

**ACI 305 Hot Weather Concreting  
Committee Meeting Minutes  
Sunday, March 23, 2014  
Grand Sierra Resort  
Room Ruby I  
Reno, Nevada**

**1.0 Meeting call to order:**

Welcome from Chairman Harris at 2:00 pm.

**2.0 Introduction of members and guests:**

Voting Members attending: Terry Harris – Chair, Oscar Antommattei – Secretary, Jorge Quiros, Frank Kozeliski, Darmawan Ludirdja, TJ Harris, Darrell Elliot, Michael Faubel, Dave Nau, William Squyres, Godwin Amekuedi, and James Aldred.

Associate Members attending: James Schibley.

Guests attending: Seth Obrien, Hakim Abdelgader, Chiara Ferraris (TAC), and Tarek Khan.

**3.0 Membership Review:**

Chairman Harris mentioned that the current committee roster consists of 21 voting members, 2 consulting members and 10 associate members. Members attending meeting (13).

**4.0 Approval of Minutes from Fall 2013 meeting:**

No corrections to minutes from the Fall 2013 meeting. A motion to approve the minutes from previous meeting was made by TJ Harris and seconded by Darrell Elliot; minutes were approved with no objections.

**5.0 Review of public comments to ACI 305 Specification (Response to Ballot):**

Chairman Harris discussed that a total of 82 public comments were received, reviewed and addressed by the committee. From the latest committee ballot, there is only 1 negative vote (G. Daniels). The negative vote is related to the use of dates for the ACI/ASTM referenced documents, capitalization of first letter and use of commas, and explained by Daniels as follows:

- (1) Throughout this document both the ACI and ASTM document I.D.s include a year of last revision. Within the life span of the proposed document all of these may change. As written the user will be forced to find and use out

of date specifications. This is not acceptable. Either delete the year of last revision or in each case add or later revision.

- (2) Page 13, line 14: Delete the capital letters of Maximum and Temperature
- (3) Page 10, lines 17 and 20: Deletion of shall be in each case requires the insertion of commas after 95F and before shall.

A motion was presented by Darrell Elliot to consider non-persuasive Daniels's vote and explanation to his negative vote. Capitalization of works and use of commas are considered editorial, not technical, to be addressed by TAC, and the use of dates for ACI/ASTM referenced documents is dictated by the TCM, not by this committee. The motion is:

- Move to find Mr. Daniels non-persuasive on items 2 and 3 of his negative because these are editorial in nature and will be dealt with editorially. (Seconded by Dave Nau; Favor votes (11) and Negative votes (0))
- Move to find Mr. Daniels non-persuasive on item 1 of his negative because the TCM does not allow the changes Mr. Daniels calls for in his negative and further the changes that can be made will be made editorially. (Seconded by Michael Faubel; Favor votes (11) and Negative votes (0))

Chairman Harris thanked all committee members, in particular Michael Faubel, Jon Poole and Oscar Antommattei for the work performed reviewing public comments and updating the Spec. Cookies and coffee were made available for all attending the meeting.

## **6.0 Review of Ch. 5 of the Guide**

Chairman Harris discussed statements in Chapter 5 that must be revised to provide additional guidance. Guidance on alternatives to a potential batch plant break down should be considered. Michael Faubel, TJ Harris, James Aldred and Darmawan Ludirdja offered to provide input into this topic, including considering additional topics to be considered in the review, such as plan B batch plant, hydration control admixture, construction joint location, time requirement and slump loss testing, among others.

Some specific statements will be revised. Chairman Harris will revise statement referring to arid conditions. Oscar Antommattei will revise referring to excessive water. Michael Faubel will revise statement referring to color of drums. Tarek Khan will look at the use of set-control or retarding admixtures. Chairman Harris and Tarek Kan will look at current industry acceptable requirements for revolutions and time to deliver and mix concrete.

Slump and slump flow requirements are also discussed. Statements from CSA A 23.1 are presented for consideration of the committee. Chairman Harris will review this and provide alternative language.

## **7.0 Old Business:**

Darrel Elliot is reminded that had offer to look into providing additional references (PCA Library) for the Guide.

**8.0 New Business:**

Oscar Antommattei recommends having a session on hot weather concreting in a future convention (most probably, for Denver). The session can be on technologies, admixtures, ways to control evaporation rate, specifications, case studies and performance based approach. The committee discusses potential speakers and topics to be included. Chairman Harris will work on getting a session.

**9.0 Motion to Adjourn:**

Motion to adjourn by Darrell Elliot and seconded by Michael Faubel. Meeting adjourn at 3:27 pm.