

TC 6.9 Standards Subcommittee Meeting

Monday, January 14th, 2019

2:15 PM-Atlanta, Georgia

Georgia World Congress Center-Building B, Floor 2, Room B207

Meeting Minutes

1. Meeting called to order at 2:17 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. Chris Mincey - T.C. 6.9 Non-Voting Member (CM), Vice Chair
 - c. John Lau - T.C. 6.9 Voting Member, Chair
 - d. Geoff Bares - T.C. 6.9 Voting Member
 - e. Richard Brooks - T.C. 6.9 Voting Member
 - f. Scott Shaffer - T.C. 6.9 Non-Voting Member (CM)
 - g. Farzin Rad - T.C. 6.9 Voting Member
 - h. Guy Frankenfield - T.C. 6.9 Voting Member
 - i. Henry Becker - T.C. 6.9 Non-Voting Member (CM)
 - j. Daniel Pyewell - T.C. 6.9 Non-Voting Member (CM), Secretary
 - k. Bob Berry - T.C. 6.9 Non-Voting Provisional Member (PCM)
 - l. Ahmed Elatar - T.C. 6.9 Non-Voting Provisional Member (PCM)
 - m. Rich Swierczyna - SPLS (Liaison)
 - n. Drew Welch - Guest
 - o. Keith Ponitz - Guest
 - p. Defaney Qilan - Guest
 - q. Karl Heine - Guest
 - r. Diana Hun - Guest
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Thermal Storage Devices with Electrical Input and Thermal Output Based on Thermal Performance: This standard was to be withdrawn at least five (5) T.C. meetings ago but ASHRAE continued to maintain that they have no record of this action so it remained active. Mike Filler was to

work to make this happen. This standard remains available in the ASHRAE Bookstore (as do 94.1 and 94.3) but it appears to have been removed from the active Standards list. Ken to follow up with ASHRAE to affirm this.

- b. ANSI/ASHRAE Standard 150-2000 (RA 2014) – Method of Testing the Performance of Cool Storage Systems: Public Review completed; no comments received so the document is approved for publication. Ken will report when the document is published. Next step is to disband SPC 150 concurrent with pursuing a new Guideline 150 (or whatever will be allowed by ASHRAE).
5. Mr. Rich Swierczyna, the SPCL for SPC 150, attended the SPC 150 portion of the meeting. He congratulated the SPC on having a successful Public Review and the upcoming publication of SPC 150. He suggested that if there was no further work to do on the SPC that it should be disbanded. He did confirm that if the group now wants to create a Guideline that the process for creating such was the same as for a Standard, which starts with the development of the Title, Purpose and Scope (SPC).
 6. Other Standards of Interest to T.C. 6.9 (not discussed):
 - 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). This standard essentially replaces the ASHRAE 94 series standards, is current and used by the industry. No change in status on this document.
 - 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. Currently it is not believed that there is any work being planned that would related to our T.C. but if such is discovered then this would be brought back to the T.C to seek out feedback on how to address. Ken Fulk contacted ASME in November 2018 they said this standard is stalled and no active work is occurring.
 7. New Standards or Guidelines to be considered-It was reported that with the completion of SPC 150 a new guideline will be initiated to allow for TES testing to occur under more realistic test conditions, which the standard precludes. Future actions planned include:
 - a. Pursuing a new Guideline may also be a reason to change the name of this Subcommittee to the “Standards and Guidelines Subcommittee”.
 - b. Get T.C. approval/endorsement to pursue a new Guideline.
 - c. Develop and then submit a Title, Purpose & Scope document to initiate this Guideline.
 - d. Once the TPS is approved then create a Guideline Project Committee.
 8. Other Business-No new business was raised.
 9. The meeting was adjourned at 2:38 PM.

Minutes recorded by:

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