

**ACI 305 Hot Weather Concreting  
Committee Meeting Minutes  
Sunday, October 21, 2012  
Sheraton Centre Toronto  
Elgin Room  
Toronto, Ontario, Canada**

- 1.0 Meeting call to order: Welcome from Chairman Harris at 2:05 pm.
- 2.0 Introduction of members and guests. Members attending – Terry Harris – Chair, Oscar Antommattei – Secretary, Phil Brandt, Godwin Amekuedi, Frank Kozeliski, Darrell Elliot, Diep Tu, Ken Hover and Jorge Quiros. Associate Members attending – William Squyres. Guests attending – Jeremy Chesterfield, David Rothstein and Brad Burnham. TAC Contact attending - Chiara Ferraris
- 3.0 Membership Review – Chairman Harris mentioned that the current committee roster consists of 23 voting members, 3 consulting members and 11 associate members. A committee roster was circulated and the members were asked to confirm or correct their contact information.
- 4.0 Approval of Minutes – Correction to minutes from the Dallas meeting included the correction to the name of one of the committee members, Diep Tu. A motion to approve the minutes was made by Godwin Amekuedi and seconded by Jorge Quiros; minutes were approved with no objections.
- 5.0 Review work of Bakhshi – Chairman Harris talked about the review of 3 research papers to determine its potential to be used as reference for the ACI 305 Guide. Chiara Ferraris also commented about the use and applicability of these research papers and other references that may be referred in the ACI 305 Guide. The following members volunteered to review of these research papers, as follows: Godwin Amekuedi will review 2 papers (experimental observations) and (early age moisture loss) and Frank Kozeliski will review 1 paper (model of early age). Chairman Harris said he will be reviewing these papers as well.
- 6.0 Review TAC response to ACI 305 Specification revision – Chairman Harris provides an update and brief discussion about the work performed by this committee towards the review of TAC comments, including participating in webinars to address with TAC comments. The committee will need to respond to all TAC comments and Ballot. New business will not be allowed as a response to large numbers of TAC comments, use only when necessary. Respond to Secondary and Primary comments, General or Editorial. “Done” or “Will Comply” are not adequate responses to TAC. Examples of the adequate use of some terms, such as Design Engineer or Licensed Design Professional, are discussed. Chairman Harris explains that there is no quorum to Ballot during this meeting, but that there will be a discussion about the TAC responses to agree on

how the committee will be responding to TAC. The following is a summary of the items from TAC response that were discussed during the meeting:

TAC Item 4: Re. hot weather definition

305: Review ACI concrete terminology (CT). Definition in 305 documents doesn't need to be the same as in the ACI CT.

TAC Item 11: Re. standard curing of test specimen in Section 4.2

305: Move Sections from General to Section 3 and update ASTM references

TAC Item 12: Re. Submittal

305: Agree to move section

TAC Item 14: Re. Onsite Instrumentation

305: Agree to add a Section on this

TAC Item 15: Re. use of term "introduce" for LWT aggregates

305: disagree

TAC Item 16: Re. use of term "specified"

305: see TCM 6.3.8

TAC Item 17: Re. use of term "accepted"

305: see TCM 6.3.8

TAC Item 18: Re. define "accepted evaporation control measures"

305: see TCM 6.3.8

TAC Item 19: Re. delete "accepted" and rewording of Pg 7 line 21 related to the determination of evaporation rate using the UNO equation

305: see TCM 6.3.8 and leave text as is

TAC Item 20: Re. velocity

305: changed to speed

TAC Item 21: Re. use of term "free water"

305: leave as "free water"; Dr. Hover commented that "free water" is a well-defined term

TAC Item 22: Re. use of term surface "moisture"

305: Agree to use term surface "water"

TAC Item 25: Re. use of term "specified"

305: see TCM 6.3.8

TAC Item 26: Re. use of term "measuring"

305: changed to “calculating”

TAC Item 28: Re. optional requirements for max temp 95F

305: assigned for further review by Dr. Hover and Phil Brandt to provide a response

Due to lack of time during this meeting, the Items from 29 to 77 were assigned for review by the following committee members to provide a response: (Response to these items needs to be sent via email to Chairman Harris by Nov 10, 2012. An email to remind this will be sent after this meeting.)

- Darrell Elliot: Item 29 to 39
- Oscar Antommattei: Item 40 to 50
- Jorge Quiros: Item 51 to 60
- William Squyres: Item 61 to 70
- Terry Harris: Item 71 to 77

- 7.0 ACI 305 Guide Status - Chairman Harris gave a brief update of what is the status of the rewriting of the Guide including that all chapters, with exception of Chapter 5, were discussed during the webinars. Additional references are needed for the Guide. Darrell Elliot offered his help checking the PCA library for any references of interest to the Guide.
- 8.0 Old Business – None.
- 9.0 New Business – Darrel Elliot briefly talked about the need to address hot and dry weather, such as issues with placing concrete in dry weather. A brief discussion takes place about the applicability of hot and dry weather to the hot weather committee, and the definition of hot weather. Further details about this topic may be address and develop in future meetings.
- 10.0 Motion to Adjourn – Terry Harris motioned and Darrell Elliot seconded the motion to adjourn at 4:05 pm.