

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC.
1791 Tullie Circle, N.E./Atlanta, GA 30329
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TC/TG/TRG MINUTES COVER SHEET

**(Minutes of all TC/TG/TRG Meetings are to be distributed to all persons listed below
within 60 days following the meeting.)**

TC/TG/TRG NO 3.8 DATE June 28, 2012

TC/TG/TRG TITLE Refrigerant Containment

DATE OF MEETING June 25, 2012 LOCATION San Antonio TX

MEMBERS PRESENT		MEMBERS ABSENT		EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Rob Yost	VM	Dave Godwin (late arrival)	VM	Charles Stout
Dan Miles	VM	Eric Newberg	VM	Sunil Nanjundaram
Danny Halel	VM	Warren Beeton	VM	Doug Abramson
Mark Adams	Non VM			
Jim Crawford	Non VM			
Gary Zyhowski	Non VM			

DISTRIBUTION

All Members of TC 3.8 plus the following:

Technical Activities Committee Chairman:	Dr. Charles Culp
Technical Activities Committee Section 3 Head:	Bill Murphy
Committee Liaisons As Shown On TC 3.8 Roster:	Mark Tome – Chapter Tech Transfer Don Bivens – Research Liaison John Nix – ALI/PDC William Fleming – Special Publications Phil Trafton – 2014 Handbook – Refrigeration Douglass Abramson – Standards Liaison
Manager of Standards Staff Liaison (Research / Technical Services)	Stephanie Reiniche Mike Vaughn

Note: "These draft minutes have not been approved and are not the official, approved record until approved by this committee."

Minutes – TC 3.8 Refrigerant Containment
San Antonio Meeting – June 25, 2012

Call to Order

Rob Yost, Chair, called the meeting to order at 4:19 PM on Monday, June 25, 2012. After the distribution of agendas and introduction of members and guests, it was realized that a quorum was not present.

Attendance

At the call to order 3 of the 6 voting members were present. Voting members present were:

Rob Yost	(Chair)
Dan Miles	(Secretary)
Danny Halel	(Handbook Subcommittee Chair/ALI Coord.)

Voting members absent were:

Eric Newberg
Warren Beeton
Dave Godwin

Approval of Minutes

The Chicago January 2012 Meeting draft minutes “for approval” were reviewed. With the lack of a quorum in San Antonio, Mr. Miles was to request approval of the Chicago minutes by email letter ballot. If approved by email letter ballot, Mr. Miles was to forward “Approved” minutes to Mr. Stoudt for posting on the TC 3.8 web page.

Committee Membership

Chairman Yost reviewed the current roster. Scheduled to roll off as Voting Members on 6/30/2012 are Chairman Yost, Mr. Beeton, and Mr. Newberg. Scheduled to come on as Voting Members effective 7/1/2012 are Mr. Clodic, Mr. Adams, and Mr. Stoudt. Mr. Halel is in line to succeed Mr. Yost as Chairman and Mr. Adams is to come on as Vice Chairman. Mr. Miles is in line to succeed Mr. Halel as Handbook Subcommittee Chairman and Mr. Yost is in line to succeed Mr. Miles as Secretary. Chairman Yost accepted as an action item to follow up on these membership matters.

Chairman’s Breakfast Comments

Chairman Yost reported on the Chairman’s Breakfast. Subjects discussed included:

- A Conference and Exhibition Committee (CEC) representative reported on the numbers of submittals for the San Antonio meeting. Approximately 50% of Seminar, Forum, and Conference Papers that were submitted were accepted for the San Antonio program. Approximately 75% of the Technical Papers that were submitted were accepted for the San Antonio program. It was suggested that TCs work with the designated “Track Chairs” for the upcoming meetings to increase the likelihood of acceptance of program submittals.
- ASHRAE’s Hightower Award – The rules have been re-written to allow an active TC Chair to be considered for the award so long as he is nominated by a TC other than that which he or she chairs. Chairman Yost took on the action item of re-submitting Mr. Halel as a candidate for the Hightower Award.

- ASHRAE is seeking publication reviewers. Interested members should inform Chairman Yost of their willingness to volunteer.
- Starting with the Dallas meeting in January 2013, speakers will be charged a registration fee as opposed to being free of charge. Speakers will be asked to pay 25% of the cost of the member attendance fee.
- ASHRAE has some resources available (i.e. WebEx) for TC Subcommittee web enabled meetings. Subcommittee chairs should contact ASHRAE to make arrangements for use of these resources.
- There was discussion of upcoming conferences, in particular the ASHRAE/NIST Refrigerants Conference in October 2012. For a listing of upcoming ASHRAE sponsored and co-sponsored conferences see www.ashrae.org/membership--conferences/conferences. In addition, to see list of ASHRAE endorsed events go to www.ashrae.org/membership--conferences/conferences/ashrae-endorsed-events.

Research Plan

Mr. Halel reported that he has been in contact with Don Bivens, our Research Liaison, and is now trying to co-ordinate an effort with Mr. Clodic to re-submit 1599-RTAR, “*Assessment of Measurement Techniques for Leak Flow Rate (LFR) of Components and Systems*”. Mr. Halel took as an action item to continue to try to work with Mr. Clodic prior to the Dallas meeting in hopes of resubmitting the RTAR.

Topics for new research related to TC 3.8 were discussed. Mr. Halel expressed an interest in seeing research related to the effects of system preparation (evacuation/dehydration).

Comments from Standards Liaison

Mr. Doug Abramson, TC 3.8 Standards Liaison, was in attendance and delivered comments. He made reference to <http://wiki.ashrae.org> as a source of ASHRAE accepted definitions that can be utilized in standards development. Mr. Abramson also discussed the possibility that ASHRAE will offer joint training for TC Chairs and SPC Chairs to improve understanding of their respective roles and responsibilities in regards to research. Furthermore he clarified that the minimum requirement is 5 members on an SPC (including the Chair).

There was a discussion about standards that are on continuous maintenance and what TC 3.8 needed to do in order to follow through on the plan to place Standard 147 (currently in the revision process) on continuous maintenance after publication. Chairman Yost requested a “road map” from Mr. Abramson to help TC 3.8 accomplish this desire. Mr. Abramson agreed to pass this request on to his successor.

Standards

Mr. Miles reported that the galley proofs of Standard 173 – “*Method of Test to Determine the Performance of Halocarbon Refrigerant Leak Detectors*” were approved by SPC Chair Clodic and the standard was on course for publication.

Mr. Halel summarized the review status of Standard 147-2002 – “*Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems*”. Reconsideration of the letter ballot to approve the responses to comments on the 3rd public

review and to approve the publication for public review of those changes, which will be identified as a 4th (ISC) public review, will close on 7/5/12. Evacuation and its impact on moisture in the system at the time of manufacture has become a point of controversy.

Mr. Miles reported there was not a meeting on Sunday evening of SPC 196 – “*Method of Testing for Measurement of Refrigerant Leak Rates*”. SPC Chairman Clodic has indicated that he plans to arrange an online meeting to continue working on draft before the Dallas meeting.

Chairman Yost commented on the status of AHRI 740 and reaffirmed the resistance of TC 3.8 to accepting the responsibility to develop a Method of Test (MOT) due to a lack of expertise among the membership. Mr. Abramson, TC 3.8 Standards Liaison, was in attendance and indicated that AHRI 740 was not “on the radar” and Chairman Yost dropped the subject and stated that it would come off the agenda.

Handbook

Mr. Miles stated that there had been no progress on preparing for the Refrigeration 2014 Handbook. Mr. Halel, Mr. Yost, Mr. Crawford, and Mr. Zyhowski offered to volunteer and help. Mr. Miles took obtaining an electronic copy of the current chapter and circulating it to the others as an immediate action item. The stated goal is to have a draft ready for acceptance by the TC at the Dallas meeting.

Programs

Mr. Adams, Program Subcommittee Chair, offered to resubmit the seminar “*Zero Refrigerant Emissions? – What’s Changing in the New SPC 147 Standard*” for consideration at the January 2012 meeting in Dallas. This will be the third attempt for this seminar as it has been previously been submitted to the ASHRAE program committee for Chicago and San Antonio and was twice declined. The proposed seminar would include presentations on “General Overview of Changes to SPC 147” by Mr. Halel, “Product and Field Leak Testing Overview of the New SPC 147 Requirements and Presentation of the Various Methods Pro’s and Con’s.” by Mr. Miles, and “Overview of New Active System Monitoring Requirements and Field Examples of Operating Systems” by Mr. Robert Sperl. Mr. Adams offered to coordinate the seminar directing it towards the HVACR Equipment Track and has taken this task on as an action item.

Website

Mr. Stout reported that the TC 3.8 website was up and running, connecting through the ASHRAE website. The home page is located at <http://tc38.ashraetcs.org>. Mr. Stoudt solicited the attendees for additional content. Mr. Miles is to forward information on the TC’s handbook responsibilities and a “news” statement for the website related to SPC 173P activity.

Old Business

None

New Business

None

Adjournment

The meeting was adjourned at 5:51 PM.