

ACI Committee 329
Performance Criteria for Ready Mixed Concrete
Minutes – Denver, CO, Wednesday Nov 11, 2015

The following were in attendance. (V) are visitors:

Mark Chrzanowski, substitute Chairman	Tengfei Fu (V)	Hoa Lam (V)
Colin Lobo, Secretary	Boris Haranki (V)	Frank Malits
Peter Bohme	James Hicks	Sean Monkman (V)
Michael Brown (TAC)	Doug Hooton	Rusty Owings
Nick Carino	Joe Hug (V)	Victor Villarreal
Matt D'Ambrosia	Scott Jones (V)	Michelle Wilson
Ufuk Dileh (V)	Scott Keim	Fouad Yazbeck

1. The meeting was called to order at 9:30 am by Mark Chrzanowski substituting for David Tepke. Attendees introduced themselves.
2. The agenda was presented and approved.
3. The minutes of the April 2014 meeting in Kansas City were approved.
4. Review of the membership. Chairman Tepke surveyed the current membership to evaluate their desire to remain on the committee and to contribute to its work. The Chair will evaluate membership status based on this and previous attendance. The Chair will attempt to ensure balance of stakeholders on the committee as it develops the next document. The balance would attempt to ensure that the number of voting members representing producers is balanced with voting members representing user and general interest groups. As needed, new members that represent different stakeholders would be solicited. Members were asked to suggest names.

It was noted that ACI does not require balance for committees that do not develop standards.

In a general discussion, these were tentative assignment of member representation:

Producers – material suppliers, concrete producers...

Users – practicing engineers/designers, contractors, testing labs, government agencies as public owners, consultants, private owners...

General interest – academia, research entities and associated with government agencies, lawyers...

5. Participation of ACI Committee 329 in upcoming session was discussed
 - a. Committee 123 was working on 123Forum session at the Milwaukee Convention titled Performance-based specifications. Fu, a representative of Committee 123 discussed the purpose of the session. The session was scheduled on Monday evening of the convention. Committee 329 indicated support to co-sponsor the session. Potential speakers included Ozyildirim, Obla, Hicks and Chrzanowski. Chairman Tepke would work with Committee 123 to finalize the program.
 - b. Committee 201 was organizing a session on performance based specifications relative to w/cm. The session was scheduled for the Philadelphia convention. The committee supported being a co-sponsor to this session.
 - c. Committee 237 was planning a session on self consolidating concrete in a future convention. Tepke and Chrzanowski have committed to support this session.
 - d. A possible session on Case Studies was being planned. Yazbeck and Villarreal indicated that they could potentially contribute depending on the scope of the session.

6. Committee goals were reviewed. No changes were suggested.
7. It was noted that several reference documents were available to the committee on the committee website.
8. Guide specification

The previously developed outline and the format of ACI 506.5 relative to the general format were reviewed. The committee needed to start developing the document and issuing ballots to start the process. Ken Rear has volunteered to serve in an oversight role and move the project along.

Jim Hicks and Mark Chrzanowski will take the lead on the section on Introduction and Scope. It was noted that content from ACI 329R could be appropriate for this section.

Section on Specification: General –Lobo will work with Malits, Yazbeck and Chrzanowski.

Section on Specification: Products - Hicks would lead the effort and work with Bohme.

Section on Specification: Execution - Gibbons was leading this section but was of uncertain employment status. Chairman Tepke would solicit a lead and participation for this section.

Section on Test Criteria for Performance – Owings would lead this section and work with Church, Lobo, and Yazbeck,

9. ACI 329 presentation. Chrzanowski reviewed a draft presentation that he had developed that outlined the general scope and need of performance based specifications and provided some detail on the work and documents of ACI Committee 329. The presentation would be posted on the website. Members were encouraged to review and comment on the presentation. It was indicated that case studies of projects with performance specifications could be included. Yazeck and Villarreal indicated that they could contribute to case studies. The presentation, when finalized, would be available to Committee members to use in promoting the concept of performance specifications in meetings with local groups.

10. Other Business

The Committee discussed the concept of performance classes for concrete properties and applications. The performance class could be linked to the concrete application. The concept had to go beyond the durability exposure classes. One issue could be that the highest performance class could be stated even when not necessary. Another suggestion was to consider this from the owner's needs for different structural members and establish consistent performance requirements on that basis. This type of concept could be used in the guide specification document. Hooton suggested reviewing Annex J in CSA A23.1 that covered this concept.

A general discussion on issues with MasterSpec ensued. It was indicated that much of the prescriptive requirements and inconsistencies with ACI standards exist in the originating document that was used as the basis for office master specifications.

11. There being no further business, the meeting was adjourned at 11 am

Respectfully submitted

Colin Lobo, Secretary