

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 07 April 2013

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ACI COMMITTEE 439 MEETINGS SUMMARY Spring 2013 — Minneapolis, MN, Hilton

COMMITTEE NUMBER	COMMITTEE NAME	DAY	TIME	ROOM
439	Steel Reinforcement	Mon, Apr 15	8:30a-10a	C-101 G
439-A	Steel Reinf-Wire	Sun, Apr 14	4:00p-5:30p	C-M100J

AGENDA -- COMMITTEE 439 ON STEEL REINFORCEMENT (Main committee meeting on Monday, 15 April 2013)

1. Call to order and introductions
2. Membership overview
3. Approval of minutes from Fall 2012 meeting in Toronto, ON (attached)
4. Subcommittee reports
 - 4.1. 439 A on Welded Wire Reinforcement – David DeValve, Chair
5. ITG 6 task group update
6. Review and Discussion of “Comprehensive Guide...” – Download revised guide for review
7. New Business
8. Announcement of new 439 Chair
9. Adjournment

cc: Catherine French, TAC Contact



DRAFT MINUTES FOR ACI COMMITTEE 439

April 8, 2013

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 October 22, 2012 (8:30am – 10:00am)
Toronto, ON, Sheraton Centre, Essex**

1. Call to order: 8:30 A.M.

- 1.1. Chairman Marvin called the meeting to order and welcomed all attendees to Toronto.
- 1.2. Member introductions

2. Attendance:

- 2.1. Voting Members Present: M. Marvin, W. Gallenz, B. Barrows, G. Biro, L. Colarusso, D. DeValve, S. Faza, A. Felder, T. Hawkinson, K. Luttrell, L. Lutz, C. Maki, D. McDonald, R. Ramsey, D. Starnes
- 2.2. Voting Members Absent: J. Bohinsky, D. Carreira, A. Carroll, P. Fredrickson, S. Holdsworth, A. Hulshizer, J. Ison, H. Lancelot, T. Meyer, P. Meza, T. Mize, C. Paulson, R. Pelter, H. Reed, R. Reiterman, M. Rodriguez, C. Sabo, R. Sneckenberg, W. Zehrt, P. Zivich
- 2.3. Other Members Present: S. Graham
- 2.4. Visitors Present: J. Hetherington
- 2.5. Summary: 15 Voting Members present, 20 Voting Members absent, 1 Visitors present.
 - 2.5.1. As of the date of the meeting, committee membership stood at 35 Voting, 4 Associate and 6 Consulting members.

3. Minutes Approval:

- 3.1. Minutes from Spring 2012 meeting in Dallas, TX informally approved due to lack of quorum.

4. Subcommittee Reports:

- 4.1. 439-A on Welded Wire Reinforcement (D. DeValve, Chair, G. Biro, Secretary) – Subcommittee A met on Sunday October 21st, 2012.
 - 4.1.1. D. DeValve presented meeting highlights
 - 4.1.1.1. Discussion of WWR detailing development
 - 4.1.1.1.1. T. Hawkins will coordinate with 315 to advance discussion
 - 4.1.1.2. Discussed Comprehensive Guide comments
 - 4.1.1.3. Discussed future goals and agenda
 - 4.1.1.4. D. DeValve is finishing edits to Comprehensive Guide document and will post it to the website for review
 - 4.2. ITG 6 task group update
 - 4.2.1. Chair Marvin stated that document needs to go to document committee. We were told 3-4 weeks, but it has now been 3-4 months.
 - 4.2.2. S. Faza gave update as to guide procedure to eventually make it to 318



- 4.2.3. S. Faza suggested that we obtain document and discuss what sections need to be updated
- 4.2.4. Chair Marvin will request C. French to assist with action on document
- 4.2.5. K. Luttrell requested to be on task group standard
- 5. Review and Discussion of "Comprehensive Guide"
 - 5.1. Extensive review of guide by D. DeValve and committee members
- 6. Other Old Business
 - 6.1. None
- 7. New Business
 - 7.1. None
- 8. Adjournment
 - 8.1. T. Maki 1st, DeValve 2nd

cc: Ms. Catherine E. French, TAC Contact

ACI SUBCOMMITTEE 439-A AGENDA-Spring 2013

Sun. April 14, 2013

TO: Members of ACI Subcommittee 439-A

FROM: DAVID DeVALVE

Oklahoma Steel & Wire Co.

1041 So. 1st

Madill, OK 73446

PHONE: 580-795-6007 Email: ddevalve@oklahomasteel.com

DATE: Sunday, April 14, 2013

Place: Minneapolis, MN-Hilton - Rm.

Time: 4:00-5:30 PM

- 1 – Call to order.
- 2 – Introduction and welcome guests and new members.
- 3 – Approval of meetings minutes from the Toronto-Fall 2012.
- 4 – Subcommittee membership update.
- 5 – Changes to ACI 318 and Detailing drawings to 315B.
 - a. Material and use related changes to 318-14.
 - b. Bend Details to 315B for WWR.
- 6 – Discussion/report on ACI Guide document & edits from comments returned-Oct. 16, 2012.
 - a. Review any major changes...
- 7 – Subcommittee review of implementation goals.
 - a. Discuss educational plan and timeline – coordinate with guide document release.
 - b. Discuss any new ideas for subcommittee goals and mission statement (see minutes from previous 439A meetings).
- 8 – Report on new or revised ASTM Standards.
- 9 – New business: E701-E2 Reinforcing document comments submitted to E701-Feb 2013-response? (David)
- 10 – Next meeting date & time: Sun. 10/20/2013, Phoenix, AZ. Hyatt
- 11 – Adjournment.



DRAFT MINUTES FOR ACI SUBCOMMITTEE 439A

January 25, 2013

Address writer at:
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To: Members of ACI 439A

From: George T. Biro, Secretary; David H. DeValve, Chair [e-mail: ddevalve@oklahomasteel.com]

**Subject: 439A Sub-Committee minutes for the meeting held:
Sunday, October 21, 2012 (3:30pm – 5:00pm)
CN-Sheraton Centre – Toronto, Conference G**

1. Call to order:

Chairman DeValve called the meeting to order at 3:40 PM.

2. Introduction and welcome new guests and new members:

Chairman DeValve welcomed members and guests. Chairman Marvin indicated that he would expedite the new member applications and would recommend acceptance by the ACI committee review panel.

Members present: B. Barrows, G. Biro, D. DeValve, W. Gallenz, T. Hawkinson, L. Lutz, M. Marvin, R. Ramsey, H. Reed, D. Starnes.

Members Absent: R. Pelter, T Mize, R. Reiterman, R. Sneckenberg Guests: None present.

3. Minutes Approval:

Minutes from the Dallas meeting were approved, motion by M. Marvin, second by H. Reed.

4. Subcommittee Membership Update:

Tom Myers is added as a committee member. K. Williamson is no longer on 439. There are 16 official members of 439.

5. Changes to ACI 318 and Detailing drawings to 315B:

a. Material and use related changes to 318-14

The 135 degree hook detail and the 3" extension requirement for hooks in stirrups and ties remain to be addressed with 318B. M. Marvin asked if these items must also go to 315.

ACI seeks to package an updated detailing manual along with the next version of the 318 Code.

b. New business ACI 315B (Detailing Manual)

Sections of the 315 manual are to be committee balloted by chapter. The balloting schedule is currently unknown. The sub-committee was again asked to submit bend details for Welded Wire Reinforcement so that Todd can pass along the information to 315B. Todd and Mark stated that many existing bend details already were for wire. It was suggested that we adopt the same designation for those reinforcing types that are feasible using wire or WWR.

Hal asked if there are substantial differences between the CRSI manual and the ACI manual in terms of details and tolerances. These manuals are basically the same. The RSIO manual is also similar.

Dyke raised a concern that specifiers may not leave sufficient room between the start of a bend and the closest transverse wire, which may lead to broken weld intersections during the bending operation. M. Marvin stated that the ACI 318 code addresses this issue.

6. Discussion/report on proposed ACI Guide document on comments returned-Oct 10, 2011:

D. DeValve explained that ACI staff was most helpful in re-formatting the Comprehensive Guide document.

M. Marvin wishes to continue work on the document utilizing the clean 9-18-12 version.

7 Subcommittee review of implementation goals:

- a. Complete review of the educational document E701.E2 and send comments to E701.
- b. Continue efforts of the 315B detailing manual and write an article on constructability.
- c. Field handling of WWR:

Rust

Broken Welds:

Handling and Storage

8 Report on new or revised ASTM Standards:

ASTM A1060: (Galvanized) WWR contains an error in the table. This ASTM committee is working through two negatives received during balloting.

ASTM 1064: Research is lacking for the bond characteristics of D45 wire. Some research suggests that different deformations are needed for D45 wire. Dr. Degrees did the original research. Dr. Dawrwin disagreed with that research. Currently in the wire industry W45 is made, but D45 is not currently being made.

Todd suggested revisiting S1 & S2 for ASTM A1064 with the S2 Supplement being a method determining values we can get using the 2% offset method. Perhaps we should look at going to 2% offset for wire. MMFX has been approved in ASTM A1035 for the 2% offset method of determining the yield stress. M. Marvin stated that this would likely be a significant industry issue for manufacturing and testing.

ITG6 –10 High Strength (already on the market?!) to come up to main committee for review and reported on-revisions and changes to be made - (when?!?)

9 New business:

D. DeValve summarized the comments on E2 that have been received to date”

Change WWF to WWR

ASTM Standards update references

Content symantics

10 Next meeting date and time:

The next meeting will be at the ACI Spring Convention in Minneapolis, MN, Ontario, on Sunday, April 14th at the Hilton & Minneapolis Convention Center from 4:00 pm to 5:30 pm in room C-M100.

11 Adjournment: @ 5:10 PM

A motion to adjourn was made by Hal Reed, and seconded by Todd Hawkinson.