TC 6.1 Hydronic & Steam Heating Equipment and Systems

ASHRAE Winter Conference (Jan 31 – Feb 4, 2026) - Vegas

Main Committee Meeting

Tuesday, February 3, 2026
1:00 pm – 3:00 pm PST
Caesars Palace, Octavius 20 (PS)
Meeting Link

Handbook Subcommittee Meeting

Monday, February 2, 2026
3:00 pm – 5:00 pm PST
Caesars Palace, Octavius 22 (PS)
Meeting Link

Research & Programs Subcommittees Meeting

Monday, February 2, 2026
1:00 pm – 3:00 pm PST
Caesars Palace, Octavius 22 (PS)
Meeting Link

TC 6.1 Social Happy Hour

Monday, February 2, 2026
(After Handbook Meeting ends)
Place: TBD

Name	Position	Voting Status	Voting Term
Viral Dharaiya	Chair	Voting	07/01/2023 – 06/30/2027
Sarah Hilden	Vice Chair	Voting	07/01/2024 – 06/30/2028
Steve Tiernan	Secretary	Non-Voting	N/A
Theodore (Ted) Duffy	Handbook Subcommittee Chair	Voting	07/01/2023 – 06/30/2029
Agis Tsouvalas	Research Subcommittee Chair	Non-Voting	N/A
Lynndy Hedgcoth	Programs Subcommittee Chair	Non-Voting	N/A
Frank Myers	Standards Subcommittee Chair	Voting	07/01/2021 – 06/30/2029
Jessica Mangler	Member	Voting	07/01/2023 – 06/30/2029
Lynndy Hedgcoth	Webmaster	Non-Voting	N/A
Rex Scare	Member	Voting	07/01/2023 – 06/30/2026

TC 6.1 SPONSORED OR CO-SPONSORED PROGRAMS FOR VEGAS

TWO SEMINARS APPROVED FOR PHOENIX 2025

- Seminar 26: The Liquid Revolution: Best Practices in Cooling for Tomorrow's Data Centers
- Seminar 31: Decarbonization Decoded – Implementing Heat Recovery Within District Energy Systems

1. **Chair Welcome** *(Viral Dharaiya)*
    - **Committee Scope**: TC 6.1 is concerned with all aspects of hydronic and steam systems. This includes the application of boilers, chillers, terminal units, and all accessories and controls making up the total system as well as the design of the integrated system. In addition to comfort applications of both heating and cooling, snow melting systems are included. Cooperation with other TCs is recognized in areas such as control, noise and vibration, refrigeration, pumps, and hydronic and service water piping.
    - ASHRAE Code of Ethics Commitment: 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)
    - Secretary for the meeting: Sarah Hilden
2. **Introduction**
    - Roll Call of Voting Members *(Sarah Hilden)*
    - Member and Guest Introductions
3. **Membership** *(Sarah Hilden)*
    - Quorum Check
    - Review Roster Updates
        - Viral Dharaiya – New Chair
        - Sarah Hilden – New Vice Chair
        - Lynndy Hedgcoth – Continuing Webmaster and New Programs Subcommittee Chair
        - Steven Tiernan – New Secretary
        - Agis Tsouvalas – Continuing Research Subcommittee Chair
        - Ted Duffy – Continuing Handbook Subcommittee Chair
        - Frank Myers – Continuing Standards Subcommittee Chair
        - Voting Member Updates
4. **Review of Meeting Documents** *(Viral Dharaiya)*
    - Approval of Meeting Minutes for 2025 ASHRAE Annual Conference in Phoenix
    - Review of Agenda
    - New TAC Section Head – Eric berg
5. **TC Chair Report** *(Viral Dharaiya)*
    - TBD
6. **TC Communications** *(Lynndy Hedgcoth)*
    - Website: https://tc0601.ashraetcs.org/
    - Basecamp: https://3.basecamp.com/3106353/projects/23183827
7. **Programs** *(Lynndy Hedgcoth)*
    - TBD
8. **Research** *(Agis Tsouvalas)*
    - TBD
9. **Handbook** *(Ted Duffy)*
    - HVAC Systems & Equipment
        - Chapter 11 – Steam Systems

        - Chapter 13 – Hydronic Heating and Cooling
        - Chapter 14 – Condenser Water Systems
        - Chapter 15 – Medium and High Temperature Water Heating
        - Chapter 28 – Unit Ventilators, Unit Heaters, and Makeup Air Units
        - Chapter 32 – Boilers
        - Chapter 36 – Hydronic Heat-Distributing Units and Radiators
        - Chapter 44 – Centrifugal Pumps
        - Chapter 46 – Pipes, Tubes, and Fittings
        - Chapter 47 – Valves
        - Chapter 48 – Heat Exchangers
        - Chapter X – Chilled Water Plant Design
    - Fundamentals
        - Chapter 22 – Pipe Sizing

10. **Standards** *(Frank Myers)*
    - SSPC 90.1
    - SPC 155
    - SSPC 100
11. **Task Force for Building Decarbonization** *(Jason Atkisson)*
12. **Recognize Liaisons** *(Jessica Mangler)*
    - Handbook
        - Derek Crowe [Chs. 11, 28, 32, 36, 44 & 46]
        - Satish Iyengar [Chs. 13, 14 & 15]
        - Ahmed Medhat [Chs. 47 & new ChW]
    - Research (Stefan Elbel)
    - Standard (Paolo Tronville)
    - Chapter Technology Transfer Committee (CTTC) (Elizabeth Zakelj)
    - TAC Chairman (Craig Messmer)
    - TAC Section Head (Douglas Reindl)
    - Staff (Steve Hammerling)
13. **Liaison Reports from other TCs and Organizations** *(Jessica Mangler)*
    - 6.2 – District Energy
    - 6.5 – Radiant Heating & Cooling
    - 6.6 – Service Water Heating
    - 6.7 – Solar and Other Renewable Energies
    - 6.8 – Geothermal Heat Pump & Energy Recovery Applications
    - 6.10 – Fuels and Combustion
    - Residential Building Committee
    - Hydronics Industry Alliance
    - Others?
14. **Old Business**

- Open discussion as time allows.

15. **New Business** *(Viral Dharaiya)*
    - Open discussion as time allows
16. **Adjourn** *(Viral Dharaiya)*

ATTACHMENTS:

- Draft Meeting Minutes from 2025 Annual Conference in Phoenix