



Orange Spiel



Juicy News from ASHRAE's Orange Empire Chapter

MEETING INFORMATION

FRIDAY, MAY 31, 2019

THE PHOENIX CLUB

1340 S. Sanderson Avenue
Anaheim, CA 92806

[CLICK HERE FOR DIRECTIONS](#)

Event Time 6:30 – 9:00 p.m.

**PLEASE E-MAIL (PREFERRED),
OR CALL WITH YOUR
RESERVATIONS TO:**

Ryan Sibley c/o TK1SC
rsibley@tk1sc.com
Direct: 949.751.5923
Office: 949.751.5800

PRICE SCHEDULE

Member	\$45
Non-Member	\$50
Student	\$10
Member Day of Event	\$50
Non-Member Day of Event	\$55
Table Tops	\$150

[CLICK HERE TO REGISTER ONLINE](#)

**IF CANCELLATION IS NOT
RECEIVED YOU WILL BE BILLED
FOR THE SESSION**

NO TECHNICAL SESSION

DINNER PROGRAM

Officer and Board Installation

Orange Spiel Editor

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c/o Southern California Edison
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Irwindale, CA 91702
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MAY MEETING NOTICE

FRIDAY, MAY 31, 2019

OFFICER AND BOARD INSTALLATION

Please join us again for the always exciting and important Orange Empire ASHRAE Chapter Dinner Meeting. We have important work to accomplish and will enjoy a great dinner, and some excellent company! The dinner will take place at our normal meeting location, The Phoenix Club. Please review the meal options when registering for you and your guests.

Be sure to invite a spouse, friend, or client as this will be a relaxing, enjoyable, and affordable evening.

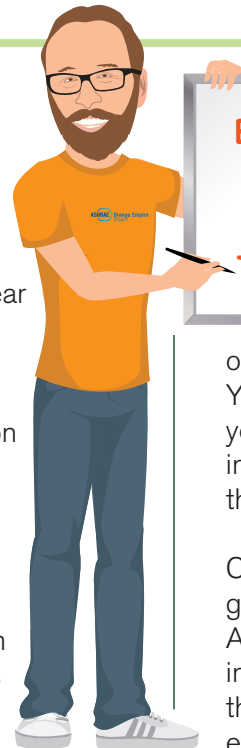
GREG'S BLOG

Hello ASHRAE Orange Empire, amazing how time flies! I'm saddened to say this is my last President's message. This was a great year for the Chapter and I'm very proud of what we achieved.

I want to thank all of our members for their participation this year. Additionally, I would like to thank the board of governors, chapter officers and committee chairs for all their hard work this season. Without the commitment from these volunteers, none of this could've happened.

When I spoke at the Installation dinner back in May of 2018, and our 50th year anniversary, I had some key things I wanted to focus on this year. Three pivotal areas of focus were YEA (Young Engineers in ASHRAE), STEM (Science, Technology, Engineering and Math) and WIA (Women in ASHRAE).

First, I want to thank Jack Walsh and Kevin Smith for taking on the YEA



chair/co-chair this year. They brought a breath of fresh air to the role and

organized some of the most successful YEA events the Chapter has had in years. We saw a significant increase in membership with our YEA members this year.

Secondly, I'd like to thank Ben Chesser, 2018/19 VP/CTTC, for getting the Chapter involved in the ACE program for Valley High School in Santa Ana. Because of his efforts the chapter was able to receive its first ever K-12/STEM Leadership Award.

Lastly, I'd like to thank Mary Johnson for filling our first time Women in ASHRAE chair for the Chapter. Because of her efforts with other local chapters, we were able to have a successful joint WIA event back in March.

With that said, I'd like to see our Chapter continue to grow as I move on (See **GREG'S BLOG** page 5)

ASHRAE Certification

Already more than 2,750 certifications earned in seven key built-environment fields.

Advance Your Career Today



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, CHD, 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

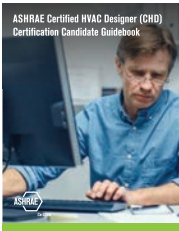
Each certification is renewable every three years. To retain certification, each certification holder must earn 45* Professional Development Hours (PDHs) during the three year period following initial certification or the last renewal.

*BCxP and BEAP require 50 PDHs.

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 seven key, built-environment fields.

Recognized by over 35 national, state and local government bodies – and with over 2,750 certifications earned – ASHRAE certifications increasingly have become the must-have credential for built-environment professionals.

NEW! Certified HVAC Designer (CHD)



Recognizing an industry need and demand for qualified HVAC designers, ASHRAE developed the Certified HVAC Designer (CHD) certification.

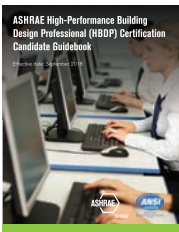
The CHD certification validates competency of an HVAC Designer, working under the responsible charge of an engineer, to *design HVAC systems to meet building/project requirements, including load calculations, equipment selection and sizing, mechanical equipment room design, duct and piping design and layout for the development of HVAC plans for permit and construction.*

In an “Industry Need” survey, ASHRAE Member respondents agreed:

- “The level of competence among HVAC Designers varies greatly” (95%)
- “HVAC Designer certification is a worthwhile professional development goal” (82%)
- “It is a tool to identify competent new hire prospects” (74%)



High-Performance Building Design Professional (HBDP)



The HBDP certification 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.



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 In Operation BuildingEQ Workbooks, BEMPs may display the BuildingEQ Certified Provider logo with descriptions of their services.

Healthcare Facility Design Professional (HFDP)



The HFDP certification validates competency to *incorporate standards, guidelines 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.

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

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%).

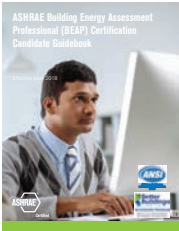
Building Commissioning Professional (BCxP)



The BCxP certification, recognized by the U.S. Department of Energy (DOE) as meeting the Better Buildings Workforce Guidelines (BBWG), 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.

Building Energy Assessment Professional (BEAP)



The BEAP certification, recognized by the U.S. Department of Energy (DOE) as meeting the Better Buildings Workforce Guidelines (BBWG), validates competency to *assess commercial building systems and site conditions, analyze and evaluate equipment and energy usage, and recommend strategies to optimize building resource utilization.*

The BEAP certification is integral to ASHRAE’s Building Energy Quotient (BuildingEQ) program by helping to ensure that only qualified practitioners can submit In Operation Workbooks to receive building ratings from ASHRAE. 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) may display the BuildingEQ Certified Provider logo with descriptions of their services.

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%.

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 35 national, state and municipal entities.

STAND OUT

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.

ASHRAE WILL SING YOUR SUCCESS

Certificants and their employers are listed on the website

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

CHAPTER OFFICERS

President Greg Glover
 President-Elect David Lawson
 Vice President Ben Chesser
 Treasurer Brian Sybesma
 Secretary Mary Johnson

BOARD OF GOVERNORS

Jeff Conrad Craig F. Hofferber
 Eric Decker Stephen J. Rawski, P.E.
 Ken Golovko Matthew Waller, P.E.

CRC DELEGATE

Greg Glover

CRC ALTERNATE

David Lawson

**ASHRAE
 ORANGE EMPIRE CHAPTER**

**2018-2019
 PARTIAL ROSTER**

**HAVE A GREAT
 SUMMER!**

COMMITTEES AND CHAIRPERSONS

Attendance TBD
 Electronic Communications Ryan Sibley
 Government Affairs Chris Farrington
 Golf Tournament Jeff Hanzel
 Historian Chris Mellen
 K-12 STEM Greg Glover
 Membership Promotion Jeff Hanzel
 Newsletter Editor Robert Hagstrom
 Programs TBD
 Refrigeration Jeff Conrad/ Ben Chesser
 Research Promotion John Sawyer
 Student Activities Eric Decker
 Table Top Displays TBD
 Technology Transfer Ben Chesser/David Lawson
 Webmaster Ryan Sibley
 Women in ASHRAE Mary Johnson
 YEA Jack Walsh/Kevin Smith



GREG'S BLOG

(continued from page 1)

to Board of Governors and pass the reins to David Lawson. He has a great support system with the incoming board, officers and committee chairs and I wish him the best of luck for the upcoming season.

May's meeting will be at the Phoenix Club on May 31st. There will be no dinner presentation. We will be gathering to install our new Officers and Board of Governors.

Feel free to bring your significant other, friend, etc. and please come out and join us for an evening of good food and great company. This is my last time signing off, stay comfortable... **Greg Glover** 🍊



ORANGE EMPIRE CHAPTER

WINTER/SPRING 2018/19 SCHEDULE

MEETING LOCATIONS:

THE PHOENIX CLUB

1340 S. Sanderson Avenue
Anaheim, CA 92806

Statements made in this publication are not the expressions of the Society or of the Orange Empire Chapter and may not be reproduced without special permission of the Orange Empire Chapter. The Orange Spiel is not responsible for the accuracy of the technical articles.

SEPTEMBER 25, 2018

Tech: (Condensed) Centrifugal Pump Series

Dinner: U.S. Department of Energy Pump Conservation Standards

Theme: Energy Night

Place: Phoenix Club, Anaheim

OCTOBER 23, 2018

Dinner: Seismic Code Updates for Bracing of Distribution Systems (Duct, Mech Pipe, and Plumbing Pipe)

Theme: Joint Meeting with ASPE

Place: Phoenix Club, Anaheim

NOVEMBER 13, 2018

Tech: Measurements and Verification, Part II: The Variable Air Volume Box!

Dinner: Future Thinking about the Net Zero Hospital

Theme: Research Night

Place: Phoenix Club, Anaheim

DECEMBER 12, 2018

Dinner: Building Our New Energy Future

Theme: Joint Meeting with So. California Chapter – YEA Night

Place: So Cal Gas Energy Resource Center

JANUARY 15, 2019

Dinner: Current and Future Chiller Refrigerants

Theme: Joint Meeting with ASHRAE Tri-County Chapter – Refrigeration Night

Place: Phoenix Club, Anaheim

FEBRUARY 26, 2019

Tech: Expansion Tank Sizing

Dinner: Hydronic Piping with PEX

Theme: Membership Promotion Night

Place: Phoenix Club, Anaheim

MARCH 19, 2019

Dinner: Designing Buildings and Systems for Occupant Comfort

Theme: Joint Meeting with San Diego Chapter

Place: El Adobe, San Juan Capistrano

APRIL 23, 2019

Tech: Designing for Design Build, Reducing Design Time and Contractor Costs

Dinner: Soft Skills and Keys to Success...from One Person's Perspective to Another

Theme: Student Night

Place: Phoenix Club, Anaheim

FRIDAY, MAY 31, 2019

Dinner: 2019-2020 Installation Night Dinner

Theme: Officer and Board Installation

Place: Phoenix Club, Anaheim



Orange Spiel



www.orangeempirearise.weebly.com

MEETING SUMMARY

**FRIDAY,
MAY 31, 2019**

NO TECHNICAL SESSION

DINNER PROGRAM

*Officer and Board
Installation*

Orange Empire ASHRAE
2312 Park Avenue, #407
Tustin, CA 92782