

TC 6.9 Standards Subcommittee Meeting

Monday, June 24th, 2019

2:15 PM-Kansas City, Missouri

Kansas City Convention Center-Building B, Ground Floor, Room 2207

Meeting Minutes

1. Meeting called to order at 2:15 PM.
2. An attendance sheet was distributed. Attendees included:
 - a. Ken Fulk - T.C. 6.9 Standards Subcommittee Chair; T.C. 6.9 Voting Member
 - b. John Lau - T.C. 6.9 Voting Member, Chair
 - c. Chris Mincey - T.C. 6.9 Non-Voting Member (CM), Vice Chair
 - d. Daniel Pyewell - T.C. 6.9 Non-Voting Member (CM), Secretary
 - e. Farzin Rad - T.C. 6.9 Voting Member
 - f. John Nix – T.C. 6.9 Non-Voting Member (CM)
 - g. Scott Shaffer - T.C. 6.9 Non-Voting Member (CM)
 - h. Rich Swierczyna - SPLS (Liaison)
3. SPC 150 met concurrent with the T.C. 6.9 Standards Subcommittee. Minutes for the SPC 150 Meeting are attached.
4. Current T.C. 6.9 Standards were discussed:
 - a. Standard 94.2-2010, Method of Testing Thermal Storage Devices with Electrical Input and Thermal Output Based on Thermal Performance: This standard was to be withdrawn but ASHRAE continues to show this as an active standard on sale in the online Book Store. Mike Filler had previously worked to make this happen. Something needs to occur to get this permanently removed from the ASHRAE Standards list. Ken will contact ASHRAE to verify what the issue is that prevents this from happening.
 - b. ANSI/ASHRAE Standard 150-2000 (RA 2014) – Method of Testing the Performance of Cool Storage Systems: The standard is published and available in the ASHRAE Bookstore. Next step is to disband SPC 150 with the intent to reconstitute after four (4) years in which case it will be reconstituted to either reaffirm or revise the Standard.
 - c. Ken drafted a proposed Title, Purpose and Scope (TPS) for a proposed Guideline 150 which was circulated to some T.C. 6.9 members and to ASHRAE staff prior to

the KC meeting. Two (2) comments were received and revisions were since made. The TPS needs reviewed and approved by T.C. 6.9 and ultimately the GPC membership identified. Past SPC 150 members to be recruited but others will be recruited as well. Guy Frankenfield has agreed to be the chair. The membership also has to be balanced just like a standard.

5. Mr. Rich Swierczyna, the SPCL for SPC 150, attended the SPC 150 portion of the meeting. He congratulated the SPC on having been successfully published. He suggested that if there was no further work to do on the SPC that it should be disbanded as proposed. He also indicated that the proposed Guideline looked good but that we need to make sure we have balance on the committee.
6. Other Standards of Interest to T.C. 6.9:
 - a. ANSI/AHRI 900 (I-P)-2014, Performance Rating of Thermal Storage Equipment Used for Cooling (Essentially Replaces the Standard 94 series which have been withdrawn). Since this standard is now five (5) years old it may be up for reaffirmation or revision. Ken volunteered to seek out the status of this publication.
 - b. Proposed ASME (American Society of Mechanical Engineers) TES-2-200X, Safety Standard for Thermal Energy Storage (TES) System Requirements **for Solid State** and Other TES Systems is being monitored. Ken contacted ASME, through ASHRAE, and ASME is currently recruiting members to serve on a committee related to this standard. Ken to further investigate what all will actually be involved in this standard. However, it is labeled as a safety standard. Ken planned to seek someone to volunteer to be a liaison with ASME on this effort.
7. New Standards or Guidelines to be considered:
 - a. No others planned beyond the proposed Guideline 150.
 - b. T.C. approval on the proposed Guideline 150 is needed.
 - c. Anyone interested in being a member of this proposed Guideline needs to provide Ken with their name and contact information.
 - d. Ken will attend the PPIC Committee Tuesday, June 25th, at 11:00 AM to review the proposed TPS with that subcommittee of the Standards Committee.
 - e. Once the TPS is approved then the Guideline Project Committee will be formed and become official.
8. Ken inquired about the need to revise the name of the Subcommittee to the “Standards and Guidelines Subcommittee”. It was discussed that “Standards” is inclusive of Guidelines.
9. Other Business-No new business was raised.
10. The meeting was adjourned at 2:40 PM.

Minutes recorded by:

Kenneth M. Fulk, P.E.
Standards Subcommittee Chair