

## Minutes of ACI 363 – High Strength Concrete

Wednesday, March 24, 2010

ACI Spring Convention – Chicago, IL

Presiding: Chair John J. Myers

Minutes Prepared By: Secretary Micah Hale

### 1.0 Welcome and Introduction

Chair Myers called the meeting to order at 8:40 AM. Those present introduced themselves, and an attendance sheet was circulated for all to sign.

Signing the attendance sheet were the following.

Name	Member Status	Name	Member Status
John Myers	Member & Chair	Charles Nmai	Member
Micah Hale	Member	Ava Shypula	Member
Mike Caldarone	Member	Bob Sinn	Member
Per Fidjestol	Member	Mauricio Lopez	Member
Shawn Gross	Member	Jim Hicks	Member
Mark Luther	Member	Allyn Luke	Member
Bill Quinn	Visitor	Dan Jansen	Member
Henry Russell	Member	Michael Gardner	Member
Bernard Hertlein	Member	Konstantin Sobolev	Member
Walt Flood IV	Member	Eric Peterson	Visitor
Mike Russell	Member		
Jared Brewe	Member		
Mahmut Ekenel	Visitor		

### 2.0 Review and Approval of the Minutes from the New Orleans Meeting

Copies of the Fall 2009 minutes were circulated. Those in attendance reviewed the minutes and approved them as presented.

H. Russell made a motion to accept minutes and M. Caldarone seconded the motion.

### 3.0 Review and Approval of Agenda

J. Myers discussed meeting agenda. No additions were made to the agenda.

H. Russell made a motion to accept the agenda and P. Fidjestol seconded the motion.

#### **4.0 Committee Membership**

J. Myers updated the committee on membership. The total membership has increased from 58 total members (29 voting members, 26 associate members, and 3 consulting members) to 61 members (31 voting members, 27 associate members, and 3 consulting members).

#### **5.0 Update Future Session**

M. Hale will work with ACI 423 (Prestressed Concrete) on a High Strength SCC Session for the Tampa Convention.

J. Myers commented that ACI is moving one of the yearly conventions to a smaller market. At the smaller markets, the conventions will focus on committee meetings. He also stated session times will change from a 3 hour format to a 2 hour format.

#### **6.0 Status of 363R-10 “Report on High Strength Concrete”**

J. Myers reported that the document is complete and thanked everyone for their work on the document. He also stated that committee members should receive a complimentary copy.

#### **7.0 Status of 363.2R-XX Revised “Guide to Quality Control and Testing of HSC”**

J. Myers reported that the document has been sent to ACI staff for final review. He stated that the committee may have to formally address H. Russell’s negative. He then thanked the committee for their work on the document.

#### **8.0 ACI 363 Report on Lightweight HSC Document Status (Sub Committee Chair Mauricio Lopez)**

J. Myers congratulated M. Lopez on the birth of his daughter.

M. Lopez reported that the document is approximately 50 percent complete, and a couple of chapters will be ready for review by the Fall Convention in Pittsburg.

J. Myers suggested the committee first work on the chapters that needed the least amount of change.

#### **9.0 IGT4.2-06 – Task Group Report from H. Russell and J. Myers**

H. Russell provided an overview of the document and discussed the similarities between IGT4.2-06 and 363R-10.

M. Caldarone asked if there were any conflicts between the two documents. H. Russell replied that there were no conflicts.

H. Russell stated that the committee could ballot the document and this would provide the committee some time (2010 – 2011) to resolve negatives. Balloting the document would force members to read the document. If the document is approved, it would become a 363.3 document

S. Gross asked if the committee had inherited the ITG4.1 and ITG4.3 documents too? J. Myers responded no.

H. Russell stated that the committee has until 2018 to combine 363R-10 and ITG4.2. M. Caldarone agreed with H. Russell and stated the goal is to marry the two documents.

J. Myers asked when the document should be balloted. No response from the committee.

#### **10.0 ACI 211 – Task Group Report from R. Burg**

M. Caldarone provided an update from the subcommittee. The subcommittee found the document to be good and recommended 363 review the document. M. Caldarone stated the document (211) was heavy in some areas and light in others.

J. Myers asked the subcommittee to identify sections where improvements are needed. He asked the task group to develop a framework/structure/outline of the document. Committee members can then be assigned chapters to revise. J. Myers asked that the outline be completed by the Fall Convention in Pittsburg.

#### **11.0 Committee Presentations**

- 11.1 “Practical Experience in Quality Control of High-strength Concrete in Chicago” by B. Hertlein and W. Quinn
- 11.2 Update on Revised “ASTM C 1600 Standard Specification for Rapid Hardening Hydraulic Cement” by J. Hicks

J. Myers thanked the gentlemen for their presentation.

J. Hicks asked the committee to adopt ASTM C 1600 as a reference document. J. Myers agreed and that ASTM C 1600 be placed in the committee’s documents on the webpage.

## **12.0 Other Business**

### **12.1 Conferences and Symposiums**

The PCI/fib conference in D.C. and the HPC/HSC Conference in New Zealand were mentioned.

### **12.2 HSC projects**

J. Hicks commented that the Freedom Tower in NYC is using 8 to 14 ksi concrete.

A. Shypula reported on a 55 story structure in NYC.

K. Sobolev reported on HSC used in a nuclear facility.

## **13.0 New Business**

### **13.1 HSC ACI 318 Modification Input (TAC Question for ACI 363)**

J. Myers asked if there were any code related HSC input for the new 318 code. J. Myers stated that the committee would discuss possible issues in Pittsburg and explore the need for a task group.

## **14.0 Adjournment**

H. Russell made a motion to adjourn and M. Caldarone seconded the motion. Meeting was adjourned at 10:25 AM.