

# THE THERM

## MONTHLY NEWSLETTER

### NEXT CHAPTER MEETING

FEBRUARY 19, 2025

Lunch Meeting  
11:30AM - 1:00PM



### PETROLEUM CLUB

777 MAIN STREET

FORT WORTH, TX 76102



Join us for our February Meeting!

### USING ASHRAE GUIDELINE 36 TODAY

This year, ASHRAE will release the 3rd version of ASHRAE Guideline 36, High Performance Sequences of Operation for HVAC Systems. With this update, we continue our drive for excellence in building control systems. From the beginning, the goals have been:

- Higher quality in installed systems through standardization
- Higher energy efficiency through advanced sequence design
- Better building operation through fault detection and smart alarm strategies

In this session we'll set the context with background and history of the project. The talk presents the current scope and status as well as the likely course of continued development. Most importantly, it explains the technical content of the published guideline and examines approaches to specifying the guideline on a particular project.



Speaker: Jim Coogan

Jim Coogan, P.E., is a Principal Application Engineer in product development at Siemens Smart Infrastructure. In 40 years designing controls for mechanical systems, he has contributed to products ranging from room controllers to Internet-based interfaces. Jim has chaired several ASHRAE committees and has been a member of the Guideline 36 committee from the start. Publications include technical papers on room pressurization and laboratory ventilation. Jim earned his SB in mechanical engineering at MIT.

#### THIS ISSUE

MONTHLY MEETING.....P1  
 PRESIDENT'S MESSAGE.....P2  
 SPONSORS & PARTNERS.....P3  
 RECENT HAPPENINGS.....P4  
 UPCOMING EVENTS.....P5-6  
 MONTHLY SPOTLIGHT.....P7-8  
 BOG MEETING MINUTES.....P9-10  
 CHAPTER OFFICERS.....P11  
 TREASURER'S REPORT.....P12  
 YEAR AT A GLANCE.....P13  
 FROM THE EDITOR.....P14  
 LAST MONTH'S TRIVIA.....P15

**SAVE THE DATE:**  
**Region VIII CRC**  
**April 24-26<sup>TH</sup>**  
**Tulsa, OK**



## PRESIDENT'S MESSAGE

Ryan Edwards, P.E. | ASHRAE Fort Worth Chapter President 2024-2025



Hello Cowtown ASHRAE Members!

As we step into February, I am filled with gratitude and excitement for the opportunities that lie ahead for our ASHRAE Fort Worth Chapter. This month, we continue our mission to advance the arts and sciences of heating, ventilation, air conditioning, refrigeration, and related fields, while fostering a sense of community and collaboration among our members.

Reflecting on the past month, I am proud of the strides we have made as a chapter. Our recent joint meeting with ASHRAE Dallas, ASA, TEXO, and BOMA was a resounding success, thanks to the hard work of our volunteers and the enthusiastic participation of our members and sponsors. These events not only provide valuable learning opportunities but also strengthen the bonds within our ASHRAE family. As we discussed, our industry's future will require us all to collaborate, innovate, and progress together.

Looking ahead, we have an exciting lineup of events and initiatives planned for the rest of the year. I encourage each of you to mark your calendars and participate actively. Whether it's joining our committee meetings, attending YEA events, or volunteering for our community service projects, your involvement is what makes our chapter thrive. Let's come together to learn, share, and grow as professionals.

I also want to take a moment to recognize the incredible efforts of our board members, committee chairs, and volunteers. Your dedication and passion are the driving forces behind our chapter's success. If you're interested in getting more involved, please don't hesitate to reach out. There are always opportunities to contribute, and your ideas and energy are always welcome.

Finally, I want to remind everyone that ASHRAE is more than just an organization, it's a community. Let's continue to support one another, share our knowledge, and work together to shape the future of our industry.

Thank you for being a part of the ASHRAE Fort Worth Chapter. I look forward to seeing you at our upcoming luncheon and working together to make this month a memorable one.

THANK YOU SPONSORS!

PLATINUM



GOLD



**BARTOS**



SILVER



THANK YOU PARTNERS!

ENGINEERING SENIOR ASSOCIATE



We are still looking for Sponsors and Partners for the 2024 - 2025 year! Please reach out to our Research Promotion Chair - Jacob Cantu at [jcantu@bartosindustries.com](mailto:jcantu@bartosindustries.com) for more information.



## JANUARY MEETING

Thank you to everyone who joined us for the panel discussion meeting in January with ASA, BOMA, TEXO and ASHRAE Dallas. We had an engaging discussion on Redefining the Blueprint: Innovations & Trends Transforming Design and Construction. Thanks to our industry experts - Dan Thien, Ian Bost, Marcus Searle, Martin Lehman and Rusty Vaughn for their valuable input and thanks to our moderators - Tim Campbell and Whitney Lampe.

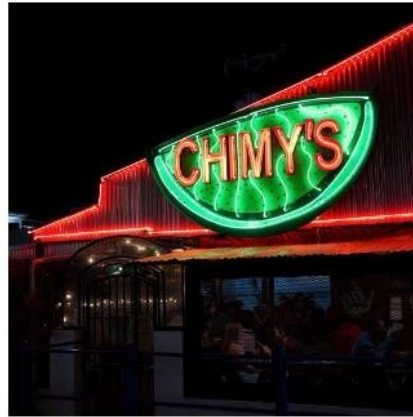


Thank you to Texas Air Systems for hosting us at their office for the event!



FEBRUARY YEA EVENT

YEA HAPPY HOUR



@ Chimy's

Come join YEA for a night of networking and fun you dont want to miss!

Thank you to Trane for sponsoring this event.

FEBRUARY 19, 2025 4-7PM

1053 Foch St, Fort Worth, TX 76107



ANNUAL POKER TOURNAMENT

**Date:** Thursday, February 20th 2025

**Location:** Texas Air Systems

2800 NE Loop 820 Suite 600

Fort Worth, TX 76137

**Time:** Dinner at 6:00PM, Tournament start at 6:30PM

**Cost:** \$60 buy-in per person with re-buys until level 6

**Format:** No limit Texas Hold 'Em, 15 minute blind levels

**Prizes:** Prize pool for top 3 contenders. Portion of proceeds will be donated to ASHRAE research



## MARCH CHAPTER MEETING

We will be at the Petroleum Club for our March Lunch meeting. Please note the date has been changed to **Tuesday, March 18th**. Additional information will be posted on our website.

## REGION VIII CHAPTERS REGIONAL CONFERENCE

**April 24-26, 2025 | Tulsa, OK**

We are celebrating the **Mother Road.... Route 66** at the beautiful Downtown Hyatt Regency!

Start the meeting off with the annual CRC golf outing at the historic **Tulsa County Club**. You can also get your PDHs at the Technical Sessions.

The NEOK chapter will make sure you get your kicks with a **Welcome Reception at Welltown Brewery**. Here, you will sample some of Tulsa's best microbrews, dine on Welltown's infamous nuggies, and compete in the first ever **Region VIII Trivia Night!**

Take a break from regional business to hear incoming Society President **Bill McQuade's Presidential Message**.

Companions, ditch the convertible and strap on your walking shoes for **Hikes and Spikes**, an Art Deco Architectural Walking Tour and a Cocktail Making and Food Pairing Class!

**Friday's Dinner and Sock Hop** will take you back to the Route 66 glory days at the Rucker Event Center, where Chef Michael Fusco will treat you to samples of cuisine found along your Chicago to LA road trip. After dinner, get up and dance the night away as we take you back to a 50's themed sock hop! So, don your best 50's attire and you could win the best dressed Sock Hopper!

Don't forget to have your acceptance speech ready for the **Annual Awards Lunch**...*Acceptance speeches limited to 1.6 seconds.*

Hang out with new and old friends in the hospitality suite, the hotel bar or one of the many walkable restaurants and bars.

Oh...and take care of regional business, hear best practices from other chapters, and attend the 2nd annual **RVIII Chapter Leadership Workshop**.

**Room block is limited, so register for your hotel rooms and the meeting NOW!**

CRC Home Page - <https://www.ashrae-neok.org/region-viii-crc>

Meeting Registration Page - <https://www.zeffy.com/en-US/ticketing/region-viii-crc>

Hotel Reservation Page - <https://www.hyatt.com/en-US/group-booking/TULRT/G-NEOK>



## STATE OF THE CHAPTER SPOTLIGHT: UPDATE ON GOVERNMENT AFFAIRS

GOVERNMENT AFFAIRS CHAIR - SCOTT WEST

Greetings Fort Worthians! There is some exciting work coming up in the world of government affairs. The Texas state legislature meets every other year and recently kicked off the 89<sup>th</sup> legislative session in January. There are several bills that have recently been introduced, in either the state House or Senate, that I'd like to bring to the attention of our membership. Below is a brief summary.

[HB 407](#): Requires new 1-4 family homes constructed in Texas to be solar-ready.

[HB 871](#): Updates the state building codes to the 2021 International Building Code and the 2021 International Residential Code. However, the 2021 code versions are already part of the Texas Administrative Code.

[HB 882](#): Strengthens the state building codes for how they apply to rural, unincorporated areas of Texas. Adds requirements for building construction inspections by qualified individuals and details enforcement actions for unincorporated areas that cannot prove compliance.

[HB 1483](#): The bill adds a property tax exemption for existing residential homes that complete energy efficiency upgrades.

[SB 214](#): Provides a sales tax exemption for the sale of efficient residential HVAC equipment meeting Energy Star requirements.

[SB 681](#): Changes the engineering licensure reporting and renewal period from one year to two.

If any of these proposed bills interest you, I hope you'll join the ASHRAE Texas chapters on our Day on the Hill event on **March 4<sup>th</sup>, 2025**. It will be a single-day trip down to Austin to speak with legislators and aides regarding laws that affect our industry. It's also a way to simply promote ASHRAE and the wider industry with lawmakers on Capitol Hill. If you're interested in coming along, please reach out to me at: [scott.west@summitmep.com](mailto:scott.west@summitmep.com).



## STATE OF THE CHAPTER SPOTLIGHT: UPDATE ON SUSTAINABILITY

SUSTAINABILITY CHAIR - CALEB BARLOW

Save the Date for our Spring sustainability project!

Tarrant Regional Water District Trash Bash

Date: Saturday, April 6th

Location: TBD

Time: 8-10am

Additional information can be found on the TRWD Trash Bash website:

[Trash Bash – Tarrant Regional Water District](#)

## UPDATE ON GOLF / SPECIAL EVENTS

GOLF / SPECIAL EVENTS CHAIR - OPEN POSITION

Save the Date for our Spring Golf Tournament!

Date: Friday, May 16th

Location: Rockwood Golf Course

Time: 9am Shotgun Start

We are working on adding registration and sponsorship information to our website. Please reach out to Alex Terry at [aterry@bartosindustries.com](mailto:aterry@bartosindustries.com) with any questions.

## FEBRUARY BOG MEETING MINUTES

BOG Meeting Agenda

CHAPTER SECRETARY - KYLE TROSKOT

**Call to Order: 2:02pm**

## President Elect

Working on planning for 2025-2026 ASHRAE year. I will be reaching out to see about volunteer position interests for next year. Ideally will have a complete roster before CRC.

Nominating Committee: Ryan to help. Recommended names: Allen Grammer, Glen Putnam, Jeremy Snyder, Caleb Barlow. Check online portal for previous nominating committee.

Send Newsletter updates by Tuesday 2/11.

## Secretary

No updates

## Treasurer

Still need to get with Michael Cox on split for December luncheon costs.

Poker Tournament - add option to pay at the door for online registration. Whitney to update Starchapter.

## Research Promotion

Catching up on invoicing. Will get with Max to finalize.

Anyone able to assist in calculating the proceeds from Fall golf tournament? Would be helpful. Ashley will send spreadsheet to review from last year.

## Student Activities

Still trying to get in touch with TCU / UTA chapters.

Just wrapped up meeting with students to kick off semester (2nd phase of project).

Scott West has an intern from TCU who may be a good contact. Scott and Caleb to touch base offline.

## Honors and Awards

Work on Mac Wallace submission. Due in May.

## Government Affairs

Day on the Hill coming up on March 4th. Day trip. Reach out to Scott West if interested.

## YEA

Chimmy's on 2/19 from 4-7pm

Flier to be sent to Whitney for the Therm and Jay for the website.

## Refrigeration

No Updates

## Historian

No Updates



(CONTINUED ON FOLLOWING PAGE)

## FEBRUARY BOG MEETING MINUTES

# MEETING MINUTES

### Membership Promotion

Stagnant at 302 Members

Reached out to a few people who cancelled. Some abroad that will renew in Summer.

### CTTC

No updates. Ryan to reach out.

### Golf

Spring Tournament - Rockwood in May 16, 2025

Alex Terry taking a step back. Need new Golf Chair.

David Muzzy or Sean Rath?

Jacob Rousseo potentially interested. Aaron to send contact info to Ryan.

Jacob / Ryan to confirm point of contact with Rockwood and confirm date is still good.

### DEI

No updates

Ai to reach out to RVC to see if latest political updates impact DEI efforts of ASHRAE.

### Sustainability

Trash Bash end of April. Caleb to send flier for this month's Therm by end of week.

### CRC

Tony will reach out to Art Guisler about leading efforts? Or get involved with helping.

### President

Ryan to contact Michael about speaker's availability for February / March.

**Meeting Adjourned – 2:33pm**

# CHAPTER OFFICERS

OFFICERS/COMMITTEES	NAME	EMAIL
CHAPTER PRESIDENT	Ryan Edwards	redwards@dfwsgi.com
CHAPTER PRESIDENT ELECT	Whitney Lampe	whitneyl@mjec.com
CHAPTER SECRETARY	Kyle Troskot	k.troskot@mojavehvac.com
CHAPTER TREASURER	Max Meyers	mmeyers@bartosindustries.com
BOARD OF GOVERNORS	Tony Finch	tonyf@texasairsystems.com
BOARD OF GOVERNORS	Ashley Fiddelke	ashley.fiddelke@hts.com
BOARD OF GOVERNORS	Jacob Cantu	jcantu@bartosindustries.com
CHAPTER RESEARCH PROMOTION CHAIR	Jacob Cantu	jcantu@bartosindustries.com
CHAPTER REFRIGERATION CHAIR	Mason Straughan	mason.straughan@jci.com
CHAPTER TECHNOLOGY TRANSFER	Michael Cox	mcox@bhbinc.com
CHAPTER SUSTAINABILITY CHAIR	Caleb Barlow	caleb.barlow@freese.com
CHAPTER GRASSROOTS GOVERNMENT CHAIR	Scott West	scott.west@summitnep.com
CHAPTER SPECIAL EVENTS CHAIR	OPEN POSITION	
CHAPTER SPECIAL EVENTS COMMITTEE (GOLF)	OPEN POSITION	
CHAPTER COMMUNICATIONS CHAIR	Jay Greene	jgreene@bhbinc.com
CHAPTER MEMBERSHIP PROMOTION CHAIR	Aaron Volkert	aaron.volkert@carrierenterprise.com
CHAPTER HISTORIAN	Cole Guarisco	cole.guarisco@trane.com
CHAPTER YEA CO-CHAIR	Casey Miller	casey.miller@jacobs.com
CHAPTER YEA CO-CHAIR	Alex Kavanaugh	alex.kavanaugh@freese.com
CHAPTER STUDENT ACTIVITIES CHAIR	Caleb Gentry	cgentry@olsson.com
CHAPTER DEI CHAIR	Ai Sexton	ai.sexton@greese.com
CHAPTER HONORS & AWARDS	Tony Finch	tonyf@texasairsystems.com
CHAPTER WEBMASTER	Jay Greene	jgreene@bhbinc.com
CHAPTER AUDITING COMMITTEE	Richard Watters	rwatters@bhb.com

Our Golf and Special Events chair positions have recently opened up, please reach out to Ryan Edwards if interested in learning more at redwards@dfwsgi.com.

Interested in volunteering for the upcoming 2025-2026 ASHRAE year? Please reach out to Whitney Lampe at whitneyl@mjec.com for additional information.



TREASURER'S REPORT

TREASURER SUMMARY

Below you'll find the chapter accounting transactions for the month of January 2025.

FEBRUARY 2025

TREASURER'S REPORT

CHAPTER TREASURER - MAX MEYERS



<b>Starting Balance (1/1/2025):</b>	<b>\$51,005.85</b>
<b>Debits</b>	
1/3 Starchapter Monthly Fees	(\$19.95)
1/7 Regional Dues to Region 8	(\$1,999.00)
12/18 StarChapter Monthly Dues	(\$1,928.00)
12/19 Jan Meeting Refund (1 member)	(\$120.00)
<b>Subtotal:</b>	<b><u>(\$4,066.95)</u></b>
<b>Credits</b>	
1/8 Jan Meeting Registration Starchapter (1 member)	\$57.65
1/9 Jan Meeting Registration Starchapter (3 member)	\$172.95
1/10 Jan Meeting Registration Starchapter (1 non-member)	\$72.16
1/13 Jan Meeting Registration Starchapter (2 non-members)	\$144.32
1/13 Jan Meeting Registration Starchapter (2 non-members)	\$144.32
1/15 Jan Meeting Registration Starchapter (1 member, 1 non-member)	\$129.81
1/15 Jan Meeting Registration Square (1 member, 1 non-member)	\$131.39
1/16 Jan Meeting Registration Starchapter (2 members, 1 non-member)	\$187.46
1/17 Jan Meeting Registration Starchapter (2 members, 2 non-members)	\$259.62
1/27 Feb Meeting Registration Starchapter (1 member)	\$33.46
1/27 Feb Meeting Registration Starchapter (2 members)	\$66.92
1/29 Feb Meeting Registration Starchapter (4 members, 1 non-member)	\$176.99
1/30 Feb Meeting Registration Starchapter (1 member)	\$33.46
1/31 Feb Meeting Registration Starchapter (1 member)	\$33.46
<b>Subtotal:</b>	<b><u>\$1,643.97</u></b>
<b>Ending Balance (1/31/2025)</b>	<b>\$48,582.87</b>



# ASHRAE FORT WORTH CALENDAR

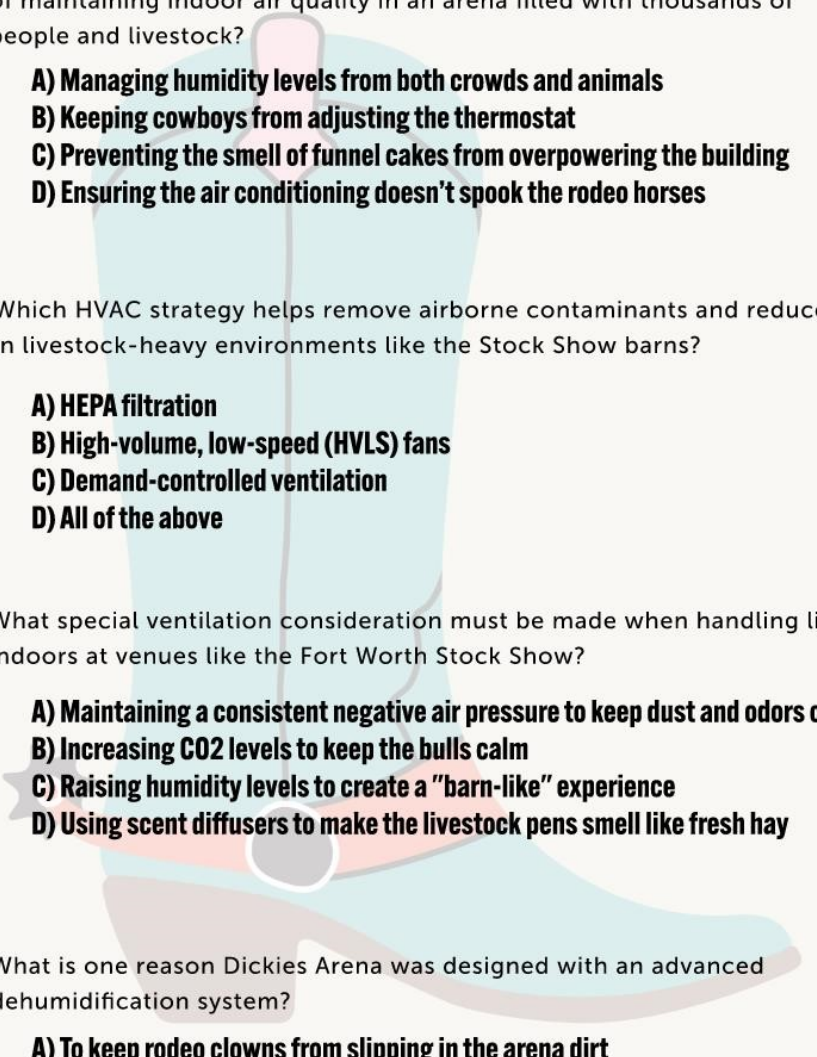
2025

YEAR AT A GLANCE / SAVE THE DATE!

- |                     |  |
|---------------------|--|
| February 8-12, 2025 | 2025 ASHRAE Winter Conference<br>Orlando, FL<br><a href="#">2025 ASHRAE Winter Conference</a>                      |
| February 19, 2025   | February Monthly Lunch Meeting<br>Petroleum Club<br>Using ASHRAE Guideline 36 Today<br>Presenter: Jim Coogan, P.E. |
| February 20, 2025   | Poker Tournament<br>Dinner 6pm / Cards in the Air at 6:30pm<br>Texas Air Systems                                   |
| March 4, 2025       | Day on the Hill<br>Austin, TX<br>Single Day Trip to Austin to Meet with Legislators                                |
| March 18, 2025      | March Lunch Meeting<br>Petroleum Club  |
| April 24-26, 2025   | Region VIII CRC<br>Tulsa, OK   |
| May 16, 2025        | Spring Golf Tournament<br>Rockwood Golf Course<br>9am Shotgun Start  |

Please check our website at <https://ashrae-ftw.org/> for additional information on upcoming events.



- 
- 1** Dickies Arena, home to the Fort Worth Stock Show & Rodeo, was designed with a high-capacity HVAC system. What is one of the biggest challenges of maintaining indoor air quality in an arena filled with thousands of people and livestock?
- A) Managing humidity levels from both crowds and animals**
  - B) Keeping cowboys from adjusting the thermostat**
  - C) Preventing the smell of funnel cakes from overpowering the building**
  - D) Ensuring the air conditioning doesn't spook the rodeo horses**
- 2** Which HVAC strategy helps remove airborne contaminants and reduce odors in livestock-heavy environments like the Stock Show barns?
- A) HEPA filtration**
  - B) High-volume, low-speed (HVLS) fans**
  - C) Demand-controlled ventilation**
  - D) All of the above**
- 3** What special ventilation consideration must be made when handling livestock indoors at venues like the Fort Worth Stock Show?
- A) Maintaining a consistent negative air pressure to keep dust and odors contained**
  - B) Increasing CO2 levels to keep the bulls calm**
  - C) Raising humidity levels to create a "barn-like" experience**
  - D) Using scent diffusers to make the livestock pens smell like fresh hay**
- 4** What is one reason Dickies Arena was designed with an advanced dehumidification system?
- A) To keep rodeo clowns from slipping in the arena dirt**
  - B) To prevent condensation buildup on cold surfaces**
  - C) To keep cowboy hats from getting too floppy**
  - D) To ensure the scoreboard doesn't fog up from excitement**

January Answers: 1 A, 2 C, 3 C, 4 B

## MESSAGE FROM THE EDITOR:

Newsletter Editor: Whitney Lampe

Thank you for reading The Therm! Enjoy the ASHRAE Fort Worth February Trivia. Answers will be posted in next month's Therm newsletter.

Questions or Feedback? Need to contact us? Visit [www.ashrae-ftw.org](http://www.ashrae-ftw.org)

All contents copyright © 2025

## ADDITIONAL CONTEXT FOR JANUARY TRIVIA ANSWERS

**Q1: What two organizations merged to form ASHRAE in January of 1959?**

Answer: The American Society of Heating and Ventilating Engineers (ASHVE) and the American Society of Refrigerating Engineers (ASRE).

Before 1959, heating and ventilation professionals and refrigeration engineers operated under separate organizations - **ASHVE**, founded in 1894, and **ASRE**, established in 1904. However, as HVAC technologies advanced, it became clear that the two fields were becoming more interconnected. The merger of these two groups led to the formation of ASHRAE, officially bringing together expertise from both industries to establish stronger standards, research, and best practices.

**Q2: Why did the two organizations decide to merge in the first place?**

Answer: They recognized the increasing overlap between heating/ventilation and refrigeration technologies.

By the mid-20th century, buildings were evolving to incorporate **integrated heating, cooling, and ventilation systems** rather than treating them as separate technologies. Engineers realized that a unified organization could better address the challenges of designing efficient and effective climate control systems. The merger allowed for greater collaboration and a more comprehensive approach to indoor environmental quality.

**Q3: What was one of the biggest challenges in merging the two organizations?**

Answer: Merging their technical committees and standards (some heated debates ensued!).

Combining two well-established organizations wasn't just a paperwork exercise - it involved **merging technical standards, research methodologies, and best practices** that each group had developed separately. There were strong opinions on how things should be done, leading to some "heated" (and perhaps "cooled") discussions. Eventually, ASHRAE was able to streamline its technical committees, creating the foundation for the robust standards and guidelines that shape the industry today.

**Q4: What was one of the first major initiatives undertaken by ASHRAE after its formation?**

Answer: Creating a comprehensive handbook of HVAC fundamentals.

One of ASHRAE's first major projects after the merger was compiling knowledge from both legacy organizations into a single reference document: the **ASHRAE Handbook of Fundamentals**. This handbook became an essential resource for HVAC engineers, covering everything from heat transfer and refrigeration cycles to indoor air quality and energy efficiency. Today, ASHRAE Handbooks continue to be a cornerstone of the industry, updated regularly to reflect the latest advancements in technology and best practices.

