

ACI COMMITTEE 439 on REINFORCING STEEL MEETING NOTICE AND AGENDA

To: Members of ACI Committee 439
From: Mark D. Marvin, Chair
William C. Gallenz, Secretary
Date 15 March 2010

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ACI COMMITTEE 439 MEETINGS SUMMARY Spring 2010 — Chicago, IL, Sheraton Chicago

COMMITTEE NUMBER	COMMITTEE NAME	DAY	TIME	ROOM
439	Steel Reinforcement	Mon, Mar 22	8:30a-10a	Parlor C
439-A	Steel Reinf-Wire	Sun, Mar 21	3:30p-5p	Ohio

AGENDA -- COMMITTEE 439 ON STEEL REINFORCEMENT (Main committee meeting on Monday, 22 March 2010)

1. Call to order and introductions
2. Membership overview
3. Approval of minutes from Fall 2009 meeting in New Orleans, LA (attached)
4. Subcommittee reports
 - 4.1. 439 A on Welded Wire Reinforcement – Ted Mize, Chair; Ryan Pelter, Secretary
5. Task Group Reports
 - 5.1. Field straightening reinforcement: testing status update – Mario Rodriguez, Chair
 - 5.2. New high strength steel – Salem Faza, Chair
 - 5.3. Status update of “Comprehensive Guide...”
6. Discussion of upcoming Pittsburgh Session – Announcement of Speakers
7. Review of Mission Statement and Goals – New discussion items and potential publications
8. Other Old Business
9. New Business
10. Adjournment

cc: David Bird, TAC Contact



DRAFT MINUTES FOR ACI COMMITTEE 439

March 16, 2010

Address writer at:
Reinforcement Solutions, Inc.
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To: Members of ACI 439
From: William C. Gallenz, Secretary

E-mail: wgallenz@rsinc.bz

**Subject: 439 Main Committee minutes for the meeting held:
Monday, November 9, 2009 (8:30am – 10:00am)
New Orleans, LA, Marriott New Orleans, Napoleon**

1. Call to order: 8:35 A.M.

1.1. Chairman Marvin welcomed all attendees to the meeting and then asked for a brief moment of silence to pay our respects to the passing of longstanding 439 member and founder of the 439-A subcommittee, Mr. Bob Richardson.

2. Attendance:

2.1. Voting Members Present: M. Marvin, W. Gallenz, B. Barrows, J. Bohinsky, A. Carroll, L. Colarusso, D. DeValve, A. Felder, P. Fredrickson, T. Hawkinson, S. Holdsworth, K. Luttrell, L. Lutz, P. Meza, T. Mize, C. Paulson, R. Pelter, R. Ramsey, R. Reiterman

2.2. Voting Members Absent: D. Carreira, S. Faza, A. Hulshizer, H. Lancelot, C. Maki, M. Rodriguez, C. Sabo, R. Smith, D. Starnes, K. Williamson, W. Zehrt, P. Zivich

2.3. Other Members Present: Graham S.

2.4. Visitors Present: B. Geers, J. Kwok, A. Munzer, B. Mihaela, D. Gustafson

2.5. Summary: 19 Voting Members present, 12 Voting Members absent, 1 Other Members present, 5 Visitors present.

2.5.1. As of the date of the meeting, committee membership stood at 30 Voting, 3 Associate and 6 Consulting members.

3. Minutes Approval:

3.1. The minutes as presented from the Spring, 2009 San Antonio, TX meeting were unanimously approved. (Motion: DeValve, Second: Reiterman)

4. Subcommittee Reports:

4.1. 439-A on Wire Reinforcement (T. Mize, Chair, R. Pelter, Secretary) – Subcommittee A met on Sunday November 8, 2009.

4.1.1. Attendance: There were 13 in attendance. 12 members, 1 visitor.

4.1.2. Update was given by T. Mize regarding proposed changes to ACI 318

4.1.2.1. Proposal for maximum spacing limitation will be revisited in the future.

4.1.3. Discussions ensued regarding continuity among sections in the 318 code regarding lap splices.

4.1.3.1. D. Starnes to submit formal question to ACI-439A subcommittee regarding lap distance/development length.

4.1.4. T. Mize gave status update regarding ASTM A1064 combined specification.

4.1.5. Sustainability discussions continued.

4.1.6. Subcommittee discussed various implementation goals



- 4.1.6.1.1. Mission statement
- 4.1.6.1.2. Field handling and placing
- 4.1.6.1.3. Certification program
- 4.1.6.1.4. Yield strength data

5. Task Group Reports:

5.1. Field Straightening Reinforcement: testing status update – Mario Rodriguez, Chair

5.1.1. Mario Rodriguez was not present, so no report was filed.

5.2. Report “Steel Reinforcement – Physical Properties & U.S. Availability” (L. Lutz, Chair)

5.2.1. Chairman Marvin announced that the Physical Properties Guide was approved and published by ACI. He thanked Mr. Leroy Lutz, the task group and all members for their hard work and perseverance over an extraordinary time period in order to get the guide publishes.

5.3. New High Strength Steel (S. Faza, Chair)

5.3.1. Johnny Kwok provided an update in the absence of Mr. Faza. He stated that ITG-6 has received the first comments back from TAC and would be responding accordingly.

5.3.2. Status update of “Comprehensive Guide”

5.4. Chairman Marvin stated that due to many code and specification changes, the Comprehensive Guide to Welded Wire Reinforcement would be sent back down to the 439-A subcommittee for review and revision to bring it up to date with the current codes and specifications. He further stated that he would like the document back for full committee review in time for the Pittsburgh, PA meeting.

6. Discussion on possible upcoming session

6.1. Chairman Marvin noted that the session on High Strength & Corrosion Resistant Steel was submitted for Chicago review. TAC contact Mr. David Bird noted that the deadline for final approval was Friday, November 13, 2009. Marvin asked for final speakers and abstracts prior to that date in order to try and secure a Chicago time slot.

6.2. The final title of the session was decided as “High Strength & Corrosion Resistant Reinforcing Steel for Concrete Structures”

6.3. The list of potential speakers was fixed as Johnny Kwok, Andres Lepage, Carl Maki, Catherine Houska, David DeValve and Paul Fredrickson with Mark Marvin and Roy Reiterman serving as moderator and co-moderator.

7. Review of Mission Statement and Goals (ACI Requirement):

7.1. A review of the mission statement and goals were discussed. Chairman Marvin noted that since the Physical Properties Guide was complete and a goal of a session sponsorship was met, we needed to re-think the goals and additional tasks that the committee would want to accomplish.

8. Other Old Business:

8.1. No other old business discussed.

9. New Business:

9.1. No new business issues proposed.

10. Adjournment:

10.1. R. Reiterman motioned, T. Mize second.

cc: David Bird, TAC Contact

ACI SUBCOMMITTEE 439-A AGENDA

March 9, 2010

To: Members of ACI Subcommittee 439-A

From: Ryan Pelter
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Phone: 419-294-3817

Email: rpelter@ewpinc.com

Date: Sunday, March 21, 2010

Place: Chicago, IL – Sheraton Chicago – Ohio Room

Time: 3:30 – 5:00pm

- 1 – Call to order.
- 2 – Introduction and welcome guests and new members.
- 3 – Approval of minutes from the New Orleans meeting (attached).
- 4 – Subcommittee membership update.
- 5 – Changes to ACI 318.
 - a. Material and use related changes to 318-14.
- 6 – Discussion/report on proposed ACI Guide document.
 - a. Update ASTM references
 - b. Add sustainability section?
- 7 – Subcommittee review of implementation goals.
 - a. Discuss educational plan and timeline – coordinate with guide document.
 - b. Discuss new ideas for subcommittee goals and mission statement.
- 8 – Report on new or revised ASTM Standards.
- 9 – New business.
- 10 – Next meeting date & time.
- 11 – Adjournment.

ACI SUBCOMMITTEE 439-A MINUTES

Date: Sunday, November 8, 2009

Place: New Orleans Marriott – Balcony M

Time: 12:30 – 2:00pm

- 1 – Call to order.
 - Meeting called to order at 12:35PM.

- 2 – Introduction and welcome guests and new members, announcements.
 - 12 members and 1 guest in attendance. The subcommittee observed a moment of silence in remembrance of Bob Richardson. Ted noted that Bob had been the founder of the 439-A subcommittee. P. Ross and K. Williamson have been contacted about inactivity on the subcommittee.

- 3 – Approval of minutes from the San Antonio meeting (attached).
 - Motion to approve minutes by M. Marvin, second by D. DeValve.

- 4 – Subcommittee membership update.

- 5 – Changes to ACI 318.
 - a. Material and use related changes in 318-14.
 - No changes to discuss.
 - b. Proposed changes for 318.
 - Proposal for maximum spacing limitation will be revisited in the future.
 - The subcommittee had discussion about whether there was continuity among sections in the 318 code regarding lap splices. Research on lap splices was done by Kessler at the University of Illinois in the early 1960's. Ted mentioned that D. Darwin had looked through the research for information regarding the small bar factor.

- 6 – Discussion/report on proposed ACI Guide document.
 - M. Marvin said that the guide will be sent back to 439-A to incorporate recent changes in 318 and ASTM.
 - a. Update ASTM references.
 - Ted mentioned the new combined wire and WWR standard is A1064.
 - b. New section on Sustainability?
 - Luke Snell is working on a new subcommittee on sustainability that will meet in the near future and Ted suggested that we include a chapter on sustainability in the guide document. P. Fredrickson mentioned contacting CRSI on the work they're been doing on sustainability. He also mentioned that ACI already has a committee on sustainability (130).

- 7 – Subcommittee review of implementation goals.
 - a. Discuss educational plan – intro of guide document at session?
 - b. Discuss mission statement and new ideas for subcommittee goals.

- M. Marvin intends to forward mission statement for 439-A to Ted.
- D. DeValve mentioned a guide for field handling and placing of WWR. Possibly include information on bending. P. Fredrickson mentioned a CRSI placement certification program that should include WWR.
- Ted mentioned that wire producers should begin collecting data on yield strength using the offset method to have comparative data to present to ACI in the future.
- P. Fredrickson mentioned that we should discuss the higher yield strengths for rebar in the 439 meeting to review the offset and EUL methods.
- M. Marvin asked the subcommittee whether a goal for the future should be exploring higher strength wire.

8 – Report on new or revised ASTM Standards.

- The galvanized WWR standard is going to the main committee for ballot and should be approved by the next meeting.

9 – New business.

- M. Marvin mentioned that the physical properties guide has been published.

10 – New meeting date & time.

- The subcommittee plans to request a 3:30 PM Sunday meeting time.

11 – Adjournment.

- Motion to adjourn by D. DeValve, second by D. Ramsey. Meeting adjourned at 1:40 PM.