Minutes of Meeting
Committee 121
Quality Assurance Systems for Concrete

Sheraton Chicago Hotel & Towers
Lincoln Boardroom
Chicago, IL

Sunday March 21, 2010
3:00 to 5:00 pm

1. Call to Order and Welcome
   The Chair, Paul Hedli, called the meeting to order at 3:00

2. Introduction of Members and Guests
   The eleven attending members, five guests, and the ACI Staff Member introduced themselves.

3. Update of Membership Status
   The status of Michelle Walters has been changed from associate to voting member.

4. Establish Date of next Meeting
   The next meeting will take place in Pittsburgh on Sunday, October 24, 2010, from 3:00 to 5:00 PM

5. Attendance
   Attending were the following:

   **Voting Members:**
   1. Hedli, Paul
   2. Ardahl, Jon
   3. Tyler, Thomas
   4. Amerkuedi, Godwin
   5. Brooks, Paul
   6. Greene, Tom
   7. Riehle, Ryan
   8. Schor Johan
   9. Takhtovich, Eugene
   10. Vogt, Woodward
   11. Walters, Michelle

   **Guests**
   1. Koeler, Eric
   2. Osburn, Michael
   3. Soares-Meneges, Caroline
   4. Werner, Anne
   5. Vaughan, John
ACI Staff
1. Zeisler, Greg

6. Approval of Minutes from (Previous) Meeting
The Minutes from the St Louis Convention were accepted by the Committee

7. Announcements
Chair Hedli announced that he will be stepping down as Chair and will be replaced by Secretary Tyler. Michelle Walters will take over as the new Secretary. The web site will be updated to reflect this.

8. Old business:
   These still remain open. Chair Hedli suggested we that if we are to update the current document to comply with ISO 9001-2008, we should simply address them in the revision.
B. Technical Session Update – Chicago
   The first session the Committee presented was given in New Orleans and comprised 6 speakers. The second of the sessions took place here in Chicago on Wednesday 3/24/10 at 9 AM in the Sheridan Room. Ryan Riehle organized and acted as commentator for the Chicago Session. There were seven presentations given as follows:
   1. Johan Schor
      Quality Management for the Trans Hudson Express (THE) Project
   2. Casimir Bognacki –
      Quality Assurance on the Port Authority of NY and NJ Projects
   3. Thomas Tyler –
      Constructor Quality Management at the WTC Transportation Hub Project
   4. Michelle Walters
      Running a Large QAS Concrete Program
   5. Thomas Green
      Quality Management Methods for the Manufacture of Chemical Admixtures
   6. Paul Brooks
   7. Eric Koehler
      In-transit Process Control for Ready Mixed Concrete.
The committee extends its gratitude to those who took the time and initiative to share their knowledge and experience and make something happen for the Committee. Please refer to the attachments for photos of the speakers.


The ensuing discussion highlighted that the advantage to revising our document to comply the new ISO gives us the opportunity to improve on it and address some of the open questions remaining from the TAC initial review. Johan Schor said he would participate in a rewrite of the document and a request will be made for more participants to form a daft committee.

Tom Tyler had approached Greg Zeisler of ACI staff to pursue the possibility of embedding the ISO text back into the document when it was to be revised to comply with the 2008 version. Subsequent to the convention, Greg got back to Tom with a request for some information for ISO to use in their assessment of this possibility. Tom needs to follow through on getting this information to Greg. The inclusion ISO verbiage in text boxes in the document, followed by the ACI 121 commentary, gives the document a more user friendly approach and would be a great benefit, if the royalty cost is not too high.

9. New Business

A. Changes in the Chair

As pointed out previously, Paul Hedli will be stepping down and Tom Tyler will be taking over as Chair. Michelle Walters will become the Committee Secretary.

B. Best Wishes from Paul Z.

Paul Zoltanetzky had sent an email congratulating Paul Hedli on a job well done and giving Tom Tyler a dose of encouragement for the his future work on the Committee. The email was read aloud to the members.

C. Topics for discussion / Ideas for going forward.

An open discussion took place in which new ideas were brought up. It was suggested to develop a document by which an audit format could be generated for assessing the effectiveness of a concrete quality program. Some of the elements of this could be based on a business approach by which purchasing and past performance could be used as a tool. Discussed was whether this should be based on a performance or a prescriptive system of requirements. It was also pointed out that it was
quite possible to have and overlapping of this document with others in already in existence by NRCMA who evaluates and certifies suppliers and CCRL who evaluates and certifies labs.

D. Proposal for a New Session
Subsequent to the meeting Ryan Richle contacted Tom Tyler and proposed a session on Water Control be applied for at the Tampa Convention. The preliminary application was filed before the deadline of March 26.

8. Adjourn
The meeting was adjourned at 5:00

Paul Hedli
Chair

Thomas Tyler
Secretary

Attachments:
Sign in Sheet
Email from Paul Zoltanetzky
Photos of session Speakers
<table>
<thead>
<tr>
<th>Name</th>
<th>Comm. Member?</th>
<th>Visitor?</th>
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<tbody>
<tr>
<td>Paul Hedli</td>
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<tr>
<td>Johan Schor</td>
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<td>Tom Greene</td>
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<td>John Vaughan</td>
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<td>Gene Tecakovich</td>
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<td>Godwin O. Amekeudi</td>
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<td>Ryan Riehle</td>
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<td>Stephen Marchese</td>
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<td>Michele Walters</td>
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<td>Paul Brooks</td>
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<td>Jon B. Audrid</td>
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<td>Thomas Helfer</td>
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<tr>
<td>Michael Osburn</td>
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<tr>
<td>901 Fair St, Franklin, TN 37064, 615-650-0840</td>
<td>✓</td>
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</tr>
<tr>
<td><a href="mailto:awerner@esu.edu">awerner@esu.edu</a>, Southern Illinois University, Edwardsville</td>
<td>✓</td>
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</tr>
<tr>
<td>Anne Werner, 5041 Springfield Dr, Edwardsville IL 62025</td>
<td>✓</td>
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<tr>
<td>Eric Koehler, WR Grace</td>
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<td>✓</td>
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<tr>
<td>Caroline B. Sonce Mangold, University of California, Building</td>
<td>✓</td>
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<tr>
<td>305-718-0567, <a href="mailto:CARDISDALE@EDEL.COM">CARDISDALE@EDEL.COM</a>, EDW</td>
<td>✓</td>
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*Technical Committee Attendees: The purpose of an ACI technical committee is to reach consensus and publish information on concrete-related issues within its mission. The discussions at the committee's meetings are part of this consensus process, and are not the official position of the committee. Only a published committee document represents the formal consensus of the committee and the Institute.

** Visitors interested in committee membership should contact the chair or visit the ACI website, www.concrete.org, for a membership application.
<table>
<thead>
<tr>
<th>Committee:</th>
<th>Date:</th>
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<tbody>
<tr>
<td>Name and Address (Please Print):</td>
<td>Comm. Member?</td>
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<tr>
<td>* Members - Please give address, phone number, and e-mail only if changed</td>
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<tr>
<td>* Visitors - Please give complete address, phone number, and e-mail</td>
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<tr>
<td>GREG ZEISLER</td>
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Return this Form to the Committee Chair or Secretary
Message from Paul Z.  Feb. 23, 2010

Good Afternoon Tom
Please read this to the committee and include in minutes if you so chose to.

Sorry but now retired/working part time, and unfortunately as much as I would really love to attend,,,,cannot.  I will truly miss you all.

Just a word of THANK YOU Paul Hedli, my former Secretary of Committee 121
Paul H served both me and the Committee with extreme dedication, giving tons of effort and most important timely results. And thank you Michelle for your invaluable assistance.  Paul's term of Secretary made him the most logical candidate for Chairman of ACI Committee 121

Paul H, by serving these past six years as Chairman, and leading the committee to accomplish all it has, has vindicated my choice of him as Chairman.  Congratulations Paul H on all the great work, all that you have inspired the Committee to perform, and the results you and your committee all have accomplished.  All of you on Committee 121 should be proud of your efforts and accomplishments.  Again, Paul H I, as former Chairman am deeply proud of all you have accomplished as Chairman.....

And to you Tom.....the best of Luck and success in continuing to lead the committee, as they say...onward and upward...to even greater accomplishments

Good Luck Tom and to you all

Paul Z---past, past chairman
Spring 2010 ACI Convention – ACI 121 Technical Session

Johan Schor
Quality Management for the Trans Hudson Express (THE) Project

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In-transit Process Control for Ready Mixed Concrete