

**ACI 318 Sub A – General Concrete and Construction**  
 [ACI 318 Chapters 1, 2, 3 (excluding 3.5), 4, 5, 6, and 22  
 Reorganized Chapters 19 and 26]

Reno Meeting  
 Tuesday, 25 March 2014, 1:30 PM to 6:00 PM, Meeting Room N-1

**AGENDA**

1. Call to order at 1:30 pm.
2. Introductions and sign in.
3. Announcements:
  - 3.1. Potential summer meeting. A meeting to resolve public comments has been tentatively scheduled for Monday-Tuesday, 4-5 August in Charleston, SC. We will discuss whether we can resolve any comments without the need for a meeting in Charleston.
  - 3.2. Any additional announcements from the Steering Committee meeting will be presented.
4. Approval of Agenda.
5. Approval of Minutes from the Phoenix meeting, 22 Oct 13.
6. Old Business:
  - 6.1 Ballot A14-2013 (closed 1 Dec 13.) This ballot was for Sub A only members. The ballot covered Ch 26 as sent to 318 for LB 13-7. This ballot received comments from Gerber, Hooton, and Carino. Carino had a significant number of negatives as well. Responses were prepared and changes incorporated into Ch 26 that was sent to 318 for LB 14-2. The proposed responses were included with the responses prepared for 14-2 and no comments were received.

**No further action required on this ballot.**

- 6.2. Ballot A154-2013 (closed 1 Dec 13.) This ballot was for Sub A only members. The ballot covered CA 131 as sent to 318 for LB 13-7. One comment was received on this ballot. The comment will be addressed as part of the open change item, CA 065.

**No further action required on this ballot.**

- 6.3. Ballot 318 13-7 (closed 9 Dec 13.) This ballot was for the entire Chapter 26 and CA 131.

Item	Description	Neg.	Comments	Disposition
Ch 26	Entire chapter	98 sub A	Uncounted	Responses prepared for all negatives and comments. Submitted for LB 14-1.
131	Location of provisions on maximum size of aggregate	7	4	1 negative to be found NP; 3 negatives ruled editorial; and 3 negatives withdrawn. Responses were submitted for LB 14-1.

**See comments below for LB 14-1 and 14-2. Chair Poston ruled that LB 14-2 superseded this ballot. Therefore, no final set of responses to this ballot has been prepared. No further action required on LB 13-7.**

6.4. Ballot 318 14-1 (closed 23 Jan 14.) This ballot was on the responses to LB 13-7. LB 14-1 was withdrawn because 318 members were having trouble following the multiple changes that had been made to Ch 26 in response to the comments on 13-7. A clean version incorporating all changes and including multiple notes was prepared. The notes indicated issues where input from the committee was required. This version was balloted on LB 14-2.

No further action required on this ballot.

6.5. Ballot318 14-2 (closed 10 Feb 14.) This ballot was for the entire Chapter 26 and CA 131.

Item	Description	Neg.	Comments	Disposition
Ch 26	Entire chapter after 13-7	61 sub A	Uncounted	Responses were prepared to all negatives and comments, and these responses were sent to 318 for review. A webinar was held on 28 Feb to resolve several open issues requiring committee input. All open issues were resolved and all recommendations in the responses were approved during the webinar.
131	Responses to 13-7 and revised CA 131	2	2	1 negative was Wyllie voting against the recommendation from 13-7 that he be found NP. Because his was the only negative, the recommendation of finding him NP was upheld. 1 negative was persuasive resulting in a substantive change to the commentary.

Based upon the results of the webinar, a final version of Ch 26 was prepared for submittal for TAC review. TAC review comments are to be available on Sunday, 23 March. These comments will be discussed during the Sub A meeting. No further action required on this ballot.

6.6. Ballot 318 14-3 (closed 10 Mar 14.) This ballot was on proposed responses to TAC comments for all of 318-14 with the exception of Ch 26.

Sub A received 3 general comments and 38 specific comments on Ch 19 from the TAC review. Of the 38 comments, 6 were designated as primary. Several members of Sub A contributed to the proposed responses. A copy of the proposed responses was sent to Sub A members on 6 Feb 14. A copy is also attached.

The version of Ch 19 that was sent to TAC for review contained several errors. These errors have since been corrected and a copy of the most current version of Ch 19 is attached.

On ballot 14-3, there were 15 comments on the proposed responses. Of these, 5 were negatives. A copy of the comments from this ballot is attached.

Sub A will resolve the LB 14-3 comments during this meeting.

6.7. Summary of all CA items. An updated list of all CA items as of before the Reno meeting is attached. This list currently shows 12 active items that will be carried over into the next Code cycle. Following are changes since the Phoenix meeting:

CA 131 – Locate requirements for MSA in Ch 26. Final approval on LB 14-2.

6.8. TAC comments from review of Ch 26. As noted above, comments from the TAC review of Ch 26 are expected to be received on Sunday, 23 March.

Sub A will prepare responses to the TAC comments during this meeting.

The following old business items have been carried on the agenda for some time. Unless there is an objection, these items will be carried over to the next code cycle.

6.9. Performance specifications and implications for 318. Topic remains open for possible action during this code cycle.

6.10. Adding alkali-silica reactivity (ASR) to the Code. Of all of the major durability issues with concrete, only ASR is not addressed in the Code. After discussion, a Task Group of Folliard, Hooton, and Fiorato was formed to review this issue and make a recommendation to the committee during the meeting in New Orleans. In Chicago, Tony reported that ASTM C09 is preparing a specification for dealing with ASR. Sub A agreed to put any action on hold until that document is completed. It was agreed that it is still premature for Sub A to take any action here. This item will remain on the agenda until action is taken.

7. New Business:

Note that the following new business items have been carried on the agenda without action for some time. Unless there is an objection, these items will be carried over to the next code cycle.

7.1. Core waiting period.

7.2. Add recycled aggregate to the Code.

7.3. Various new work items resulting from review of Version 1 of the reorganized Code. These items are being incorporated into the possible new work lists as chapters are adopted.

7.4. w/cm versus strength for durability.

7.5. Chloride ion restrictions in concrete containing aluminum embedments.

7.6. Inquiry regarding appropriate strength for w/cm for durability.

7.8. Ward Malish issues regarding brackish water.

7.9. Review of EN Durability Classes.

7.10. Coverage of structural grout in the code. Issue was raised during the Minneapolis meeting.

7.11. Editorial issues regarding Exposure Class C0.

7.12. Sub A sponsored session.

7.13. Change w/cm and required strength for Exposure Class S3.

7.14. Exceeding maximum  $f'_c$  in table 19.2.1.1.

8. Adjourn. In time to attend the Mixer.