



# COOLING TECHNOLOGY INSTITUTE

PO Box 73383, Houston, TX 77273 / 2611 FM 1960 Rd., W, Ste A-101 / Houston, TX 77068  
Phone: 281.583.4087 / Fax: 281.537.1721 / email: vmanser@cti.org / http://www.cti.org

## Cooling Technology Institute 2010 Annual Meeting

### Engineering, Standards and Maintenance Meeting Minutes 02/10/10

Jim Baker – Composite Cooling Solutions, LLC - Chair  
Craig Burriss – Amarillo Gear Company – Vice Chair  
Chris Lazenby – Southern Company – Vice Chair

#### **CLOSING – GENERAL SESSION**

#### **CALL TO ORDER/ANNOUNCEMENTS –**

Meeting was called to order at 1:06 p.m. on February 10, 2010.

Jim Baker noted that even though this meeting was the formal closing for ES&M as a whole, there were still five task group meetings scheduled to take place at various times on the afternoon of February 10.

#### **REPORTS FROM LEAD TASK GROUP CHAIRS –**

##### ***Wood, Metal, and Concrete Materials Task Group – Bill Howard***

- The 'R' Factor task group met and continues to gather more information. The group may solicit a proposal from Jim Harris, who spoke at the 2009 Summer Meeting, to participate in the group's efforts.
- The new Concrete Restoration standard should be ready for ad-hoc by the summer.
- The International Woods standard task group will need time to meet at the Summer Meeting.

##### ***Mechanical Equipment Task Group – Craig Burriss***

- STD-151, Variable Frequency Drives, met. There was one change to the document to make then the task group would conduct an online vote and try to get the document to the Board by the Summer Meeting.
- Chapter 10 had a few more small revisions and would hopefully be voted on by the task group next month in preparation for being ready for a Board vote by the Summer Meeting.
- The Vibration Standard (new) and Chapter 11 groups were scheduled to meet following this meeting.

##### ***FRP and Plastics Task Group – Glenn Barefoot***

Glenn Barefoot was not present, so Jane Heuser and Jamie Bland attempted to recall the status of the group's meetings and documents.

- ESG-152 should be ready to go to the Board.
- STD-137 had been approved by the Board.
- The Wood-to-FRP Connection Guideline group met, but not much progress was reported.

##### ***Tower Operations Task Group – Chris Lazenby***

- The Chapter 13 task group is scheduled to meet later this afternoon.

- Chapter 1 and Chapter 4 have been through ad-hoc and are in the process of getting re-formatted to send to the Board.
- A couple of people agreed to review STD-203 (Industrial Cooling Towers) and ESP93-01 (Guidelines for Cooling Tower Repair). If anyone else was interested in doing so, contact Chris and he'd get a copy to you. It may be possible that these documents could be reaffirmed rather than opened. If necessary, task groups would be formed at the Summer Meeting.

***Hazard & Environmental Protection Systems Task Group – James Blake***

- Denny Shea will and the group working on Chapter 8 were about 2/3 of the way through.
- The new Field Erection Practices guideline task group was formed on Monday. Gregg Mailen will co-chair.
- Gerald Hart of G&G Marine expressed interest in helping to create a guideline for basin cleaning. Jim Baker suggested that he submit an outline of what would be covered in such a document and then Jim could determine whether it needed to be a separate standard or just added to an existing document.

**GENERAL COMMENTS –**

- Jim Baker asked when new standards, such as the Vibration Standard, were assigned numbers. Bill Howard reported that this occurred when the document was sent to the Board for approval.
- Bill Howard reported that the fan stack task groups were going to meet this afternoon.
- Tom Toth registered a complaint as to the 2012 Summer Meeting being scheduled for Tuscon.
- Dave Sayker reported that the Chapter 10 document that the task group received from the CTI Office was in .pdf format that the group had trouble recreating all of the figures, charts, etc. for the revised document. He suggested that someone (in ES&M or at the Office) save the source document files in Microsoft Word so that they could be used for future document reviews.
- Jamie Bland asked that anyone who had potential ideas for the 2011 Education Seminar to e-mail them to him.

**NEW BUSINESS –**

- Bill Howard reminded everyone to get their attendance sheets to James Blake.
- Chris Lazenby asked everyone to get their task group minutes to him.
- Jim Baker mentioned a new committee that had been formed by Jess Sewell to look at certifying materials and components under the CTI umbrella. He noted that if this committee moves forward, it would likely produce a significant degree of work for ES&M.
- Ken Mortenson reminded everyone that the draft of the new ASCE Code was scheduled for public review in the summer. If anyone wanted to receive a copy to review, they should let Glenn Barefoot or Dustin Troutman know.

**ADJOURNMENT –**

With no further business before the Committee, the meeting was adjourned at 1:28 p.m.