

TC 9.1 Meeting Tues Feb 4, 2020 1-330 Orlando

Report from Vance tac section head. Reminded of link to update roster. Also activity report. Tc 9.4 justice facilities moving into tc 9.8. Will be voted on by tac on wed. talk regarding 9.1 and tc 9.8 merging. Also 9.12 large buildings merge? 9.1 and 9.12 makes more sense. Tac will be looking at tc participation and probably eliminating low participating ones. Chair and vc to talk to both 9.8 and 9.12 about possible merger and look at activity report.

Bill artis passed away just before this meeting. Condolences from this committee. Will be replaced as a voting member.

Code of ethics

6 voting members - steve, mark, john, dennis, charlie, jay, kelly, al

Missing sign in sheets to list everybody

Approval of minutes - moved by mark seconded by doug

John did not give a program subcommittee report but he was not in attendance. Revision made

Section 9 report- looking for peer reviewers, consolidation of tc's,

Program subcommittee chair - john

Austin - design challenges and opportunities for multi res - phil (ventilation) and steve chaired by john

Chicago - engineers notebook - kelly to put it together

Ashrae hq - lessons learned

Honors and awards - steve no nominations in current cycle. By may 1 distinguished service, exceptional service. Mark fly thinks he qualifies for esa.

Andrew t boggs (have esa) holiday award (already a fellow)

Fellow - dec 1 submission will discuss at austin

Guideline 22- good working meeting. John step down as chair. Darryl chair, john vucci vice chair. Reviewed actions items will do 3 1 hr conf calls before austin.

Guideline 16- was reaffirmed in 2018. Very 4 years was 2014 before.

Handbook committee - some comments back for some chapters
Will need a new chair. Get notes from jay.

Research subcommittee chair - molnar (not at meeting)

Tc collobaration room - ensure power in room

Rp1711 optimal hydronic sequences - do consultants use. Guideline 36 is airside sequences. Its work in progress. Really only vav boxes and ahu's.

New mtg cea on control of indoor agricultural environments. All stakeholders want input. Second wave alot of current practitioners regarding controlling humidity. Plant transpiration rates etc.plant in stress and has to reproduce. No pusblished data on indoor heat gain of plants. Possible case studies

Pdc - charlies report

Rachel romero has moved to new tc. Need new webmaster

Tc 4.03-focus on research. Rp-1819 co2 based dcV research done just being polished
Rp-1823 improved exhaust dilution - generic nearing completion
Couple of rtar and research stage on contaminants

Sspc 300 - updated std 202-2018
189.1 and 90.1 now require performance of commissioning in compliance with std 202. Wording on 90.1 may have to be reworked. A lot of documents

Tc5.1 changing scope to include commissioning? Alot of research. Looking at belt losses and fan walls. Presentation today on fan selection.

Tc5.06 conflict. Take phil off

Tc6.01 meet at same time as us

Tc7.9 discussion about iso std on bldg envelope commissioning.

Tc8.7 vrf was bill

Tc 9.

Tc 9.9 missional critical have 399members , rp-1755 corrosion and was published. If no chlorine hydrogen sulphide can expand rh to 70% (evap cooling one way). Will come out with 5th edition. 90.1 vs 90.4 (alternate compliance path in 90.1-2019) 2010 is when data Ahri 1360 performance of datacon. Std equipment does not meet these requirements and doe looking for compliance.

Tc 9.10 kelly (need new liason)research to replace ff6 in 110. Trachek romero did seminar at this meeting on smart labs. Discussion on air change rates commonly or 4 or 6 ach. Meet after us.

Tc9.12 tall bldg design guide expanded considerably - stack effect. Seminar for chicago
Tall bldg energy demand seminar for austin

Sspc 15 - alot of discussions with section 7 refrigeration modifications to piping for vrf. Apr will be published on whether content is worth moving to ppr. No discussion of adjoining spaces of ventilation. With a2l and a3 refrigerants. Add h out for public review. Rp-1807 lapses with refrig mangt and trg. Rp-1808 is piping press tight fittings are reliable.

Sspc 188 - lee rolled off guideline 12 will be coming out after this meeting.

New mtg rac - follow up to unep ashrae partnership- guide used for maintenance, reliability, efficiency of chiller plants for 3rd world countries. Looking for authors with service, operator experience. Want it simple. Want to develop training.

62.2 - phil addendum. Design aeng balanced system for supplu exhaust . if not bsa;lanced only exhaust your residential unit but cant bring oa from corridor. Can only bring oa in with merv 13 filters. (multi family residential)

New business - research no std method of test for mixing boxes and air blenders. Kelly will take stab at rtar will help of steve.

Seminar 40 demistifying doas very good

Seminar 45 Bacnet secure connect also very good

Seminar on grow ops

For well being roundtable

Motion to adjourn - mark second steve