



# COOLING TECHNOLOGY INSTITUTE

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## Cooling Technology Institute 2011 Annual Meeting

Engineering, Standards and Maintenance Meeting Minutes 02/9/11

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 1:35 p.m. on February 9, 2011.

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

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

- The Cleaning Cooling Towers task group met and decided to use previous technical papers on cleaning as a starting point.
- The new Concrete Restoration standard should have one ad-hoc reviewer but at least 2 more are needed. Hopefully, this document will be ready for Board approval at the summer meeting.
- ESG-144 will be voted on at the next board meeting.

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

- STD-151, Variable Frequency Drives, did not meet. Bill Howard had some minor revisions and gave copies to Craig Burriss, Dwayne Byerly, and Dave Sayker to review. Bill will need to get some ad-hoc reviewers to after the group gives approval.
- Chapter 10 is not ready for Board vote. The office needs to finish formatting of Chapter 10 so the board vote can occur.
- The Vibration Standard had good progress. The standard will use information from 2 ISO standards for vibration limits, and a guideline for vibration analysis.
- Chapter 11 met, but it is difficult to get participation. The re-write is currently  $\frac{3}{4}$  complete.

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

- STD-137 may be re-opened to consider effects of water chemistry on fiberglass.

- The Wood-to-FRP Connection Guideline group met Tuesday and has another meeting scheduled for Wednesday afternoon.
- The Fan Stack Design Guideline will need to meet in July. Tom Toth will work on organizing voting members

***Tower Operations Task Group – Bill Howard***

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

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

- The new Field Erection Practices guideline task will meet with STD-203 later this afternoon.
- Chapter 7&8 is about 2/3 complete and should be ready for review at the summer meeting.

**GENERAL COMMENTS –**

- Jim Baker asked everyone to get their task group minutes to him.
- Mike Daley suggested that the CTI office send out emails when documents are approved by the board and available from CTI.

**NEW BUSINESS –**

- Dave Suptic reported that the new Certification Committee will add workload to ES&M in the future.

**ADJOURNMENT –**

With no further business before the Committee, the meeting was adjourned at 2:00 p.m.