other stakeholders through various publications and newsletters. A webinar is planned for early October. Watch for details in My PCI Update and the monthly Education and Certification newsletters.

PCI Foundation-sponsored barbecue competition returns

After a hiatus in 2020 due to the pandemic, the PCI Foundation BBQ Competition has returned.

Any company, association or individual in the precast concrete industry can join the fun by holding a barbecue between August 1 and December 31, 2021. By using peer-to-peer fundraising (similar to a walkathon), each team will have its own fundraising webpage where donations can be made in honor of the team's effort.

This year, the first \$50,000 raised by this competition will fund student participation at the 2022 PCI Convention at The Precast Show in Kansas City, Mo., including a student welcoming party, special student educational sessions, precast concrete presentations, and student and professor travel grants.

The grand prize, a top-quality industrial grill or smoker valued at \$2500, goes to the team that raises the most money for the PCI Foundation. Other prizes may be given in categories such as most unusual menu item, family and friends award, student attendees award, most meat grilled, most creative fundraiser, or best event photo. Participants can register at <http://pci-foundation.org>.



WELCOMING STUDENTS TO PCI

>> As we head back to school this fall, the PCI Foundation is celebrating its 20th anniversary. With four new schools coming on board, we now have 35 schools in the PCI Foundation family and have worked alongside thousands of students in our 14 years of offering grants.

We measure the success of the past 20 years in several ways, but for me, it always goes back to the students. How many are we reaching? How is our work affecting their educational outcome? The news could not be better. More than 6000 students have taken part in a PCI Foundation studio in one form or another. As the years go on, paths of PCI members and studio participants are starting to cross more frequently.



Chris Pastorius
PCI Foundation
Chair

Student feedback is so beneficial, and they have told us that the lessons they learn in the precast studios go beyond the hard and fast rules of designing a beam or creating a color palette. By including industry partners and mentors in the programs, the PCI Foundation studios help students learn soft skills, collaboration, leadership, strategic thinking, and human relations. The precast studio helps students understand decisions and constraints in design, not just because of the material, but because of the partnerships we forge.

This year we proudly welcome four new schools to our family. For the first time we are including concrete industry management programs in our studio work, reaching out to a new type of student. In addition, new industry partners are emerging and will assist in helping these studios succeed.

Universities	Locations	Programs	Professors
Chico State University and Kansas State University (joint program, sponsored in partnership with the National Precast Concrete Association Foundation)	Chico, Calif., and Manhattan, Kans.	<ul style="list-style-type: none"> • Engineering • Construction management • Concrete industry management 	Mohammed T. Albahtiti Kimberly W. Kramer Hayder A. Rasheed
University of Delaware	Newark, Del.	<ul style="list-style-type: none"> • Engineering 	Jovan Tatar
University of Nebraska	Lincoln, Neb.	<ul style="list-style-type: none"> • Engineering • Construction management 	George Morcous Marc Maguire
New Jersey Institute of Technology	Newark, N.J.	<ul style="list-style-type: none"> • Engineering • Architecture • Concrete industry management 	Mohamed Mahgoub

New Architectural Certification Program categories effective October 1

The transition to the new architectural certification categories will be completed on October 1, 2021. All certified plants that have met the requirements for the new categories will receive a new certificate reflecting their new category with an effective date of October 1, 2021.

The transition of certified architectural plants to the new categories began with the publication of the Architectural Certification Program Supplemental Requirements in December 2019 and certified architectural plants submitting applications for their desired new categories during the first quarter of 2020. Since that time, each plant has been required to construct a set of three mock-up panels unique to their category, which have been reviewed by the plant auditors during on-site audits.

COVID-19 pandemic concerns affected the ability of the auditors to visit many plants, and virtual audits were performed in those cases. The evaluation of the panels for confor-

mance to the acceptability of appearance standards necessitates an on-site review; therefore, many plants were unable to complete the panel evaluation. In addition, COVID-19 affected the workforce at many plants and prevented or delayed the construction of the mock-up panels.

Due to the pandemic's impact on the plants, the Architectural Certification Committee made the decision in November 2020 to delay the implementation of the new categories from the original July 1 date to October 1. This extension allowed plants that were experiencing restricted access an additional opportunity for an on-site plant audit. The audit schedule for the third quarter of 2021 was structured to focus especially on those plants where on-site access had been restricted.

In support of the new program, PCI has developed various informational resources, including the Architectural Certification Program Supplemental Requirements, a category

requirements matrix, FAQ documents, and a brochure, which are all available on PCI's website at <https://www.pci.org/archcert>. Educational webinars are also being presented, including a series of four monthly webinars from June through September 2021, which will be available in the education section of PCI.org. Revisions to the PCI and MasterSpec guide specs that will incorporate the new categories are also underway and are planned to be released in September 2021.

The official transition to the new categories will be completed with the assignment of the categories on October 1. Full transition will take much longer. All projects bidding on or after October 1, 2021, will need to reference the new categories. As such, a full transition to the new categories will take several years as category A1 projects are completed and plants begin to produce projects with the new categories.

This program is designed to advance the precast concrete industry by promoting collaboration between our certified plants and customers early in the design process and help establish realistic quality and appearance expectations.

2021 Professors Seminar attendees tour a parking structure at Sacramento State University. Courtesy of PCI Foundation.



Professors Seminar attracts record number of professors

The 2021 PCI Foundation Professors Seminar was held June 2 through 4 in Sacramento, Calif., with the assistance of PCI West, Sacramento State, and Clark Pacific. Originally scheduled to be held in June 2020 on the Sacramento State campus, the program was postponed by a year due to the pandemic.

Eric Matsumoto helped develop a robust multiday agenda, which included local project tours, a Clark Pacific plant tour, and multiple presentations by precast concrete experts.

This was the sixth Professors Seminar and attracted the largest number of professors to date. There were 20 professors attending in person, and one third of them were professors who had not previously submitted a grant to the PCI Foundation. In addition the event included about 10 industry friends, local studio students from Sacramento State and PCI West. Networking included a dinner hosted by Jim Voss.

Next year the Professors Seminar will be hosted by Kennesaw State University in Atlanta, Ga., and will run May 18 through 20, 2022.

PCI releases new certificate template for certified plants

PCI-certified plants will notice some changes to their plant certificates for 2021. During PCI's recent audit of the plant certification program by the International Accreditation Service (IAS), IAS required several changes to the template

that PCI uses for its certificate. The most recognizable change is the separate listing of dates for PCI Policy 20 certification, which is an annual certification, and the ISO 9001:2015 certification, which is a three-year certification with an annual renewal. These are now presented in separate columns. Reference was also added, at the bottom of the certificate, to the full description of the PCI certification categories on the PCI website. Please contact qualityprograms@pci.org if you have any questions about these changes.

Revisions to PCI's Erector Certification Program approved

Revisions to PCI Policy 29 on the Erector Certification Program were approved by PCI's Board of Directors at its June meeting. In addition to a minor reorganization of the document and general maintenance revisions to match existing procedures, several new requirements and sections have been added. A copy of the revised policy has been emailed to all certified and applicant erectors. If you have questions regarding these changes or would like further information, please contact qualityprograms@pci.org.

PCI personnel training and certification schools

Quality Control School event details are subject to change. If you have any questions about the Quality Control School schedule or need help completing a registration form, please contact PCI's continuing education senior manager, Sherrie Nauden, at snauden@pci.org or (312) 360-3215. Registration forms are available at https://www.pci.org/qc_schools.

Level I/II	October 11-13, 2021 February 7-10, 2022	Orlando, Fla. online
Level III	October 13-16, 2021	Orlando, Fla.
CFA	September 7-9, 2021	Nashville, Tenn.
CCA	September 10, 2021	Nashville, Tenn.

Compiled by K. Michelle Burgess (mburgess@pci.org)

PCI Foundation Board adds two trustees

Two industry leaders, Lloyd Kennedy Jr. and Matt DeVoss, were recently welcomed to the PCI Foundation's Board of Trustees.

Kennedy is Finfrock's executive vice president of engineering, and he not only brings to the board decades of industry experience but he is a champion of Finfrock's recruiting efforts to attract talent to the company. He is based in Apopka, Fla.

DeVoss is president of Jackson Precast, based in Jackson, Miss. He attended Tulane University in New Orleans, La., where he completed an undergraduate degree in civil engineering as well as obtaining a law degree. He is a member of PCI's executive committee and holds contractor's licenses in Mississippi, Alabama, and Arkansas.



Lloyd Kennedy Jr.



Matt DeVoss

PCI's CALENDAR

Events

PCI event details are subject to change. For the most current information, visit <https://www.pci.org/events>.

2021 PCI Northeast Annual Meeting
Manchester, Vt.

September 1-2, 2021

Ultra-High-Performance Concrete Workshop
Loews Chicago O'Hare Hotel, Rosemont, Ill.

September 21, 2021

2021 PCI Committee Days
Loews Chicago O'Hare Hotel, Rosemont, Ill.

September 22-25, 2021

2021 PCI Productivity Tour
Charlotte, N.C.

October 19-21, 2021

Marketing and Technical Activities Council Meetings
The Biltmore Miami-Coral Gables, Coral Gables, Fla.

January 5-7, 2022

2022 PCI Convention at The Precast Show
Kansas City, Mo.

March 1-5, 2022

2022 PCI Productivity Tour
TradeWinds Island Grand Resort, St. Petersburg, Fla.

May 9-11, 2022

PCI Board of Directors and Committee Meetings
Westin New Orleans, New Orleans, La.

June 7-10, 2022

2022 PCI Committee Days and Technical Conference
Loews Chicago O'Hare Hotel, Rosemont, Ill.

September 20-24, 2022

UNITED STATES POSTAL SERVICE® (All Periodicals Publications Except Requester Publications)									
1. Publication Title PCI JOURNAL		2. Issue Frequency bi-monthly		3. Issue Date 8/16/21		4. Issue Frequency SIX		5. US\$50, Foreign \$170	
7. Complete Mailing Address of Known Office of Publication (Not printer) (Street, city, county, state, and ZIP+4®) Precast/Prestressed Concrete Institute, 8770 W. Bryn Mawr Ave., Suite 1150, Chicago, IL 60631-3517									
8. Complete Mailing Address of Headquarters or General Business Office of Publisher (Not printer) Precast/Prestressed Concrete Institute, 8770 W. Bryn Mawr Ave., Suite 1150, Chicago, IL 60631-3517									
9. Full Name and Complete Mailing Address of Publisher, Editor, and Managing Editor (Do not leave blank) Robert Riser, Precast/Prestressed Concrete Institute, 8770 W. Bryn Mawr Ave., Suite 1150, Chicago, IL 60631-3517									
10. Owner (Do not leave blank. If the publication is owned by a corporation, give the name and address of the corporation immediately followed by the name and address of all stockholders owning or holding 1 percent or more of the total amount of stock. If not owned by a corporation, give the name and address of the individual owner. If owned by a partnership or other unincorporated firm, give its name and address as well as those of each individual owner. If the publication is published by a nonprofit organization, give its name and address.) Precast/Prestressed Concrete Institute, 8770 W. Bryn Mawr Ave., Suite 1150, Chicago, IL 60631-3517									
11. Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages, or Other Securities. If none, check box. <input checked="" type="checkbox"/> None									
12. Tax Status (For completion by nonprofit organizations authorized to mail at nonprofit rates) (Check one) <input type="checkbox"/> The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes. <input type="checkbox"/> Has Not Changed During Preceding 12 Months. <input type="checkbox"/> Has Changed During Preceding 12 Months (Publisher must submit explanation of change with this statement)									

13. Publication Title PCI Journal		14. Issue Date for Circulation Data Below July-August 2021	
15. Extent and Nature of Circulation		Average No. Copies Each Issue During Preceding 12 Months	
a. Total Number of Copies (Net press run)		2338 2397	
b. Paid Circulation (By Mail and Outside the Mail)		2004 2097	
c. Total Paid Distribution (Sum of 15b (1), (2), (3), and (4))		2004 2097	
d. Free or Nominal Rate (Sum of 15c (1), (2), (3), and (4))		100 100	
e. Total Free or Nominal Rate Distribution (Sum of 15d (1), (2), (3), and (4))		100 100	
f. Total Distribution (Sum of 15c and 15e)		2104 2197	
g. Copies not Distributed (See Instructions to Publishers #4 (page 43))		234 200	
h. Total (Sum of 15f and g)		2338 2397	
i. Percent Paid (15b divided by 15f times 100)		95 95	

UNITED STATES POSTAL SERVICE® (All Periodicals Publications Except Requester Publications)		
16. Extent and Nature of Circulation		
a. Paid Electronic Copies		
b. Total Paid Print Copies (Line 15c) + Paid Electronic Copies (Line 16a)		
c. Total Paid Distribution (Line 15c) + Paid Electronic Copies (Line 16a)		
d. Percent Paid (Both Print & Electronic Copies) (15c divided by 15f x 100)		
17. Publication of Statement of Ownership		
18. Signature and Title of Editor, Publisher, Business Manager, or Owner		
19. I certify that all information furnished on this form is true and complete. I understand that anyone who furnishes false or misleading information on this form or who omits material or information requested on the form may be subject to criminal sanctions (including fines and imprisonment) and/or civil sanctions (including civil penalties).		