



THE GUIDE POST

February 2018

IN THIS ISSUE

President's Message

by Lauren Wilson, 2017-2018 Chapter President



Dear San Jose ASHRAE Members and Friends,

Some of you are just getting back from the ASHRAE winter conference and AHR expo in Chicago. I hope you stayed warm and enjoyed informative seminars and technical sessions that ASHRAE has to offer. Our treasurer, Elise Kiland got to shadow our Regional Director, Marites Calad while she went to ASHRAE meetings and social events. If you are interested in doing this in the future, go to ashrae.org and check out the Region LeadRS Program.

Last month, San Jose hosted Christopher Muller, on January 10th at the Biltmore hotel. Chris spoke about how CO2 can negatively impact the indoor air quality of a space. Thank you Chris for the great presentation!

Our speaker this month is Rich Swierczyna who will be speaking about state of the art commercial kitchen ventilation technologies. This will be a topic you don't want to miss! For more information on the topic and speaker, go to <https://sanjoseashrae.wildapricot.org/event-2793180> We have a couple of social events coming up in March and April. The YEA sharks game against the St. Louis Blues is on March 8th. There are still spots left so sign up now! Registration has just opened for our annual Bocce Ball Tournament on April 12th. We have many sponsorship options available for this event and would appreciate your company donating for this event. All donations will go to our chapter operations, college scholarships, and ASHRAE resource promotion. If you have any questions please reach out to Manny Uribe, muribe@westernallied.com

Nominations for San Jose ASHRAE officer positions will be accepted next month. Start thinking about anyone who you think would be a good fit to serve our chapter. Elected officer positions include president elect, treasurer, secretary, and board of governors. Nomination forms will be sent out through email and will be available on our website.

Cheers,

Lauren Wilson, Chapter President

February Monthly Meeting



This month we go back to Biltmore to learn about efficient designs for commercial kitchen ventilation! It's also MP night

ASHRAE Bocce Ball Tournament



Bocce Ball is back! Reserve you team now while they're still available! We all know this event never fails, get registered now!

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FEBRUARY TECHNICAL MEETING AND MP NIGHT

APPLYING STATE OF THE ART COMMERCIAL KITCHEN VENTILATION TECHNOLOGIES FOR COMFORT AND PERFORMANCE

SPEAKERS: RICH SWIERCZYNA

We welcome you to join us for our technical meeting at the Hotel Biltmore in Santa Clara for an evening of sharing knowledge, fun and networking.

Date: February 21, 2018

Location: Hotel Biltmore
2151 Laurelwood Rd, Santa Clara, CA 95054

Time:

Check-in and Social:	5:30PM
Presentation with Dinner	6:30PM - 8:15PM
YEA Mixer	8:30PM – last drink served

Cost:

Early bird Registration fee:	\$ 50/- (by Midnight February 14th)
Late Reg./Walk-ins/Non-Members:	\$ 60/-

RSVP: <https://sanjoseashrae.wildapricot.org/>

Speaker:

Rich Swierczyna
Food Service Technology Center
San Ramon, CA

Rich Swierczyna manages the Commercial Kitchen Ventilation Laboratory (CKVL) for Frontier Energy at the Food Service Technology Center (FSTC). Mr. Swierczyna brings over 25 years of experience to the FSTC-CKVL project. He is heavily involved with ASHRAE (formerly American Society of Heating, Refrigerating and Air-Conditioning Engineers) and ASTM (formerly the American Society for Testing and Materials) as a technical committee member, as well as an author of numerous reports and papers.

Mr. Swierczyna has been instrumental in the development and adoption of best practices for optimizing commercial kitchen ventilation, and for building HVAC and replacement air systems. Through design guides and revisions to the ASHRAE Handbook, as well as through championing changes to codes and standards, he has helped the industry minimize restaurant operating costs while maintaining operator comfort.



Applying State of the Art Commercial Kitchen Ventilation Technologies for Comfort and Performance

Overview:

The seminar will focus on the design challenges of commercial kitchen ventilation systems and how they affect performance, operator comfort, exhaust air heat recovery and demand control commercial kitchen ventilation (DCKV). Commercial kitchen ventilation heat recovery and DCKV systems will be presented from the perspective of available technologies, codes and standards, and performance issues

Membership Promotion Night:

Join us for an evening of networking and fun while learning about the importance and benefits of membership in ASHRAE.

Please bring a colleague, business associate, or individual you believe will benefit with membership. We encourage all members to join us and share their ASHRAE experience with prospective members.

As a thank you, members and their guest(s) will be rewarded with free raffle tickets good for the evening draw! We look forward to seeing you and your guest.

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SAN JOSE ASHRAE PRESENTS

BOCCE BALL 2018

April 12 • Campo di Bocce
5pm - Check-in
5:30pm - Bocce play begins
7:30-8pm - Announcements & Marble Draw



Resource Promotion Night & Member Social

Come have a great night of fun, bocce ball and dining with the San Jose ASHRAE chapter! It's the event of the year you won't want to miss!





Priority registration for sponsors starts now until March 2nd. Registration is limited to 32 teams. Team registration and payment deadline is March 23rd. Dining only registration and payment deadline is March 30th. Proceeds benefit scholarships, ASHRAE research & chapter activities.

CORPORATE SPONSORSHIPS

PLATINUM

\$2000

Top level recognition on t-shirt, banner at tournament, sponsor award plaque, website recognition, 1 team registration for Bocce and an option to reserve up to 4 teams. (Note that extra reserved teams are an additional \$600 each)

GOLD

\$1500

Second level recognition on t-shirt, banner at tournament, sponsor award certificate, website recognition, 1 team registration for Bocce and an option to reserve up to 2 teams. (Note that extra reserved teams are an additional \$600 each)

SILVER

\$1000

Recognition on t-shirt, banner at tournament, sponsor award certificate, website recognition, and 1 team registration for Bocce

SINGLE TEAM -\$600

DINING ONLY -\$50

Register at sjashrae.org

To pay by check, register online then make check payable to San Jose ASHRAE and send to Manuel Uribe c/o Western Allied Mechanical, 1180 O'Brien Dr., Menlo Park, CA 94025

Contact Manuel Uribe at muribe@westernallied.com with registration questions, about sponsorship opportunities without a team or if you would like to donate to the marble draw.



LeaDRS Program

CHICAGO WINTER CONFERENCE
ELISE KILAND

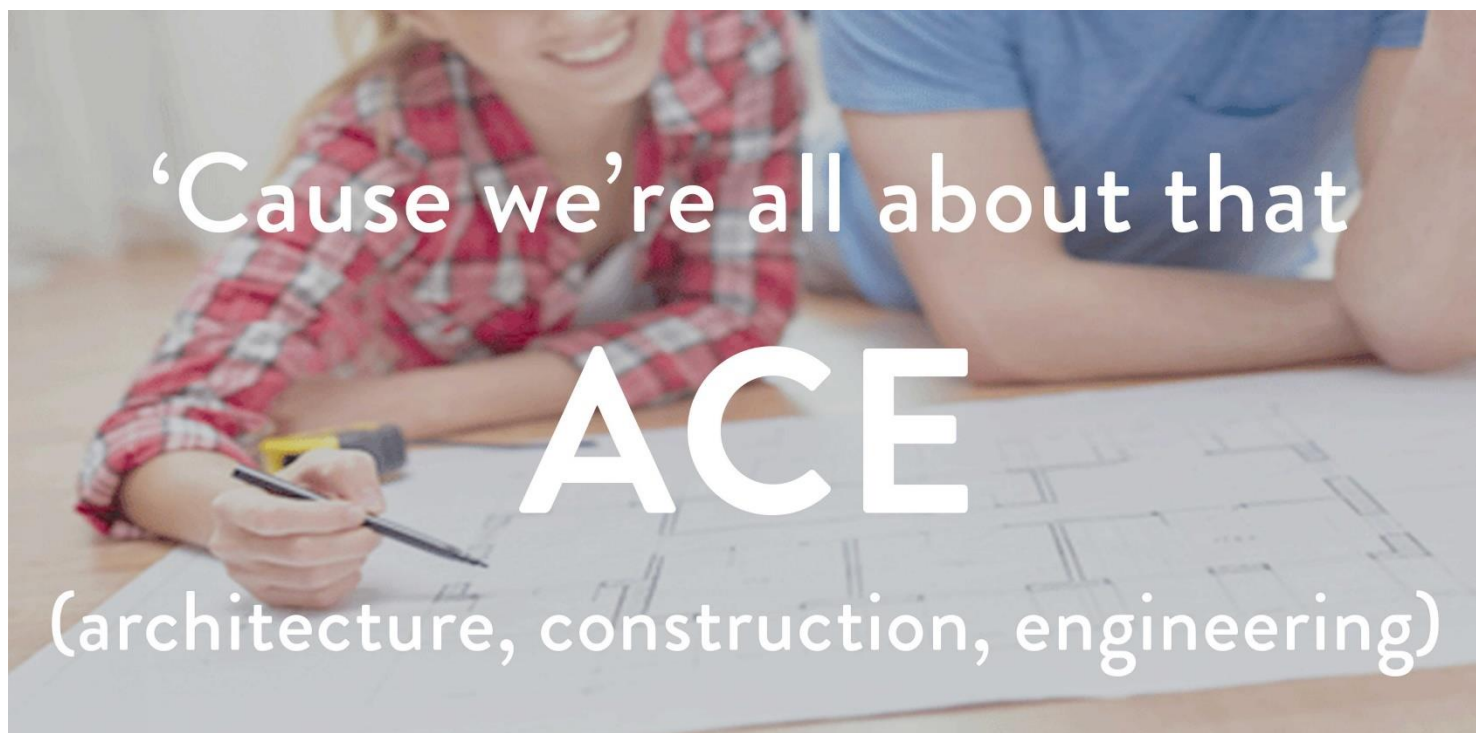
This year, I had the privilege of representing Region X as our LeaDRS candidate. Through the LeaDRS program, I shadowed Region X DRC, Marites Calad, through her meetings at the ASHRAE Winter conference in Chicago.

Through shadowing Marites at her meetings, I was able to see the society from a different perspective. We attended a DRC meeting where I saw firsthand struggles and successes that other regions have, and a planning meeting where a committee of highly qualified ASHRAE members were discussing the upcoming strategic plan for the society. My favorite meeting was the Board of Directors meeting. Seeing how decisions are made at a society level was eye opening and I admire all the work these volunteers put into ASHRAE.

I was also able to make some friends within the LeaDRS program. Many of us attended the same meetings and got to know each other well throughout the long weekend. I hope to see these friendly faces as we all progress through the ASHRAE ranks.

I had two main takeaways throughout my time in the LeaDRS program. The first is that I learned there are many ways to serve ASHRAE without being part of a technical committee. Being a project engineer at a design build contractor, I have always felt somewhat out of place in the technical sphere. The LeaDRS program opened my eyes to all of the planning, publishing, finance, and more, sides of ASHRAE that are more people oriented and less technical. The second takeaway is that it is possible to balance your job and ASHRAE. Marites flawlessly balanced all of her meetings for ASHRAE as well as being a manufacturers representative and all that the AHR expo entails. It gave me hope that I too can succeed in my career as well as volunteer for ASHRAE.





Mentors needed Jan–May 2018!

What do ACE mentors do?

- ✓ Team up with other South Bay professionals to inspire students in your field.
- ✓ Facilitate a 2-hour weekly session at a local high school (**three sites** to choose from). Typical sessions involve guest speakers, activities, and time for student teams to work on a final project design.

Perks for you:

- ✓ Networking opportunities
- ✓ FREE 3-year license to all Autodesk software
- ✓ Warm fuzzy feelings knowing you are giving back to students in your community!

📍 SJ1: Monta Vista High School

Room F-101
Tuesdays at 4–6 p.m.
Beginning January 16, 2018

📍 SJ2: Independence High School

Room M-38
Wednesdays at 4–6 p.m.
Beginning January 17, 2018

📍 SJ3: Yerba Buena High School

Room 903
Mondays at 4–6 p.m.
Beginning January 15, 2018



ACE MENTOR PROGRAM
ARCHITECTURE • CONSTRUCTION • ENGINEERING

The ACE (architecture, construction, engineering) Mentor Program is a national nonprofit organization, reaching over 8,000 students annually. Learn more and register today at acementor.org.

Questions? Contact Hugh King at Hugh.King@salasobrien.com.

MEMBERSHIP PROMOTION

Join us for an evening of networking and fun while learning about the importance and benefits of membership in ASHRAE. Please bring a colleague, business associate, or individual you believe will benefit with membership. We encourage all members to join us and share their ASHRAE experience with prospective members.

As a thank you, members and their guest(s) will be rewarded with **free raffle tickets** good for the evening draw! We look forward to seeing you and your guest.

San Jose would like to welcome the following members:

Associate Member

- ❖ John Hatfield
- ❖ Brann James
- ❖ Benjamin Dowdell

We look forward to seeing you at the next meeting!

Please consider membership advancement! Why should a member advance from Associate to Full Member status?

- Local Chapter Recognition
- Service Society, Chapter, or Regional Committees
- Qualify for ASHRAE Fellow & other Society awards

To become a Full Member, complete the three steps below.

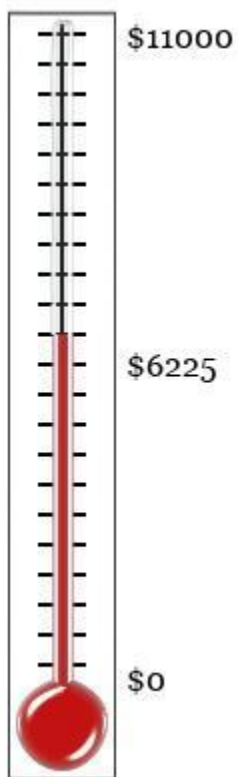
1 - Check if you qualify.	2 - Update your online ASHRAE Profile.	3 - Notify / email ASHRAE.
See the next page on Attaining Full Membership	Go to www.ASHRAE.org . Select "My ASHRAE" Select "Review/Update Profile"	Email membership@ashrae.org Let them know you have an updated bio and wish to be considered for a grade advancement.

RESEARCH PROMOTION

San Jose ASHRAE is proud to show our Research Promotion Donation progress!

The 2017-2018 year RP goal is \$11,000!

Contact Rob Potter, Rpotter@cmihvac.com, for ways you can help! s



GOVERNMENT GRASSROOTS ADVOCACY COMMITTEE

ASHRAE Government Affairs

Stay informed on the latest news. Subscribe to ASHRAE's Government Affairs Update!

This bi-weekly publication features information on government affairs-related activities of interest to ASHRAE members and others interested in the built environment.

Subscribe through the link below:

<https://www.ashrae.org/government-affairs/government-affairs-updates>

CODE DEVELOPMENT ANNOUNCEMENT

Comments Due for California Energy Code / T24	
DEADLINE March 05, 2018	<ul style="list-style-type: none"> 2019 California Code <ul style="list-style-type: none"> Part 1, Chapter 10 (CA Administrative Regulations for the CA Energy Commission, CEC) Part 6 (CA Energy Code) The 2019 Standards will go into effect on January 1, 2020. See newsletter for public hearing dates, submission process, and more.
Proposals Due - International Association of Plumbing and Mechanical Officials (IAPMO®)	
DEADLINE March 16, 2018	<ul style="list-style-type: none"> 2021 Editions <ul style="list-style-type: none"> Uniform Plumbing Code (UPC®) Uniform Mechanical Code (UMC®) 2021 UPC and 2021 UMC will be available in the first quarter of 2020. More info: www.iapmo.org

Comments Due for California Energy Code / T24	
DEADLINE	March 05, 2018
INFORMATION	<p>2019 Building Energy Efficiency Standards</p> <ul style="list-style-type: none"> California's Building Energy Efficiency Standards are updated on an approximately three-year cycle. The 2019 Standards will continue to improve upon the 2016 Standards for new construction of, and additions and alterations to, residential and nonresidential buildings. The 2019 Standards will go into effect on January 1, 2020. <p>Overview Summary of the Effect of the Proposed Regulations</p> <ul style="list-style-type: none"> The 2019 Standards focus on three key areas: proposing new requirements for installation of solar photovoltaics for newly constructed low-rise residential buildings; updating current ventilation and Indoor Air Quality (IAQ) requirements, including references to ASHRAE 62.1 and 62.2; and extending Title 24 Part 6 to apply to healthcare facilities. The 2019 standards also propose several smaller improvements in energy efficiency, such as efficiency standards for laboratory fume hoods, that are described in greater detail. In addition to updating the Standards in Title 24 Parts 1 and 6, the Energy Commission is also proposing updates to the CALGreen energy efficiency provisions in Title 24, Part 11, in a separate, parallel rulemaking. <p>For more information on dates and how to submit comments: http://docketpublic.energy.ca.gov/PublicDocuments/17-BSTD-02/TN222224_20180118T161546_2019_Standards_Notice_of_Proposed_Action.pdf and http://docketpublic.energy.ca.gov/PublicDocuments/17-BSTD-02/TN222354_20180124T131523_45day_Express_Terms_2019_Standards_Ch_8.pdf</p>
PUBLIC COMMENT PERIOD AND HEARINGS	<p>HEARING - 45-Day Language Express Terms for The Energy Efficiency Lead Commissioner Hearings</p> <p>February 5 and 6, 2018 9:00 a.m. CALIFORNIA ENERGY COMMISSION Hearing Room A 1516 Ninth Street Sacramento, California (Wheelchair Accessible)</p> <p>The Energy Commission's Energy Efficiency Lead Commissioner will hold public hearings to receive public comments on the proposed action.</p> <p>At these hearings, any person may present statements or arguments relevant to the proposed regulatory action summarized below.</p>

<p>PUBLIC COMMENT PERIOD AND HEARINGS</p>	<p>The proposed language (45-Day Language Express Terms) is posted on the Energy Commission's website at: http://www.energy.ca.gov/title24/2019standards/.</p> <ul style="list-style-type: none"> • The 45-Day Language Express Terms are also available from the Energy Commission's Building Standards Office (contact persons are listed later in this NOPA). • The Energy Efficiency Lead Commissioner Hearings to discuss the 45-Day Language are scheduled as follows: February 5 and 6, 2018 9:00 a.m. CALIFORNIA ENERGY COMMISSION Hearing Room A 1516 Ninth Street Sacramento, California (Wheelchair Accessible) • The Energy Efficiency Lead Commissioner Hearing will be held on the first date listed. • The Energy Efficiency Lead Commissioner Hearing may continue on the second date listed, as necessary. • Audio for the Energy Efficiency Lead Commissioner Hearings will be broadcast over the internet. For details, please go to: www.energy.ca.gov/webcast. <p>PROPOSED ADOPTION DATE – FULL ENERGY COMMISSION HEARING (possible final adoption of the Express Terms)</p> <ul style="list-style-type: none"> • March 21, 2018 10 a.m. CALIFORNIA ENERGY COMMISSION Hearing Room A 1516 Ninth Street Sacramento, California (Wheelchair Accessible). • The public comment period for the 2019 Building Energy Efficiency Standards will begin on January 19 2018, and end at 5:00 p.m. on March 5, 2018. Any interested person may submit written comments on the proposed amendments. <p>Audio for the hearings will be broadcast over the internet. For details, please go to: www.energy.ca.gov/webcast.</p> <p>Rulemaking on 2019 Building Energy Efficiency Standards</p> <p>Lead Commissioner: Andrew McAllister About the Rulemaking</p> <p>The California Energy Commission has opened a public process and rulemaking proceeding to adopt changes to the Building Energy Efficiency Standards contained in the California Code of Regulations (CCR), Title 24, Part 6 (also known as the California Energy Code), and associated administrative regulations in Part 1 (collectively referred to here as the Standards). The updated standards will be proposed for adoption in 2018 with an effective date of January 1, 2020. Previously open Docket 2016-BSTD-06 for the 2019 Time Dependent Valuation (TDV) of Energy, and Docket 2017-BSTD-01 for pre-rulemaking comments on proposed 2019 Standards measures, are closed. Separate Rulemaking Dockets have been opened for the 2019 Standards (2017-BSTD-02) and the 2019 CALGreen (2017-BSTD-03) updates.</p> <p>The California Energy Commission staff will conduct workshops to present potential</p>
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PUBLIC COMMENT PERIOD AND HEARINGS	<p>revisions to the Standards and obtain public suggestions and comment. The scope, time, and date of these workshops will be publicly noticed. Go to the public participation page for more information.</p> <p>Workshops, Notices and Documents - 2019 Building Energy Efficiency Standards Rulemaking Dockets #17-BSTD-02 and #17-BSTD-03 2018 Workshops and Meetings</p> <p>Feb 5 and 6, 2018 Lead Commissioner Hearing on the Proposed 2019 Energy Code Update and Proposed 2019 CALGreen Code update For more information: http://www.energy.ca.gov/title24/2019standards/rulemaking/documents/</p>
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Proposals Due for 2021 Editions of Uniform Plumbing Code (UPC ®) and Uniform Mechanical Code (UMC ®)	
DEADLINE	March 16, 2018
INFORMATION	<p>The International Association of Plumbing and Mechanical Officials (IAPMO®) Board of Directors has announced a significantly earlier timeline for the development of the 2021 editions of the Uniform Plumbing Code (UPC ®) and Uniform Mechanical Code (UMC ®) than previously employed . Whereas past practice was for IAPMO to publish the codes early in the edition year, the 2021 UPC and 2021 UMC will be available in the first quarter of 2020.</p> <p>The IAPMO consensus development process is accredited by the American National Standards Institute (ANSI), gathering the largest assembly of plumbing and mechanical experts in the world at its annual education and business conference and technical committee meetings, and enabling anyone — members and non-members alike — to have a voice on new proposals to the code. The 2021 editions of the UPC and UMC will mark the seventh time these codes have been developed under this ANSI-accredited process.</p> <p>Under the new timeline, the 2021 development process will begin with the Call for Proposals on Oct. 2, 2017, with a closing deadline of March 16, 2018. The entire 2021 code cycle timeline, as well as background on IAPMO's ANSI-accredited consensus development process, can be found at http://codes.iapmo.org/.</p> <p>IAPMO was granted Audited Designator Status by ANSI in September 2011, enabling the 91-year-old code development body to self-designate the UPC and UMC as American National Standards (ANS) and forgo approval by the ANSI Board of Standards Review. The 2015 and 2018 editions of each code were designated by IAPMO as ANS in this manner.</p>

INFORMATION	<p>ANSI accreditation signifies that the procedures used by standards setting organizations such as IAPMO meet the Institute's Essential Requirements for openness, balance, consensus, and due process. This process brings together volunteers representing a variety of viewpoints and interests to achieve consensus on plumbing and mechanical practices. The UPC and UMC are the only plumbing and mechanical codes of practice to hold the designation of American National Standards.</p> <p>IAPMO urges its members and other interested parties to get involved in the code development process to ensure effectiveness in preserving the public health, safety, and welfare through strict governance of the Uniform Codes . Installers, plumbing and mechanical officials, the construction industry, engineers, and manufacturers all benefit from a cooperative effort in developing codes.</p> <p>For more information, direct your browser to IAPMO's website, www.iapmo.org.</p>
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ASHRAE Certifications

The Benefits of an ASHRAE Certification

SHINE IN A RISING FIELD

Certification validates critical job knowledge, skills and abilities in a given practice area.

GAIN A COMPETITIVE EDGE

ASHRAE certifications are recognized by over 30 national, state and municipal entities.

DISTINGUISH YOURSELF

Use the ASHRAE Certified logo and designation—e.g. Curtis Smith, BEAP, BEMP—in email signatures, professional networking and business cards to enhance your reputation.

LET ASHRAE PROMOTE YOUR ACHIEVEMENT

Certificants and their employers are listed on the website and in *ASHRAE Insights*.



5 Easy Steps to Earn and Maintain an ASHRAE Certification

1. Read the Candidate Guidebook

Visit www.ashrae.org/certification and download the guidebook for the program in which you are interested.

2. Complete the Application

Complete the online application at www.ashrae.org/certification. Membership in ASHRAE is not a requirement for certification.

3. Schedule an Examination

BCxP, BEAP, BEMP, HBDP, HFDP and OPMP examinations are offered at over 300 conveniently located computer-based testing centers worldwide. Candidates may schedule an examination appointment online or by telephone.

4. Review Available Resources

The *Candidate Guidebook* for a program identifies available resources, including practice exams, that may help candidates gain an understanding of the body of knowledge that the examination tests. Purchase of books or course registrations is not a prerequisite to taking any ASHRAE certification examination.

5. Renew the Certification

Each certification is renewable every three years. To retain certification, each certification holder must earn 45 Professional Development Hours (PDHs) during the three year period following initial certification or the last renewal.

OPMP requires 50 PDHs

Schedule an exam at one of over **300 testing centers** worldwide
TODAY!

To learn more or apply, please go to
www.ashrae.org/certification

ASHRAE Certification

More than 2,500 professionals certified in six key built-environment fields.

Are You Ready to Join Them?



Validation. Pride. Recognition.

"Because of the high level of expertise, professionalism and ethics demonstrated by ASHRAE, achieving certification under their established requirements implies one of the highest levels of competence and knowledge available in the industry."

Jeffrey G. Ross-Bain, BEMP, Ross-Bain Green Building, LLC



ASHRAE, the standard setter for sustainable building performance and system design and operation, validates through certification the critical knowledge, skills and abilities of professionals in six key, built-environment fields.

Recognized by over 30 national, state and local government bodies – and with over 2,500 certifications earned – ASHRAE certifications increasingly have become the must-have credential for built-environment professionals.

Building Energy Assessment Professional (BEAP)



The growing emphasis on energy consumption reduction and cost savings has highlighted the need for credible specialists who assess energy use in buildings. The BEAP certification validates competency to audit, assess and analyze residential, commercial and industrial building energy use and develop and implement recommendations.

The BEAP certification is integral to ASHRAE's Building Energy Quotient (BuildingEQ) program, as is its BEMP certification. Together, the programs provide a valuable toolkit when it comes to the evaluation and reduction of building energy use. Two separate Workbooks, As Designed and In Operation, are part of the BuildingEQ program. Submitting both of these Workbooks can earn an As Designed and In Operation building rating. Only those certified as BEAPs, or Professional Engineers licensed in the jurisdiction where a BuildingEQ project is located, may submit the In Operation Workbook. Additionally, only BEAPs (and BEMPs whose certification relates to the As Designed Workbook) may display the BuildingEQ Certified Provider logo with descriptions of their services.

Building Energy Modeling Professional (BEMP)



The BEMP certification validates competency to evaluate, select, implement, calibrate and interpret the results of energy modeling software when applied to new and existing building and systems energy performance.

The BEMP certification complements ASHRAE's Building Energy Quotient (BuildingEQ) program by helping to ensure that only qualified practitioners can submit As Designed Workbooks to receive building ratings from ASHRAE. Only those certified as BEMPs, and Professional Engineers licensed in the jurisdiction where a BuildingEQ project is located, may submit the As Designed Workbooks to ASHRAE. Like BEAPs who may submit the In Operation Workbooks, BEMPs may display the BuildingEQ Certified Provider logo with descriptions of their services.

Building Commissioning Professional (BCxP)



The BCxP certification validates competency to lead, plan, coordinate and manage a commissioning team to implement commissioning processes in new and existing buildings.

Many building owners look for ways to lower energy bills, reduce change orders during construction, avoid premature equipment replacement costs, and create safer and healthier buildings. Building commissioning measures and tunes up performance of existing buildings and ensures that new buildings begin their lifecycle at optimal productivity.

High-Performance Building Design Professional (HBDP)



The HBDP certification, an ANSI accredited certification program, validates competency to design and integrate sustainable HVAC&R systems into high performing buildings.

Today's building design market requires use of ground-breaking technologies in new and existing structures to meet the need of building owners.

Healthcare Facility Design Professional (HFDP)



The HFDP certification validates competency to incorporate standards, guidelines and regulatory codes as well as unique healthcare facility requirements and design principles in HVAC system design.

Growing numbers of aging medical facilities, advances in technology, shifting environmental requirements and an increasingly older population have created a critical need for expansion and renovation of healthcare facilities.

Operations & Performance Management Professional (OPMP)



The OPMP certification validates competency to manage facility operations and maintenance to achieve building performance goals, including those related to indoor environmental quality, health and safety.

Today's complex buildings can fade from green to gray when building operators don't realize the full potential of the systems they manage. Staying current with the latest facility operation strategies and technologies can reduce energy use in buildings by 10% to 40%.

Value of Earning Your ASHRAE Certification

In a recent "Value of Certification" survey, this is what ASHRAE-certified professionals had to say:

- ASHRAE Certification validates my level of specialized knowledge and ability (89%).
- ASHRAE Certification helps differentiate me from my peers (82%).
- In my field, ASHRAE Certification has provided me with greater professional recognition (73%).

Treasurer's Report January 2018

	Expenses	Income	Balance
	\$ 4,382.94	\$ 3,448.87	\$ (934.07)
January Technical Meeting	\$ 2,213.87	\$ 2,448.87	\$ 235.00
Biltmore Hotel	\$ 2,213.87		
Ticket Sales		\$ 2,448.87	
** \$150 IN OUTSTANDING REGISTRATION FEES			
Winter Conference	\$ 2,169.07	\$ 1,000.00	\$ (1,169.07)
Secretary Registration	\$ -	\$ -	
Secretary Airfare	\$ 287.00	\$ -	
Secretary Hotel	\$ 817.12	\$ -	
Elise LeaDRS Funds	\$ -	\$ 1,000.00	
Treasurer Registration	\$ -	\$ -	
Treasurer Airfare	\$ 241.97	\$ -	
Treasurer Hotel	\$ 822.98	\$ -	
** BUDGET OF \$3200 FOR WINTER CONFERENCE			

SJ ASHRAE – Meeting Minutes

**San Jose ASHRAE Meeting Minutes****Meeting Number #6**

Meeting Date: 1/10/18
Meeting Time: 4:30 PM
Meeting Location: Biltmore Hotel
Next Meeting Date: 2/21/18
Next Meeting Time: 4:30 PM
Next Meeting Location: Biltmore Hotel

Distribution:

<i>Name</i>	<i>Present Y/N</i>
<i>Lauren Wilson</i>	<i>N</i>
<i>Bill Schoening</i>	<i>Y</i>
<i>Richard Lam</i>	<i>Y</i>
<i>Elise Kiland</i>	<i>Y</i>
<i>Cinthya Mendez</i>	<i>Y</i>
<i>Manuel Uribe</i>	<i>Y</i>
<i>Cherie Nixon</i>	<i>Y</i>
<i>John Wagner</i>	<i>N</i>
<i>Rob Potter</i>	<i>Y</i>
<i>Art Quintero</i>	<i>N</i>
<i>Sargon Ishaya</i>	<i>N</i>
<i>David Hodson</i>	<i>Y</i>
<i>Gabriel Perez</i>	<i>Y</i>
<i>Lorenzo Rios Jr.</i>	<i>N</i>
<i>Sarah Dahel</i>	<i>Y</i>
<i>Vanessa Lasseson</i>	<i>Y</i>
<i>Joe Chin</i>	<i>Y</i>

PREVIOUS BUSINESS:

9.1	Lauren to talk to discuss PAOE with each committee chair(s).	Pres	-
9.5	Task Santa Clara alumni to help get student branch started	LW	-
9.20	Lauren to look for other storage options as opposed to dropbox	LW	-
10.1	BOG to vote on preferred speakers from list provided by Bill	BOG	10/31/17
10.7	Richard to contact Marites about endowment fund and potential options	RL	

SJ ASHRAE – Meeting Minutes

10.14	Lauren to send 2016-2017 Audit Report to audit committee	LW	
11.12	Elise will put a new GGAC tab on the website	GGAC/ Webmaster	
11.15	Student scholarships are available. Everyone to notify students and encourage participation	BOG Committee Chairs	
12.7	Possible Webcast for April meeting. Potential date of 4/7/18	CTTC	
12.13	Vanessa to order next batch of member name tags	VL	

NEW BUSINESS:

1.1	Chapter opportunity fund to send SJSU student to 2018 Winter conference to be repurposed for 2018 Annual Conference	BOG	
1.2	Chapter opportunity fund to send Stanford student to 2018 Winter conference to be repurposed for 2018 Annual Conference	BOG	
1.3	Discussion to remove Dropbox photos from 2 years and later to ASHRAE hard drive – still open	BOG	
1.4	Joe Chin has agree to be on 2017-2018 Audit Committee	BOG/JC	
1.5	December meeting minutes approved 4-0-2	BOG	
1.6	RL to confirm COF given to GG for AT&T park student science fair	RL	
1.7	March speaker spot still open. RL to confirm with BS	RL	
1.8	VL to email city/county sustainability department	VL	
1.9	EK to procure square for credit card purchases	EK	
1.10	EK and RP to visit Cal Poly student chapter	EK/RP	
1.11	EK to gather mentor list	EK	
1.12	Gabe to write proposal for new members to receive first meeting meal for free	GP	
1.13	MP to present preliminary presentation to BOG for MP night in Feb	MP	

