

MEETING MINUTES
ACI Committee 310-OJ
Polished Finishes
October 17, 2017
Anaheim, CA

ATTENDANCE:

Voting Members and Officers (attending): - 17

Pat Harrison (Chair), Scott Metzger (Secretary), Bruce Ferrell, Bob Harris, Roy Harvey, David Hoyt, Ryan Klacking, Steve Lloyd, Larry Rowland, Michael Turek, Christopher Tull, Darryl Manuel, Michael Payne, David Stephenson, Clif Rawlings, Jason Barnes, Ryan McBride

Voting Members and Officers (not attending): - 7

Roy Bowman, Ryan Lakebrink, Michael Linn, Jeff McCool, Joe Reardon, Cori Sutton, James Vermillion.

TAC Contact Member:

Ed Ulrich

Consulting Members (attending):

None

Consulting Members (not attending):

None

Associate Members:

See attached sign in sheet

Visitors:

See attached sign in sheet

1.0 Welcome and Introduction

- 1.1 Meeting was called to order at 10:00 am. Self-introductions were given by all in attendance. Attendance sheets were distributed.
- 1.2 Please remember to confirm your email address located on ACI website.
- 1.3 A count of voting members was taken. 17 Voting Members present - quorum was established.
- 1.4 Patrick Harrison announced changes in composition of voting members and noted that if a voting member had missed one or more recent meetings they had probably been

removed. Harrison also reminded members to visit the committee page to confirm information was accurate and up to date.

2.0 Approval of Minutes:

- 2.1 Motion made by Hoyt seconded by Lloyd to approve minutes of previous meeting in Detroit. Motion passed unanimously by voice vote.

3.0 Liaison Committee Reports

- 3.1 ACI 310 Decorative Concrete – Larry Rowland reported that as committee chair he had been approached by ASCC (American Society of Concrete Contractors) to gauge interest in creating a joint ACI-ASCC 310 Decorative Committee. Both ACI and ASCC committees would still meet independently but a liaison would be established between the two and the two would work to coordinate consistency in their individual documents. Harrison expanded on the topic and noted that ASCC would be supporting ACI 310 and ACI would still be the “parent” of any new documents or specifications. Rowland suggested that the 310-OJ subcommittee would still exist/remain intact even if joint committee was established.

Rowland then provided other updates on 310’s activity including an update on the Curing Task Group’s activities including their desire to work with ASCC on research. Rowland reported that the potential research partnership with the Concrete Research Council appeared to no longer be a possibility.

- 3.2 ACI 302 Guide for Concrete Floor and Slab Construction – Patrick Harrison reported that meeting was held October 16, 2016 in Anaheim and reinforced the ongoing need to dialog with concrete placement contractors (many of whom attend the ACI 302 meeting). Harrison indicated that 302 was working on a new Chapter 6 which would discuss placement of concrete for aesthetic finishes such as polished concrete. He asked for increased feedback from the concrete polishing committee on their challenges and needs for success. Bruce Ferrell (as member of CSDA and ASCC) indicated that he would help solicit feedback.

4.0 Announcements

- 4.1 ASCC/CPC (Concrete Polishing Council) Liaison Report – Mike Payne indicated that CPC shared ACI’s desire to ultimately produce documentation for the concrete polishing industry and discussed efforts being made by the CPC towards that end. Payne agreed to remain a liaison for ASCC/CPC to the committee.
- 4.2 CSDA (Concrete Sawing and Drilling Association) Liaison Report – Bruce Ferrell indicated that ongoing work within CSDA on documentation for polished concrete was being done not with the goal to develop a specification but rather to develop a guide/manual for their members. Ferrell indicated that continued research on the ST-115 standard was being done but with the goal of using the standard as a measuring/quality control tool for the contractor and not with the goal of devising a specifiable standard for the industry.

5.0 Old Business

- 5.1 At 10:25 am review and discussion of current document commenced.
- 5.2 Need for dust collection language was reinforced and Chris Tull agreed to lead collection of that information. Definition of “dry-in conditions” was provided by Michael Turek and information on Surface Treatments was provided by Michael Linn and will be added to the document for further review.
- 5.3 Mike Payne explained a new aggregate exposure and appearance chart recently approved by CPC which had been added to draft document for discussion prior to the meeting. Discussion ensued amongst the committee on limitations of using DOI as a measurement tool, including somewhat cumbersome collection and aggregation of data for reporting. Concern was also expressed over whether testing labs were familiar with the equipment and appropriate collection methods. Discussion then ensued about the number of projects needed for data collection to determine whether measurements confirmed that the DOI standard was valid. ASTM E11-55 Standard Test Method Determining FF Floor Flatness was suggested as further reading.
- 5.4 Darryl Manuel, as a member of ASTM D4039 Standard Test Method for Reflection Haze of High-Gloss Surfaces, agreed to discuss potential testing criteria for DOI. He suggested there were many questions to be answered including time frame after polishing for measurement, whether we should follow same frequency as slip resistance testing, whether ANSI could provide guidance, etc. Harrison asked the committee to think about the measurable and to be certain they were realistic and achievable/accurate before adding them to the document.
- 5.5 After extended discussion Harrison established a DOI Statistical Evaluation Take Group, which the stated goal of studying DOI measurable. David Stephenson agreed to act as chairman of the task group. Take group to include the following members: *Jason Barnes, Kevin Sigourney, Ryan McBride, Ryan Klacking, Chris Tull, Clif Rawlings, Bruce Farrell, Bob Harris, Dave Hoyt, and Roy Harvey.* Kevin Sigourney indicated he would check with contact in the automotive paint industry regarding how they use DOI. Harrison reminded new task group that he wants information on both CPC charts and levels of gloss. Darryl Manuel indicated his opinion that the DOI bias statement is not definable.
- 5.6 Harrison indicated he would connect Task Chair Stephenson to Wayne Walker for guidance and help in the research.
- 5.7 Mike Payne agreed to discuss concerns with CPC representatives and to request more information for the committee as to how the charts can be used in specifications.
- 5.8 Discussion moved to Level of Gloss as discussed in current document and committee consensus was retain information in the draft document.
- 5.9 Chris Tull agreed to work on providing a definition of honing. Ben Weise suggested that the Pull Machinists Guide/ASME may have a good definition and agreed to send that information to Chris Tull.

- 5.10 Discussion on Quality Control portion of document included whether moisture needed to also be measured, its potential effect on chemicals used in the concrete polishing process such as stains or joint fillers, etc. Committee consensus was to move discussion on moisture testing to the 310 Guide and to request input from CPC on how we handle moisture. It was reinforced that the Gloss and DOI sections would be reviewed by the newly established DOI Task Group. Committee consensus was that Slip Resistance testing should probably be removed and left to specifier to add if desire. Committee agreed to add additional information on OSHA requirements.
- 5.11 The committee took a break at 11:57 am and recommenced at 12:10 pm.
- 5.12 The protection section of the document was discussed. Need to establish responsibility for protection identified and committee consensus was that the General Contractor was the best suited for this task. Additional discussion on whether concrete floor repairs should be included under execution with no consensus.

6.0 **New Business**

Harrison indicated that draft document would be sent to CPC for comment and further indicated that after the World of Concrete 2018 the committee would be asked to begin voting on sections of the document. Committee members were encouraged to attend the ASCC/CPC meetings taking place during the World of Concrete to provide feedback and get a sense for the work CPC is doing. Bruce Farrell reported that the CPC Board Meeting would be held Tuesday, January 23, 2018 from 2-4:30 pm. (Note the meeting has been rescheduled to Monday, Jan. 2, 2018 from 2-4:00 pm). Ferrell also indicated that the CSDA would be meeting in Austin, TX on December 1, 2017 and indicated that CSDA members and non-members alike were welcome.

Harrison indicated that anyone interested in becoming a voting member was welcome to contact him but further indicated that voting members would be required to attend at least one of two committee meetings annually if they are to retain voting member status. Harrison also gauged interest in changing 310 and 310-OJ meeting time/days to coincide. Consensus of committee was that this was desirable with preference for both meetings to take place on Tuesday of ACI Convention.

7.0 **Adjournment**

- 7.1 Spring 2018 – Concrete Elevated, March 25-29, Grand America and Little America, Salt Lake City, UT
- 7.2 Motion to adjourn by Darryl Manuel, seconded by David Stephenson. Motion carried unanimously by voice vote.
- 7.3 Meeting adjourned at 12:33 PM.

Respectfully Submitted,
Scott C. Metzger
Secretary



Committee Meeting Sign In Sheet**

Committee: 310 J		Date:		
Name and Address (Please Print): * Members - Please give address, phone number, and e-mail only if changed * Visitors - Please give complete address, phone number, and e-mail			Comm. Member ?	Visitor? **
Pat Harrison			✓	
BRUCE FARRALL			✓	
Steve McDonald MCTECH GROUP.				
Larry Rowland LWCC			✓	
Kevin Sigourney PROSOLO				
ROY HARVEY VERSATEX			✓	
MATT SPILLER VERSATEX				✓
Dave Hoyt			✓	
Nick Sorrentino J. Dylan Concrete				✓
SIEKRA PALOS RUNYON SURFACE PREP 916-380-8274 SIEKRA@RUNYONSURFACEPREP.COM				✓
LEANNA HUDSON RUNYON SURFACE PREP 916-496-0876				✓
David Stephenson 479-263-1050 RPM Group			✓	
Bob Harris SSI			✓	
Mike Twell SASE COMPANY			✓	
Clif Rawlings SASE COMPANY			✓	
MIKE PRYNE MPA, INC			✓	
RYAN KLACKINS SUNCOR			✓	

*Technical Committee Attendees: The purpose of an ACI technical committee is to reach consensus and publish information on concrete-related issues within its mission. The discussions at the committee's meetings are part of this consensus process, and are not the official position of the committee. Only a published committee document represents the formal consensus of the committee and the institute.

**Visitors interested in committee membership should contact the chair or visit the ACI website, www.concrete.org, for a membership application.



Committee Meeting Sign In Sheet**

Committee: 310-ØJ Polished		Date: 10/17	
Name and Address (Please Print):			
* Members - Please give address, phone number, and e-mail only if changed		Comm. Member ?	Visitor? **
* Visitors - Please give complete address, phone number, and e-mail			
DARRYL MANUEL		✓	
STEP LLOYD		✓	✓
BENT MIKKELSEN CONCRETE DECOR		✓	
Ryan McBride		✓	
Ryan Klacking Syncon		✓	
Chris Jull		✓	
JASON W BATES		✓	
SCOTT METZGER		-	
Lraig Loppersmith - Nex-Gen			✓
Mike Tuccolli Metzger McGuire			-
Ben Wiese Multiquip Inc.			-
Torsten Erbel Multiquip Inc			✓

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Committee:		Date:	
Name and Address (Please Print): * Members - Please give address, phone number, and e-mail only if changed * Visitors - Please give complete address, phone number, and e-mail		Comm. Member ?	Visitor? **
Jon Bellkowitz , Jon@intelligent-concrete.com			✓

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