



# COOLING TECHNOLOGY INSTITUTE

P. O. Box 73383, Houston, Texas 77273 • 2611 FM 1960 West, Suite A-101, Houston, Texas 77068  
Phone: 281.583.4087 • Fax: 281.537.1721 • email: [vmanser@cti.org](mailto:vmanser@cti.org) • <http://www.cti.org>

## 2006 Committee Workshop

### Engineering, Standards and Maintenance Meeting Minutes 06/10/06

Toby Daley - T Daley & Associates, Inc, Chair  
David Theel - Universal Utility Services, LLC, Vice-Chair  
Jennifer Cunningham – Air Liquide America, Vice-Chair  
Opening - General Session

#### Call to Order/Announcements –

Meeting was called to order at 9:00 AM on July 10, 2006.

#### Workshop Schedule –

The workshop schedule was distributed, reviewed and approved.

#### Introduction of Attendees –

First time attendees were recognized and introduced.

#### Documents Approved in 2006 to Date –

The following documents have been approved to date in 2006.

- Guideline WTP-148 “Best Practices for Control of Legionella”

#### Documents in Ad-Hoc Review–

The following documents are in the Ad-Hoc Review Process.

- New Guideline - “Lightning Protection”
- New Guideline - “Portland Cement”
- Revised Standard - STD-114 “Douglas Fir Lumber Specifications (Coast Type)”
- Revised Standard - STD-119 “Timber Connection Specifications”
- Revised Standard - STD-134 “Plywood for Use in Cooling Towers”
- Revised Standard - STD-103 “Redwood Lumber Specifications”
- New Standard - “Filament – Wound FRP Pipe”
- Revised Standard – STD-137 “Fiberglass Pultruded Structural Products”
- Revised Standard – STD-152 “Structural Design of FRP Components”
- Chapter 9 – “Materials of Construction”

#### Standing Lead Task Group Reports –

The following Lead Task Group Chairs or Vice Chairs provided a status and updates -

- Wood Materials Task Group – Bill Howard, Chair
- FRP and Plastics Task Group – Glenn Barefoot, Chair
- Metal and Concrete Materials Task Group – Tom Toth, Chair
- Mechanical Equipment Task Group – Raul Castillo, Vice Chair
- Tower Operations Task Groups – Jess Seawell, Chair
- Hazard Protection and Environmental Task Group – James Blake, Chair



# COOLING TECHNOLOGY INSTITUTE

P. O. Box 73383, Houston, Texas 77273 • 2611 FM 1960 West, Suite A-101, Houston, Texas 77068  
Phone: 281.583.4087 • Fax: 281.537.1721 • email: [vmanser@cti.org](mailto:vmanser@cti.org) • <http://www.cti.org>

## 2006 Committee Workshop

### Engineering, Standards and Maintenance Meeting Minutes 06/10/06

#### Professional Development Hours (PDH) –

Bill Howard provided an update on how the PDH Credits are earned and awarded for the workshop.

#### 5 Year Document Review Status –

David Theel provided an update on the 5 year document reviews. The documents scheduled for review in 2007 are -

- PFM-138 “Recommended Procedures - Long Storage
- STD-131 “FRP Siding Panels”
- STD-151 “Variable Frequency Drive Application Guidelines for Cooling Towers”

#### Standing Assignments –

- The Ask the Expert designee - Dave Suptic.
- Document Status, Reporting and Monitoring - David Theel
- Professional Development Program (PDH) for ES&M – Bill Howard
- Task Group Meeting Schedules – David Theel
- Attendance Recording – James Blake
- Ad-Hoc Reviews – Jim Baker

#### Questions from attendees –

The floor was opened for a question and answer session.

#### New Business –

- Raul Castillo requested that CTI investigate having web conferencing capability for the task groups. This would help facilitate task group work between the scheduled meetings.
- In order to maintain a central file for each task group the Lead Task Group Chairs were requested to copy the CTI office on all emails. The CTI office should also have an electronic copy on file of the latest revision to all working documents.
- It was requested that the document status report be available on the web site. This would allow individuals to see the status of documents in work by the task groups.

**Meeting was adjourned at 9:45 PM and the Break Out Sessions were started.**