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ASHRAE Houston Chapter's

THE HOT AIR RECORDER

80th Volume No. 7

FEBRUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

FEB. 8

FEBRUARY CHAPTER MEETING

Join ASHRAE Houston from **11-1PM** on **Feb.8th** Be on the lookout for upcoming meeting information. We will be sending it out via email.
Location: **Dukessa Event Center**

FEB. 15

2024 ASHRAE POKER TOURNAMENT

SIGN UP NOW for the **2024 Poker Tournament** hosted at Roessler Equipment on **February 15th**. Arrive at 3:30. Cards fly at 4PM. $100 Buy-In, $50 Re-Buy. $25 2nd game Registration is open here.

FEB. TBD

YEA HAPPY HOUR - Sponsor Needed for February

Location / RSVP: Sponsor can choose the location
Date / Time: Sponsor can choose the date



ASHRAE®

SEASON PASS

8 Regular Chapter Meetings

$280 Value for $215

CLICK HERE TO BUY

ASHRAE 2024 TEXAS HOLD 'EM POKER TOURNAMENT

HOSTED BY ROESSLER EQUIPMENT COMPANY, INC.

5805 SCHUMACHER LN
HOUSTON, TX 77057
ROESSLER TRAINING BUILDING

LINK TO REGISTER

APRIL 25 - 28, 2024

ASHRAE Region VIII CRC

Chapter Regional Conference

April 25-28, 2024 Hosted by ASHRAE Dallas Chapter

Arlington, TX | Live! By Loews Hotel

CLICK HERE FOR INFO

2023-2024 Tabletop Sponsorship

$600



Sponsor the monthly Chapter Luncheon! Click HERE for more info

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ASHRAE Houston Poker Tournament

ASHRAE 2024 TEXAS HOLD 'EM POKER TOURNAMENT

THURSDAY 02.15.2024 3:30 PM

ROESSLER EQUIPMENT COMPANY, INC.

5805 SCHUMACHER LN, HOUSTON, TX 77057

ROESSLER TRAINING BUILDING

MEMBER BUY-IN $100
NON-MEMBER BUY-IN $100
RE-BUY $50
SECONDARY TABLE $25

QUESTIONS?
Nick Janssen
nick.janssen@texasairsystems.com
713.830.4523

MORE INFO ON ASHRAE WEBSITE

ARRIVE AT 3:30 PM - CARDS FLY AT 4:00 PM

Bring your friends, family, clients or co-workers!

— BUY-IN includes light snacks and full beverage service —

— PAY-OUT split 50/50 with ASHRAE Houston Chapter —

— 75 Players expected —

— CLICK HERE TO REGISTER NOW! —

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PRESIDENT'S MESSAGE

February is the month for "hearts and diamonds". I don't mean the kind that beats in your chest, the ones that are sweet treats with messages like "Be Mine", or the big rock that is worn on a finger ... I'm talking about the kind you find on a deck of cards that run from 2 to Ace. Those little heart and diamonds are the way the Houston Chapter supports our Research Promotion efforts with the Annual Poker Tournament! This year's event promises to be better than ever with your support. Find out more and register online today! Click Here!



Margaret Ingles
First Female HVAC Engineer

- Several of our members attended the ASHRAE Winter Conference and AHR Show this past month in Chicago. The Houston Chapter is well represented on society Technical Committees, and they are looking for proposal submissions for the upcoming Summer Conference in Indianapolis in June. If you have a conference seminar, workshop, panel, debate, or forum idea reach out to me. With the February 26th deadline quickly approaching, this is still time to submit a proposal, but time is running out.
- Also, this month, I'd like to encourage you to "get to a monthly meeting"! We have found our new regular monthly meeting home at Dukessa, but attendance is still hit or miss from month to month. The networking and technical content from the presenter are the draw, but YOU are the key ingredient to making our chapter a success.

P.S. – Did you know that February is National Women Inventor's Month?!?

Two important figures in the HVACR industry are:

Alice H Parker was an African-American women born in 1895 that held a 1919 patent for a central heating system that ran on natural gas. Click HERE!

Margaret Ingels who was the first female engineer to graduate from the University of Kentucky and often considered the first female HVAC engineer. She worked for Willis Carrier as a research engineer and company spokesperson and was one of the first female members of ASHVE. Click HERE!

Catherine Tinkler

ASHRAE Houston Chapter President 2023-2024

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LAST MONTH'S MEETING

2024 Past President's Night

The Post HTX

401 Franklin St
Houston, TX 77021

1/30/2024 | 6PM– 9:30 PM

Event Schedule

6:00 Registration/Check In
6:30 Mechanical System Tour
7:30 Dinner
8:30 Mingle
9:00-9:30 Depart

Parking

There are several lots surrounding Post HTX that are available for our event. Parking is free for the first hour, and then $5 for every hour after.

Dinner and a selection of beverages (including beer and wine) will be available. Please thank S&S HVAC– our beverage sponsor– for ensuring that we will have beer and wine available for the event! We'd also like to thank McMillan James Equipment Company for sponsoring the dinner.

We're still looking for a parking sponsor so that our guests don't have to pay for parking. Please see sponsorship details below. Please reach out to JulieT@MJEC.com if you or someone you know is interested in a sponsorship!

Available Sponsorship Opportunities

Sponsor Level	Cost	Description
Parking Sponsor	$1000.00	Allows free parking for our guests. Parking vouchers will be sent to guests with you company logo on them. Additionally, your company will be advertised as the parking sponsor on the website, social media, newsletter, and the slideshow running during dinner
Past President's Night Supporter	$300.00	We will have several of these sponsorships open. Your company will be advertised as a Past President's Night Supporter on the website, social media, newsletter, and the slideshow running during dinner. This will greatly help us offset the costs of the venue.

THANK YOU TO OUR SPONSORS:

DINNER SPONSOR:

McMILLAN JAMES EQUIPMENT COMPANY, LLC

BEVERAGE SPONSOR:

S & S

REGISTRATION SPONSOR:

BRD HUSH CORE

ASHRAE HOUSTON THANKS ALL PAST PRESIDENTS!!!

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THIS MONTH'S MEETING

TOPIC: LABS2ZERO WITH I2SL



The International Institute for Sustainable Laboratories (I2SL) is devoted to the principles of sustainable laboratories and related high-technology facilities, from design to engineering to operation. Through worldwide partnerships and the exchange of technical expertise, I2SL will encourage the development of high-tech facilities that address the rapid pace of science, medicine, research, and development in an ever-changing and dynamic environment. Laboratories have an outsized impact on carbon emissions due to their energy-intensive nature, so it is vital to understand the steps that lab owners, managers, designers, and engineers can take to help decarbonize them. To develop a roadmap to decarbonize the world's high-tech research facilities, I2SL is creating the Labs2Zero program, comprised of a variety of options and information that address both the complexity of laboratories and the need to make them more efficient while reducing the emissions associated with their building and operations. Come join us in the unique partnership lunch meeting to learn how the Labs2Zero program can be implemented in lab designs today.

This is a great opportunity for engineers, owner, contractors, and architects in the lab community! We encourage grabbing your colleagues and clients to attend. Carpooling is also highly recommended- we will reward you with an extra raffle ticket for a prize at the end of the meeting for everyone that carpools.

GET TO KNOW THE SPEAKER:

GREG SMITHMYER

Greg Smithmyer, located in AEI's Chapel Hill, NC office, is a Senior Mechanical Engineer and Project Manager with nearly 15 years of experience in the design of high-performance laboratory, healthcare and higher education facilities. He is a registered Professional Engineer, LEED Accredited Professional, the Treasurer of the North Carolina Triangle Chapter of I2SL and an active member of the I2SL Labs2Zero Design Tools Technical Advisory Council.

SEASON PASSES TO ALL CHAPTER MEETINGS!!!

This year we are also offering a Season Pass ticket to 8 ASHRAE Houston Chapter meetings for chapter members. **Save $$$ on chapter meetings today!** You will still need to register for each meeting and pay $0!

If you're interested in this reduced rate, one time purchase please buy a SEASON PASS HERE prior to registering for this meeting.

MEMBER

$35.00 Member Luncheon Ticket

$40.00 After 12:00 pm on February 7th

NON-MEMBER

$45.00 Non-Members Luncheon Ticket

$50.00 After 12:00 pm on February 7th

CLICK HERE TO REGISTER

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NATIONAL NEWS



Registration will be open from November 10, 2023 until February 1, 2024!

Are you interested in expanding your knowledge, meeting fellow engineers and having some fun along the way? Look no further than YEA Leadership Weekend! YEA Leadership Weekend is an opportunity for you—the future leaders of ASHRAE—to learn more about Society, develop soft skills and network with other young professionals. Over 1,100 YEA members have already taken advantage of this great opportunity…will you be next?

This event will include segments on understanding your own personality as well as other types, leadership development for young professionals, communication techniques and ASHRAE leadership opportunities.

Leadership Weekend Objectives

1. Leadership
2. Networking
3. Communication
4. Professional Development

Download the YEA Leadership Weekend flyer for more information. It's a great resource to supply your employer to support your attendance!

YEA LEADERSHIP WEEKEND FLYER

Registration

The Spring 2024 YEA Leadership Weekend will be held at the Mexico City Marriott Reforma Hotel in Mexico City, Mexico from March 22-24, 2024. Registration is $580 and includes hotel accommodations for Friday and Saturday, meals during the event (dinner on Friday, all meals on Saturday, and breakfast and lunch on Sunday), and all necessary materials and resources. Airfare and any ground transportation costs are **not** included.

REGISTER HERE

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LOCAL NEWS



AIA Houston *extends an invitation for ASHRAE Houston to attend this year's Gulf Coast Green conference. Once registration opens a discount code will be available for our members to attend at a reduced rate. Please mark your calendars and support this opportunity.*

GULF COAST GREEN 2024

Gulf Coast Green 2024 Symposium

SAVE THE DATE! MARCH 22, 2024



Wild by Design

For its 18th year, AIA Houston's Gulf Coast Green conference will explore the connection between design and nature, both inside buildings and out. The event will focus on nature-based solutions, including topics like biophilia, biomimicry, creating sustainable and resilient landscapes, reducing urban heat island effect, and minimizing the built environment's impacts on climate and biodiversity loss.

Location: Houston Zoo, Brown Education Center, 1513 Cambridge Street, Houston, TX 77030

https://aiahouston.org/v/event-detail/Gulf-Coast-Green-2024/292/

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RESEARCH PROMOTION

HOUSTON ASHRAE 2023-2024 RESEARCH PROMOTION FUNDRAISING EVENTS:

SPORTING CLAY TOURNAMENT	FALL GOLF TOURNAMENT	SPRING GOLF TOURNAMENT	POKER TOURNAMENT
9.05.2023	11.16.2023	04.04.2024	02.15.2023
Greater Houston Sports Club	The Golf Trails of The Woodlands	Blackhorse Golf Club	Roessler Equipment

2023-2024 ASHRAE ANNUAL SPONSORSHIP OPPORTUNITIES:

PLATINUM

$10,000

- Signage at each event as a Platinum Sponsor and ASHRAE Partner
- Recognition on the ASHRAE Houston website as a platinum sponsor with a link to your website
- (1) LinkedIn campaign for a product of your choosing
- ASHRAE Partner recognition at the annual conference
- One team (of 4) at both Golf Tournaments+ first buy ins for six (6) participants at the Poker Tournament
- Admission for four (4) to the Past President night
- Tailgate sponsor at the Golf Tournaments

CONTRIBUTE HERE

GOLD

$7,500

- Signage at each event as a Gold Sponsor
- Recognition on ASHRAE Houston website as a Gold Sponsor
- (1) LinkedIn campaign for a product of your choosing
- One team (of 4) at the Golf Tournament of your choice + first buy ins for four (4) participants at the Poker Tournament
- Hole sponsor signage at both Golf Tournaments
- Admission for two (2) to the Past President night

CONTRIBUTE HERE

SILVER

$5,000

- Signage at each event as a Silver Sponsor
- Recognition on the ASHRAE Houston website as a silver sponsor
- Two(2) participants at (1) Golf Tournament
- Hole sponsor signage at the both Golf Tournaments
- Table top display at (1) Golf Tournament
- First buy in for two (2) participants at the Poker Tournament
- Admission for two (2) to the Past President night

CONTRIBUTE HERE

BRONZE

$2,000

- Signage at each event as a Bronze Sponsor
- Recognition on the ASHRAE Houston website as a bronze sponsor
- Hole sponsor signage at the golf tournament of your choice
- Admission for one (1) to the Past President night

CONTRIBUTE HERE

CONSULTING ENGINEER

$1,000

- Available only to consulting engineering firms
- Signage at each event as a Consulting Engineer Sponsor
- 1) LinkedIn campaign for a product of your choosing
- Recognition on the ASHRAE Houston website as a consulting engineer sponsor
- Inclusion for free in the ASHRAE Houston directory
- Free job opening postings on the ASHRAE Houston website and HAR
- Hole sponsor signage at the golf tournament of your choice

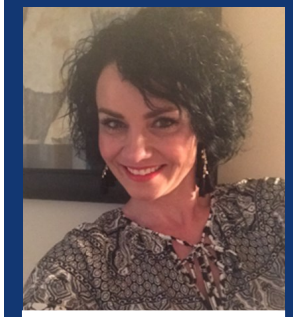
CONTRIBUTE HERE

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MEMBERSHIP

2023-2024 MEMBERSHIP PROMOTION COMMITTEE



Shannon Yancey

Check out these resources to support our Membership Promotion initiatives

CONNECT-A-COLLEAGUE

We've kept it simple: Enter your name and email, your colleague's name and email, and press send. That's it! This pre-written invitation will be sent on your behalf, and includes options to reference an ASHRAE technical committee section, and to add a custom message.

CLICK HERE TO GET STARTED

GET YOUR BOSS ON BOARD

Most employers are happy to support involvement in a professional society like ASHRAE. Below are sample emails for new members looking to join, or current members looking to renew.

Support My ASHRAE Membership

Support My ASHRAE Membership Renewal

Please welcome our newest member:

Join or renew (simple 4 step process) through **https://www.ashrae.org/join**
If you have any questions, contact Shannon Yancey at (832) 523-6619 or Shannon.Yancey@Caleffi.com
For more info: **https://www.ashrae.org/communities/regions**

TREASURER



23-24 Treasurer: Heather Camden

✓ Chapter is in good financial standing

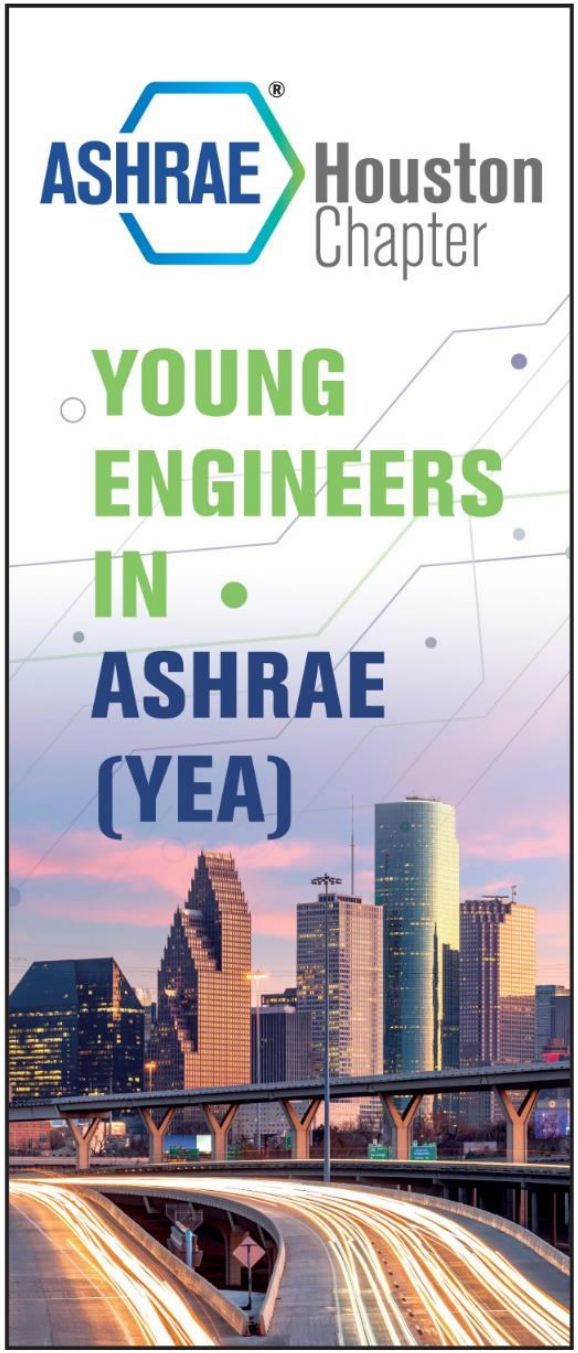
Books have been transferred from Nick Janssen to Heather Camden

TAX Last year's taxes are filed

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YEA



JANUARY HAPPY HOUR

ASHRAE and YEA would like to thank Melanie Mabry Loyd for hosting a phenomenal January Happy Hour with AGC at Flight Club. Way to think outside the box Melanie!!!

FEBRUARY HAPPY HOUR

Sponsor Needed

Date TBD

Time TBD

Location TBD

YEA SPONSORS (2023-2024)

WE ARE SEEKING SPONSORS TO HELP US SUPPORT OUR COMMITTEE

IF INTERESTED PLEASE CLICK **HERE**

YEA SPONSORS NEEDED

Join us at our next event!

Want to Sponsor?

Reach out to Pablo Marin via email here

How to Sponsor?

After emailing Pablo, pick a date, time and location so that we can post in upcoming Newsletters!

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REFRIGERATION

Importance of Refrigerant Recovery, Recycling, and Reclamation

WRITTEN BY: JAMES ROBINSON

Hello Houston Chapter. In June of 2023 , the U.S Court of Appeals for the District of Columbia Circuit overturned an EPA rule banning the use of non-refillable refrigerant cylinders. The EPA had earlier argued that reusable cylinders with QR tracking capabilities was an important component of the AIM Act. According to the EPA, QR coded reusable cylinders would help the agency and industry stakeholders track dwindling supplies of HFC refrigerants and thwart black market activities. Worthington Industries Inc.—a domestic refrigerant cylinder manufacturer—challenged the proposal in court citing agency overreach and unnecessary financial burden on the HVAC Industry. Currently, non-refillable cylinders are filled with new refrigerants produced by manufacturers and distributed to suppliers. Once non-refillable cylinders are emptied they are disabled by technicians and disposed of as a scrap metal. Non-refillable cylinders offer no additional benefits that would complement the AIM Act. On the other hand , QR coded reusable cylinders could play a key role in a successful phasedown of HFC refrigerants and transition to A2L refrigerants, For example, QR coded reusable cylinders could be used to help the EPA confirm that HFC refrigerant productivity levels are in compliance with annual phasedown targets. QR coded reusable cylinders could be designed to store new A2L refrigerants as well as recover the same refrigerant in the field. This approach would also identify the material as a A2L refrigerant and prevent cross contamination with the other refrigerants during service work. Finally QR, coded reusable cylinders could be use to help prevent illegal imports of banned refrigerants into the United States. The EPA's new proposed cylinder rule would have taken effect in 2025 which is consistent with the widespread production and distribution of A2L equipment in the United States.

Additional information can be obtained at

www.epa.gov, www.hudsontech.com, www.refrigerants.com, www.agas.com

Refrigeration
CHAIRS

JAMES ROBINSON

DON INVESTER

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STUDENT ACTIVITIES

STUDENT ACTIVITIES CHAIR



TARA DENNIS
STUDENT ACTIVITIES CHAIR



SADIA ASHRAF
LYNN G. BELLENGER
SCHOLARSHIP RECIPIENT



JOHN MCCULLOCH
DUANE HANSON
SCHOLARSHIP RECIPIENT

We are excited to announce that two Region VIII students were selected as 2023-24 Society $5,000 Scholarship Recipients! Please join me in recognizing both Sadia and John on their outstanding accomplishment!

***Sadia Ashraf**, Mechanical Engineering attending the University of Houston is the recipient of the Lynn G. Bellenger Engineering Scholarship which recognizes female undergraduate engineering students and is named in memory of the Society's first female president, who served as the Society's president in 2010-11.*

***John McCulloch**, Mechanical Engineering attending Texas A & M University and Texas University, is the recipient of the Duane Hanson Scholarship established by Gayner Engineers and is named for the company's former president.*

Stay up to date on the latest news and resources available to you by signing up for the student newsletter.

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GRASSROOTS GOVERNMENT

ENGINEERING WEEK IS RIGHT AROUND THE CORNER



Also, **Engineers Week** is coming up **February 18-24, 2024**.

We want people to volunteer in promoting it and participating in events

https://houstonengineersweek.org/

Engineers Week

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SUSTAINABILITY

ASHRAE Publishes First Zero Energy and Zero Carbon Building Evaluation Standard

ANSI/ASHRAE Standard 228-2023, Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance, sets requirements for evaluating whether a building or group of buildings meets a definition of "zero net energy" or a definition of "zero net carbon" during building operation. The standard draws from ASHRAE Standard 105, among others, to address energy and carbon flows across a site boundary, their measurement, and their balance.

"Achieving a zero energy building has been viewed by many as a difficult goal to meet, with unforeseeable roadblocks and differing guidance," said Keith Emerson, P.E., Life Member ASHRAE, chair of the Standards Project Committee 228. Standard 228 provides a consistent method for determining whether new and existing sites have reached zero energy. We hope this standard will become a helpful resource for building professionals in strategic decarbonization planning."

Standard 228 does not apply to the establishment of building energy performance goals or limits; design guidance or design requirements; embodied energy of building materials and systems; and transportation to and from a building. The standard is also not intended to circumvent any safety, health, or environmental requirements.

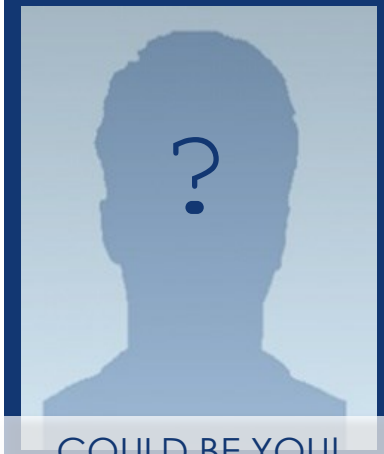
Department of Energy picked a Houston Consortium as Hydrogen HUB

The US Department of Energy selected Houston as home to one of seven clean hydrogen hubs nationwide. The new development could bring upto $1.2 Billion in federal funding to the Houston area. The Houston HUB is expected to be the largest out of the seven in regards to production, and the funding is going to go to HyVelocity Hub, a Houston consortium of oil and gas companies, public universities and nonprofit organizations. The hub is projected to create around 45,000 local jobs.

SUSTAINABILITY CHAIR



Andreas Winardi, PE



COULD BE YOU!

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COMMISSIONING

2023-2024 COMMISSIONING CHAIR

ADAM SEGOVIS



WRITTEN BY: ADAM SEGOVIS

Building Commissioning, in accordance with ASHRAE standards, is a systematic and comprehensive process aimed at ensuring that newly constructed or renovated building functions efficiently, reliably, and in accordance with the owner's requirements. ASHRAE particularly in Standard 202, outlines the guidelines for the commissioning process. This entails a series of activities, starting from the design phase, through construction, and into the occupancy phase. It involves the verification and documentation of all building systems, including HVAC, electrical, plumbing, and controls, to confirm they meet performance criteria and are integrated seamlessly. By adhering to ASHRAE standards for Building Commissioning, owners and occupants can benefit from enhanced energy efficiency, improved indoor air quality, reduced operating costs, and an overall optimized building performance. Over the next few months we will be covering Standard 202 in more detail.

USEFUL RESOURCES

Here is a link to a short video describing the benefits of continuously commissioning existing buildings
https://www.youtube.com/watch?v=U9wvpHsLOPU&t=58s

If commissioning is part of your process, expert guidance is essential.
ASHRAE offers several resources to help guide your team through this critical phase of a new construction project
https://www.ashrae.org/technical-resources/bookstore/commissioning

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BOG MINUTES

ASHRAE Houston Chapter

January 9, 2023 Meeting Agenda

I. Approve November Meeting Minutes
II. Monthly Meeting Team Reporting – action before the meeting and then report completed
- ✓ Update on MBO & month's activities sent to RVC, Pres, BOG, Officer, and Chair Team
- ✓ PAOE points entered
- ✓ Uploads to Region 8 Basecamp and/or Houston Basecamp
- ✓ Communications content for current & next month

	Min Points	PAR	22-23 Final	MBOs	September	Check In	October	Check In	November	Check In	December	Check In	January	Check In
Chapter Operations	600	1500	1355	X	435	X	515	X	555	X	755	X		
Chapter Technology Transfer	550	1500	3600	X	100	X	200		300		800			
Communications	300	700	820	X	25	X	65	X	65		65			
Government Affairs	500	1250	3150	X	200	X	500		500		850			
Historical	100	500	0	X	50	N/A	50	N/A	50	N/A	50	N/A		N/A
Membership Promotion	1000	1600	1785	X	350		350		350		450			
RP	800	1050	8287	X	0	X	0		142		909			
Student Activities	500	800	1390	X	180		180		180		625			
YEA	300	900	2325	X	650	X	1400	X	1400	X	1400			
			22712		1990		3260		3542		5904			
Newsletter/Electronic Comm				X		X		X		X		X		
Refrigeration						N/A		N/A		N/A		N/A		N/A
Treasurer														

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BOG MINUTES

a. (Operations Team) Alan Neeley + President + Historian + GAC + H&A
   i. Neely:
      1. Gayln Richardson – pushed last year to receive exceptional service award → ASHRAE HQ counts his experience at other levels towards ESA award.
      2. Fellow Workshop is still in the works; not progressing as quickly as expected. Expected to submit 1 or 2 Fellow Nominees for 2024.
b. (Programs Team) Ken Shifflett + CTTC/President-Elect + Refrigeration + Sustainability + Commissioning
c. (Stakeholder Team) Greg Tinkler + RP/Vice President + YEA + WiA
   i. Nick J:
      1. Nothing to report. Had a successful Fall Golf Tournament. Wants to revisit books prior to reporting to chapter. Looking to get engaged with John Walik for Poker Tournament scheduled in the middle of February.
      2. Will need Volunteers for Poker Tournament.
      3. Spring Golf Tournament will be at Black Horse.
   ii. YEA: Jacob Bush
      1. January AGC and Hunton Trane – Location: Flight Club Houston
   iii. WiA: Christy Troutman and Heather
      1. Possibility of Joint YEA & WiA HH?
d. (Nuts & Bolts Team) Keith Reihl + Treasurer + Newsletter + Communications
   i. Treasurer: Heather Camden:
      1. Checks went out for Texas A&M.
      2. Working on wrapping up accounting for last year and this year.
      3. Heather would be willing to remain as secretary for upcoming years.

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BOG MINUTES

ii. Newsletter: Mason Hall
    1. Newsletter is ready to go out – being held until past presidents night date has been finalized.

e. (Engagement Team) Mike Langton + Secretary + Membership Promotion + Student Activities

III. Old Business
  a. Storage unit has been transferred – We still need keys
    i. We need to find who has the keys to the storage Unit.
  b. Reminder about CRC next April in Dallas – book hotel now if possible
    i. Will ASHRAE fund the hotels for attendees?
      1. In Nick and Julie's court?
  c. Recap of Treasurer position discussion
    i. Push this discussion 1 more month.

IV. New Business
  a. PAOE Training – Tuesday, January 30, 2024 12:00 PM | Eastern Time
     Registration Link:
     https://ashrae.webex.com/weblink/register/rd91b0d70a2072615da24f6ade26a14d7
  b. Chapter TC Liaison –
    i. Is anyone willing to be a Liaison?
  c. YEA Leadership Retreat – funding available?
    i. In the past the chapter has funded. Is this an option this year?
    ii. Should we explore using surplus $ in the YEA fund to support our chairs to attend?
    iii. Revisit this next month.
  d. Chapter Officers attend Decarb 101 Training
     https://www.ashrae.org/about/decarbonization-101-a-four-part-video-series
    i. Part 1 (January)
    ii. Part 2 (February)
    iii. Part 3 (March)
    iv. Part 4 (April)
    v. James Robinson:
      1. Has been monitoring these refrigerant changes. Will continue to update the chapter article notes.
      2. Dennis Russel in Ohio reached out about volunteer opportunities. Working together for the upcoming conference.
    vi. Catherine Tinkler:
      1. PAOE Pts opportunity for officers who attend the Decarb Training

MEETING ADJOURNED

@ 4:21pm 1/9/24

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ROSTER

2023-2024 Houston Chapter Volunteer Leadership

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