



COOLING TECHNOLOGY INSTITUTE

P. O. Box 73383, Houston, Texas 77273 • 2611 FM 1960 West, Suite A-100, Houston, Texas 77068
Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@cti.org • <http://www.cti.org>

CTI Performance & Technology Committee Meeting Minutes Summer Conference, JULY 2007

During a Kick-Off meeting on Monday July 9, a brief introduction of the various task groups was made. Each group briefly shared the status of their work and reported how much time for work would be needed during the week. A schedule was developed, printed and made available at the conference desk. See attached.

A request was made for volunteers for the "Ask the Expert" session at the Annual Conference in 2008.

There was an urgent request for more papers from P&T membership for the 2008 Annual Conference.

Task chairs were requested to send latest versions of the documents under review or development to the P&T chair and vice-chairs and also to CTI office Attn: Vicki Manser in a winword.doc format.

An attendance list was circulated.

Kick-Off Attendance

Name	Affiliation	Email
David Hutton	Composite Cooling Solutions	Dhutton1@verizon.net
Mark Shaw	Black & Veatch	shawmd@bv.com
Ken Hennon	Clean Air	khennon@cleanair.com
David Wheeler	Clean Air	dwheeler@cleanair.com
Jean-Pierre Libert	Evaptech	jpilbert@evaptechinc.com
Mark Huber	Evapco	mhuber@evapco.com
Frank Michell	AEP	fmichell@aep.com
Trevor Hegg	Evapco	thegg@evapco.com
Tom Weast	CTTA	cttakc@aol.com
Rich Aull	Brentwood Industries	raull@brentw.com
Don Zelek	Brentwood Industries	Don.zelek@brentw.com
Rich Harrison	BAC	rharrison@baltimoreaircoil.com
Wayne Micheletti	WCMicheletti, Inc.	WCMInc@aol.com
Paul Nelissen	Howden	pnelissen@howdenbuffelo.com
Gene Culver	McHale	Gene.culver@mchale.org
Martin Zylmans	Howden	Martin.zylmans@howden.nl
Paul Lindahl	SPX CT	Paul.lindahl@ct.spx.com
Bill Wurtz	SPX	William.wurtz@ct.spx.com
Olin Cunningham	Industrial Refrigeration	Olin_cunningham@IRCO.com
Tony DePalma	TPI	Tonydepalma@towerperformance.com
George Zubritsky	CTTIS	gzubritsky@msn.com



COOLING TECHNOLOGY INSTITUTE

P. O. Box 73383, Houston, Texas 77273 • 2611 FM 1960 West, Suite A-100, Houston, Texas 77068
Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@cti.org • <http://www.cti.org>

Wednesday July 11, 2007 10:00 – P&T Summary Session

The following reports were made.

1. Sound Testing Licensing - Paul Lindahl – While many of the aspects of this licensing program will be similar to the thermal and drift programs, it has the potential to be of interest to a large number of sound testing agencies with certification from other industries. The CTI program could possibly start in 2008.
2. The Long Range Planning Committee, chaired by Rich Altice, addresses internal CTI goals and directions. The Strategic Issues Task Force, chaired by Paul Lindahl, addresses external CTI goals and directions. Anyone with questions or ideas should email to the respective chair.
3. ATC-107 – Test Code for Air Cooled Condensers – David Wheeler – Review of comments was completed and edits developed. The document is ready to go back for ad hoc review. A copy should be ready for board approval by the 2008 winter conference.
4. ATC-140 – Isokinetic Drift Test Code – Kenneth Hennon – Review of proposed significant changes will be completed and edited via email contribution.
5. ATC-150 – Test Code for Wet-Dry Plume Abated Cooling Towers – Paul Lindahl – The revised document will be ready in one month for a vote. The document will be sent to P&T committee for approval and will be “advertised” on the CTI web site for public notification. This document must meet ANSI rules for approval.
6. STD-201 – Standard for the Certification of Water-Cooling Tower Thermal Performance – Frank Michell – Review has been completed and the document will be presented to the P&T committee for approval and “advertised” on the CTI web site in August 2007. This document must meet ANSI rules for approval.
7. STD-202 – Standard for Publication of Custom Cooling Tower Thermal Performance Test Results – Paul Lindahl – Review continues and assignments were given. This document must meet ANSI rules for approval.
8. Certification Committee – Tom Weast - The Certification program continues to grow. There was some discussion about this growth, the growth of regulations in other countries relating to certification requirements, and the possible need to modify the CTI program if one person was not able to respond to the entire task.
9. Multi-Agency Testing Committee – Mark Shaw – The committee met in closed session and addressed their agenda. The four agencies were introduced to the P&T meeting.
10. Technology Review – Anthony DePalma – The committee membership was re-established due to some recent vacancies. There are 6 documents currently under review.



COOLING TECHNOLOGY INSTITUTE

P. O. Box 73383, Houston, Texas 77273 • 2611 FM 1960 West, Suite A-100, Houston, Texas 77068
Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@cti.org • <http://www.cti.org>

11. New Business – Rich Aull of Brentwood Industries mentioned that he has been involved in meetings in Europe which were addressing a requirement of Eurovent that there be a certification program developed which would allow for cooling tower drift eliminator products to be certified to meet certain levels of drift emissions. The program would require testing with a CTI licensed drift testing agency. While other details were still under development, the program had a rigorous time line to meet. It was discussed that there seems to be a trend toward more “certification” type requirements in global trade.

An attendance sheet was circulated. The meeting was adjourned.

Summary Meeting Attendance

Name	Affiliation	Email
David Hutton	Composite Cooling Solutions	Dhutton1@verizon.net
Mark Shaw	Black & Veatch	shawmd@bv.com
Ken Hennon	Clean Air	khennon@cleanair.com
David Wheeler	Clean Air	dwheeler@cleanair.com
Jean-Pierre Libert	Evaptech	jplibert@evaptechinc.com
Mark Huber	Evapco	mhuber@evapco.com
Frank Michell	AEP	fmichell@aep.com
Trevor Hegg	Evapco	thegg@evapco.com
Tom Weast	CTTA	cttakc@aol.com
Rich Aull	Brentwood Industries	raull@brentw.com
Tom Bugler	Evapco	tbugler@evapco.com
Rich Harrison	BAC	rharrison@baltimoreaircoil.com
Wayne Micheletti	WCMicheletti, Inc.	WCMInc@aol.com
Gene Culver	McHale	Gene.culver@mchale.org
Paul Lindahl	SPX CT	Paul.lindahl@ct.spx.com
Tony DePalma	TPI	Tonydepalma@towerperformance.com
George Zubritsky	CTTIS	gzubritsky@msn.com