

Agenda of ACI 363 – High-Strength Concrete

Sunday, April 12

Room: C-2208

2:30 PM to 5:00 PM

ACI 2015 Fall Convention – Kansas City, MO

Presiding: Micah Hale

1.0 Welcome and Introduction

2.0 Review and approval of the minutes from Washington, DC

3.0 Review and approval of agenda

4.0 Committee membership

4.1 26 Voting members, 4 consulting members, and 24 associate members

5.0 Chair TAC Report

6.0 ACI 363 Report on Lightweight HSC Document Status - Subcommittee Chair Mauricio Lopez

7.0 Ballot Results for *Chapter 5 – Properties of High Strength Lightweight Concrete*, from the High Strength Lightweight Concrete Document

7.1 10 affirmatives, 4 affirmatives w/comments, 2 negatives, 2 abstain, 10 not returned

7.1.1 Meets ½ rule and 2/3 rule

8.0 Current ballot – *Chapter 6 – Structural Design Considerations*

8.1 11 affirmatives, 6 affirmatives w/comments, 1 negative, 1 abstain, 9 not returned

8.1.1 Meets ½ rule and 2/3 rule

9.0 Open Committee Presentations

10.0 Future Technical Sessions

10.1 Use of High Strength Concrete in Tall Building, Spring 2015, Kansas City, MO, 4 hours. Speakers and presentation titles are below.

Session 1: 1:30 to 3:30 PM, C-2204

1. “*High Strength Concrete Considerations for the 3280 ft Tall Kingdom Tower, Saudi Arabia*”, Robert Sinn, Principal and Building Structure Practice Leader, Thornton Tomasetti
2. “*Successful High Strength Concrete in Tall Buildings in North America*”, William Phelan, The Euclid Chemical Company
3. “*Testing of High Strength Concrete in Chicago*”, Walt Flood IV, Flood Testing Labs Inc.
4. “*The Successful Use of HSC in United States High-Rise Buildings*”, Cary Kopczynski and Joe Ferzli, CKC Structural Engineers

Session 2: 4:00 to 6:00 PM, C-2204

1. *“History and Development of HSC in Tall Building”*, Larry Novak, Director of Structural Engineering, Portland Cement Association
2. *“The Use of High Strength Concrete in Tower One of the World Trade Center”*, Casimir Bognacki, Chief of Materials, The Port Authority of NY and NJ
3. *“Concrete Challenges for High Seismic High Rises”*, Robert Sinn, Principal and Building Structure Practice Leader, Thornton Tomasetti
4. *“High Strength, High-Performance Iconic Supertall Towers: Trump Tower, Chicago, USA; Cayan Tower, Dubai, UAE; Burj Khalifa, Dubai, UAE”*, Bradley Young, Skidmore, Owings & Merrill LLP

10.2 Possible session on High Strength Lightweight Concrete
Fall 2016, Philadelphia, Revolutionary Concrete

10.3 Possible session on Placing and Curing High Strength Concrete

11.0 Other Business

11.1 Conferences and Symposiums

11.1.1 NICOM-5, May 24-26, 2015 Chicago, IL

11.2 HSC projects

12.0 New Business

13.0 Next Meeting – Sunday, November 8th at 2:30 (Denver, CO)

14.0 Adjournment