



Agenda

ACI 130 E – Design/Specifications/Codes/Regulations

Monday April 4, 2011

11:00 a.m. – 1:00 p.m.

Marriot Hotel – Meeting Room 9

Tampa, FL

[Please mark the attendance sheet and check the accuracy of the contact information]

1. **WELCOME AND ANNOUNCEMENTS**
 2. **INTRODUCTIONS**
 3. **APPROVAL OF AGENDA, MINUTES**
 - 3.1 **Approval of Agenda**

Additional agenda items if any will be announced and the committee members will be asked to approve the agenda.
 - 3.2 **Approval of Minutes**

The approved minutes will be posted in the document library of the ACI 130 E web page at:
<http://www.concrete.org>
 4. **Recommit or reconstruct Sub-Committee.**
 5. **Meetings and Conference Scheduling**

Fall 2011 ACI Convention will be held October 16 – 20th,
Millennium Hotel & Duke Energy Center, Cincinnati, OH
 6. **Other Business**
 7. **Adjournment**
- Enclosures:**
Exhibit 4a **Roster of ACI Committee 130E**
Exhibit 4b **Report Commitments**

Exhibit 4a Roster of ACI Committee 130E
(10-22-2010)

<p>Buffenbarger, Julie K (Vice Chair (NV)) Lafarge 1451 Snowberry Ln Medina, OH 44256-8652 Phone: 2167011537 Fax: (330) 239-3331 E-mail: julie.buffenbarger@lafarge-na.com</p>	<p>Lorenz, Emily B (Vice Chair (NV)) CTLGroup Building Science and Sustainability 5400 Old Orchard Rd Skokie, IL 60077-1030 Phone: 847-972-3180 E-mail: elorenz@ctlgroup.com</p>
<p>Schokker, Andrea J (Vice Chair (NV)) The University of Minnesota Duluth 221 Swenson Civil Engineering 1405 University Drive Duluth, MN 55812 Phone: (218) 726-6446 - Fax: (218) 726-6445 - E-mail: aschokke@d.umn.edu</p>	<p>Chrzanowski, Mark F (Co-Chair) CH2M HILL 3011 SW Williston Rd Gainesville, FL 32608 Phone: (352) 384-7035 E-mail: mchrzano@ch2m.com</p>
<p>Church, Larry D (Co-Chair) Tourney Consulting Group LLC 3401 Midlink Dr Kalamazoo, MI 49048-8807 Phone: 269-384-9980 Fax: 269-384-9981 E-mail: lchurch@tourneyconsulting.com</p>	<p>Aldred, James M GHD Global Pty Ltd Materials Technology Level 15 / 133 Castlereagh Street Sydney, NSW 2030 Australia Phone: 61-2-92397174 Fax: 61-2-92397199 E-mail: jaldred@ghd.com</p>
<p>Awad, Khaled Walid ACTS Hamra-Central Bank Street Abou Al Jadayel Building 5th Floor Beirut, 145918 Lebanon Phone: 0096-11-753100 Fax: 0096-11-753200 E-mail: kawad@acts-int.com</p>	<p>Blaszak, Gregg J Metromont Corporation PO Box 2486 Greenville, SC 29602-2486 Phone: (864) 605-5057 Fax: (864) 269-8183 E-mail: gblaszak@metromont.com</p>
<p>Buhler, Eckart R Norchem, Inc. 13968 151st Ln N Jupiter, FL 33478-3540 Phone: (561) 575-7092 Fax: (561) 575-7092 E-mail: eckart@norchem.com</p>	<p>Darwin, David University of Kansas CEA Engineering/Learned Hall # 2142 1530 W 15th St Lawrence, KS 66045-7608 Phone: (785) 864-3827 Fax: (785) 864-5631 E-mail: daved@ku.edu</p>
<p>Dixit, Om P Fenstermaker and Associates Ste 1550 1100 Poydras St New Orleans, LA 70163-1550 Phone: (504) 210 0806 Fax: (504) 582 2210 E-mail: om@fenstermaker.com</p>	<p>Gaspar, William P Moseley Architects 3200 Norfolk St Richmond, VA 23230-4428 Phone: (804) 545-6117 Fax: (804) 379-1824 E-mail: wgaspar@moseleyarchitects.com</p>
<p>Hooton, R Doug University of Toronto Dept Civil Engineering 35 St George Toronto, ON M5S 1A4 Canada Phone: (416) 978-5912 -</p>	<p>Jahren, Per A P J Consult A/S Bankveien 11 Asker, 1383 Norway Phone: 47-66-783954 Fax: 47-66-904320</p>

<p>Fax: (416) 978-6813 - E-mail: hooton@civ.utoronto.ca</p>	<p>E-mail: pajahren@online.no</p>
<p>Lewis, Nicholas National Precast Concrete Association Ste 200 1320 City Center Dr Carmel, IN 46032-3816 Phone: (317) 571-9500 - Fax: (317) 571-0041 -</p>	<p>Lounis, Zoubir National Research Council Inst for Research in Constr 1200 Montreal Road Bldg M-20 Ottawa, ON K1A 0R6 Canada Phone: (613) 993-5412 Fax: (613) 952-8102 E-mail: zoubir.lounis@nrc.gc.ca</p>
<p>Marcotte, Tracy D CVM Facilities Renewal 400 Cresson Blvd #300 PO Box 398 Oaks, PA 19456-0398 Phone: (610) 989-3800 -119 Fax: (610) 989-3677 E-mail: tmarcotte@cvmfr.com Cell: (267) 218-0794</p>	<p>McLeod, Heather A Kansas Department of Transportation Bureau of Materials and Research 2300 SW Van Buren St Topeka, KS 66611-1152 Phone: (785) 291-3844 Fax: (785) 296-2526 E-mail: heather.mcleod@ksdot.org</p>
<p>Meyer, Christian Columbia University Mail Code 4709 500 W 120th St New York, NY 10027-6623 Phone: (212) 854-3428 Fax: (212) 854-6267 E-mail: meyer@civil.columbia.edu</p>	<p>Neff, Theodore L Post-Tensioning Institute 38800 Country Club Dr Farmington Hills, MI 48331-3439 Phone: (248) 848-3185 - E-mail: ted.neff@post-tensioning.org</p>
<p>Nmai, Charles BASF Construction Chemicals LLC 10378 Andover Dr Twinsburg, OH 44087-3327 Phone: (216) 839-7302 Fax: (216) 839-8825 E-mail: charlesnmai@basf.com</p>	<p>Noguchi, Takafumi The University of Tokyo Dept of Architecture 7-3-1 Hongo / Bunkyo-ku Tokyo, 113-8656 Japan Phone: 81-35-8416198 Fax: 81-35-8416195 E-mail: noguchi@bme.arch.t.u-tokyo.ac.jp</p>
<p>Offenberg, Matthew A W R Grace Tech Services 708 Crescent Cir Canton, GA 30115-4771 Phone: (404) 379-0258 - E-mail: matthew.offenberg@grace.com</p>	<p>Peethamparan, Sulapha Clarkson University Civil and Environmental Engineering Box 5710 Potsdam, NY 13699-0001 Phone: (315) 268-4435 Fax: 315-268-7985 E-mail: speetham@clarkson.edu</p>
<p>Rodriguez-Nikl, Tonatiuh Oregon State University Civil and Construction Engineering 220 Owen Hall Corvallis, OR 97331-8601 Phone: (541)737-2057 Fax: (541) 737-3052 E-mail: rodrigto@enr.orst.edu</p>	<p>Sakai, Koji Kagawa University Faculty of Engineering 2217-20 Hayashi-cho Takamatsu, 761-0396 Japan Phone: 01-18-411111 Fax: 01-18-241226 E-mail: sakai@eng.kagawa-u.ac.jp</p>
<p>Stanish, Kyle D Walker Restoration Consultants Ste 310 850 W Jackson Blvd Chicago, IL 60607-3025</p>	<p>VanGeem, Martha G CTLGroup 5400 Old Orchard Rd Skokie, IL 60077-1030 Phone: (847) 972-3156</p>

Phone: 312-633-4260 Fax: 312-633-4262 E-mail: kyle.stanish@walkerrestoration.com	Fax: (847) 965-6541 E-mail: mvangeem@ctlgroup.com
Volz, Jeffery S Missouri University S&T Civil-Architectural and Environmental Engineering 1504 Overland Dr Rolla, MO 65401-6819 Phone: (573) 341-6280 Fax: (573) 341-4729 E-mail: volzj@mst.edu	West, Jeffrey S University of Waterloo Dept of Civil and Environmental Engineering 200 University Avenue West Waterloo, ON N2L 3G1 Canada Phone: (519) 888-4567 x33323 Fax: (519) 888-4349 E-mail: jswest@civmail.uwaterloo.ca
Wobken, Steven D Ash Grove Cement Company 143 W Lombard Dr Lincoln, NE 68521-5371 Fax: (402) 334-3435 - E-mail: steve.wobken@ashgrove.com	Zhang, Lihe AMEC Earth & Environmental 2227 Douglas Rd Burnaby, BC V5C 5A9 Canada Phone: (604) 294-3811 Fax: (604) 294-4664 E-mail: john.zhang@amec.com
Holland, Terence C concrete.terry.llc 16922 Valley Rd Auburn Township, OH 44023-9184 Phone: (440) 834-1697 Fax: (440) 834-1698 E-mail: terry@concreteterry.com	

Exhibit 4b Report Commitments

() Indicates we are looking for volunteer to take the lead

Draft Outline for Subcommittee 130E, Design/Specifications/Codes/Regulations

3. Design/Specifications/Codes/Regulations

3.1. Design

- 3.1.1. What is Sustainable Design? **()**
- 3.1.2. Sustainable Design starts at the Conceptual Level **()**
- 3.1.3. Integrated Design (Martha VanGeem)
- 3.1.4. PCA HP Concrete (Martha VanGeem)
- 3.1.5. Sustainable Design through Durability (McLeod)
- 3.1.6. Service Life Design (Larry Church)
- 3.1.7. Improvements Needed for Adoption of Sustainable Design **()**

3.2. Specifications

- 3.2.1. Elements of a Sustainable Specification (Mark Chrzanowski)
- 3.2.2. Sample Sustainable Specifications (Mark Chrzanowski)
- 3.2.3. Specific Recommendations for Incorporating Sustainability into ACI 301 (Mark Chrzanowski)

3.3. Codes

- 3.3.1. Sustainable Practices by Understanding Code Requirements **()**
 - 3.1.5.2. Clarifying Code Requirements (Terry Holland)
- 3.3.2. Green Building Codes (Martha VanGeem)
- 3.3.3. Durability Codes (Mark Chrzanowski)
 - 3.3.3.1 fib Model Code (Koji Sakai)
- 3.3.4. Specific Recommendations for Incorporating Sustainability into ACI 318 **()**

3.4. Regulations

- 3.4.1. Global
 - 3.4.1.1. Asia Pacific (James Aldred)
 - 3.4.1.1.1. Japan (Taka Noguchi)
 - 3.4.1.2. Masdar (Khaled Awad and James Aldred)
 - 3.4.1.4. Europe (Khaled Awad)
 - 3.4.1.4. Other? **()**
- 3.4.2. Federal
 - 3.4.2.1. Legislative (AB32, Senate 2191) (Roberts)
 - 3.4.2.2. White House Initiatives (2002 Intensity Based, Climate Vision Program, Etc) (Roberts)
 - 3.4.2.3. State, City, Local Governments (NY (Kirk), California, Federal, etc.) **()**