



**Technical Committee 8.01 – Positive Displacement Compressors**  
**AGENDA – Houston Annual Meeting**  
**Tuesday, June 26, 3:30 – 6:00 PM**  
**Hilton Americas, Room 327**

**1) Call to Order – Margaret Mathison (Chair)**

- Establishment of Quorum (Jim Douglas – Membership Chair)
- Motion for Approval of the Chicago Minutes
- Report on TC/TG Section 8 Breakfast Meeting (Margaret Mathison)

**2) ASHRAE Code of Ethics Commitment – Margaret Mathison (Chair)**

In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)

**3) Liaison Reports**

**4) Standards – Jim Douglas**

- **Standard 23.1, *Methods of Test for Performance Testing Positive Displacement Compressors that Operate at Subcritical Pressures of the Refrigerants*.** Margaret Mathison is the Chair of the 23.1-2010R revision committee. ASHRAE is in the process of publishing Standard 23.1-2018.
- **Standard 23.2, *Methods of Test for Rating the Performance of Positive Displacement Compressors that Operate at Supercritical Pressures of the Refrigerants*.** Scott McBain is the Chair of the 23.2-2014R revision committee. Project Committee 23.2-2014R is making progress on the revisions of this standard. New members are always welcomed.
- **Motion:** *Revise the Title, Purpose, and Scope (TPS) of 23.2 to combine 23.1 with 23.2.*
- **Standard 41.9, *Standard Methods for Refrigerant Mass Flow Measurement Using Calorimeters*.** Michael Perevozchikov is the Chair of the SSPC 41 Subcommittee 41.9-2010R revision committee. ASHRAE is in the process of publishing Standard 41.9-2018.
- **Standard 41.10, *Standard Methods for Refrigerant Mass Flow Measurement Using Flowmeters*.** John Neel is the Chair of the 41.10-2013R revision committee. SSPC 41 Subcommittee 41.10 making progress on the revisions of this standard. New members are always welcomed.
- **TC 8.2 Centrifugal Compressor Performance Test Standard discussion.**

**5) Program Subcommittee – Erik Anderson (Chair)**

- TC 8.1 sponsored a seminar, “Leveraging Compressor Methods of Test for Research and Development,” on Sunday. Craig Bradshaw chaired the seminar, with presentations by Davide Ziviani, Joe Karnaz, and Drew Schmidt.
- Share any additional program ideas with Erik.

**6) Research Subcommittee – Craig Bradshaw (Chair)**

- If you have ideas or an interest in the research subcommittee, please contact Craig Bradshaw or attend the subcommittee meeting in future meetings.
- Update on WS 1793 (motor cooling research / thermal conductivity, co-sponsored with TC 8.2)
- Update on WS “foamability properties of LGWP refrigerant and oil mixtures” (co-sponsored with TC 3.4)

**7) Handbook – Alex Leyderman (Chair)**

- Chapter 38 (Compressors) will be presented to the TC8.1 for comments and approval in September 2018 (expanded section on over- and under-compression; additional schematic for economizing cycle and some theory of operation; possibly some additional information on latest oil/ refrigerant mixtures and their impact on compressor operation; need some help on this, if possible).
- The Chapter 43 (Liquid-Chilling Systems) will be presented to TC8.1 for comments and approval in February 2019. (Additional section from Scott McBain that was not included in the last publication).

**8) Membership – Jim Douglas (Chair)**

**9) Website – Greg Chilcote (Chair)**

**10) Old Business**

**11) New Business**

**12) Motion To Adjourn**