AGENDA
ACI Committee 130 – Sustainability of Concrete

ACI Fall 2009 Convention, Chicago, Illinois
Part 1: Monday, October 25, 2010, 2-5pm, W-Allegheny 2
Part 2: Tuesday, October 26, 2010, 11-1pm, W-Allegheny 2

Monday Agenda

1) Welcome and Introductions
2) Moment of reflection for founding 130 Chair Dick Stehly
3) Approval of Spring 2010 minutes
4) Update on “Guide to Sustainable Concrete” (details during Tuesday meeting, see Exhibit A)
   a) TAC approval to proceed
   b) Minor title change
   c) Chapters 3, 4, and 5 (from 130B) currently balloting in main committee (ends 10/27, Wednesday)
5) CAM Sustainability Publications
   a) The Sustainable Concrete Guide – Strategies and Examples
   b) The Sustainable Concrete Guide – Applications
6) Special Publications
   a) SP-269CD, Concrete: The Sustainable Material Choice ($34 member price)
   b) Upcoming
      i) Green Concrete in the Steel City
      ii) Sustainability through Concrete
      iii) The Role of Concrete in Sustainability
7) Convention Sessions
   a) Concrete Sustainability Forum (Buffenbarger, Sakai)
   b) Sessions at this conference (Rowland)
      i) Sustainable Design with Concrete, Parts 1 and 2
      ii) Green Binders Technology
      iii) Sustainability of Concrete Pavement
      iv) Design of Sustainable Concrete Bridges
   c) Upcoming Sessions (Rowland)
      i) Applications and Modeling Thermal Mass for Sustainable Buildings
      ii) Green Building and the ACI
      iii) Performance Criteria for Concrete, Parts 1 and 2
   d) Topics for future conventions
      i) Spring 2011, Tampa, Florida (ACI & the Concrete Industry’s Approach to Green Building)
      ii) Fall 2011, Cincinnati, Ohio (Bridging Theory and Practice)
      iii) Spring 2012, Dallas, Texas (The Art of Concrete)
8) Student Competitions
9) Outreach to ACI committees
10) Other Old Business
11) New Business

12) Updates from committee members
   a) Thomas Adams (Fly Ash classification update)
   b) John Roberts
   c) Others taken from the floor as time allows

13) Adjournment of Monday meeting

Tuesday Agenda

1) Welcome and Introductions

2) Brief review of Monday meeting (Schokker)

3) Subcommittee Updates (focused on “Guide to Sustainable Concrete” progress and needs)
   a) 130A: Materials (Chairs: Doug Hooton & Tom VanDam)
   b) 130B: Production/Transportation/Construction (Chairs: Kevin MacDonald & Matt Offenberg)
   c) 130C: Structures in Service (Chair: Tracy Marcotte)
   d) 130D: Rating Systems/Sustainability Tools (Martha Van Greem, Jeff Volz, & Arezki Tagnit-Hamou)
   e) 130E: Design/Specifications/ Codes/Regulations (Chairs: Mark Chrzanowski & Larry Church)
   f) 130F: Social Issues (Chair: David Darwin, Vice Chair: Kelsey Edwardsen)
   g) 130G: Education/Certification (Chairs: Larry Rowland & Khaled Awad)

4) Completion of any remaining business from the Monday meeting

5) New Business

6) Adjournment
GUIDE TO CONCRETE SUSTAINABILITY
Reported by ACI Committee 130

This report gives general information about concrete sustainability.....

Keywords: sustainability; green; environmental; ...

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1.2—Scope
1.4—Limitations
1.5—Background: Sustainability
1.6—Sustainable attributes for concrete

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Chapter 3—Proportioning
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3.2—Overdesign implications

Chapter 4—Production and Transport
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Chapter 6—Structures in Service
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Chapter 7—Rating Systems
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7.3—LEED (Leadership in Energy and Environmental Design)
7.4—Green Globes
7.5—BREEAM (Building Research Environmental Assessment Method)
7.6—CASBEE (Comprehensive Assessment System for Built Environmental Efficiency (CASBEE)
7.7—Green Roads
7.8—GreenLITES (Leadership in Transportation and Environmental Sustainability)
7.9—U.S. Cities and LEED
7.10—CHPs (Collaborative for High Performance Schools)

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Chapter 11—Codes
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Chapter 12—Regulations
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Chapter 16—Summary and Conclusions

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