ASHRAE’S CORE VALUES

As we get set to start our 2017 Tri-County ASHRAE season, let’s take a moment to review ASHRAE’s core values…

Excellence
ASHRAE education, technical information and all other activities and products will always reflect the best practices that lead our industry. We strive for continuous improvement and innovation in all our practices and products.

Commitment
ASHRAE and its members are passionate about serving the built environment, creating value, and recognizing the accomplishments of others.

Integrity
ASHRAE is committed to the highest ethical standards. We work transparently, observing essential requirements for due process and peer reviews to assure our members and stakeholders that we do the right things the right way.

Collaboration
ASHRAE seeks and embraces collaborative efforts with organizations, agencies, and individuals sharing our commitment to sustainable built environments.

Volunteerism
Members lead ASHRAE at every level, serving ASHRAE and helping ASHRAE serve society.
Looking for a unique marketing opportunity? We’ve got a deal for you!
For only $50 (that’s right, only $50!) you and many more can see your business card appear on THIS PAGE of THIS PUBLICATION for the 2017 Tri-County ASHRAE season!

Now that you’re interested, send a *.jpg version of your business card to ashraetricounty@gmail.com while sending a check for $50 made out to Tri-County ASHRAE.
We will let you know where to send the check when you send your business card file to us at the above e-mail address.
ASHRAE Leaders!

Our Tri-County ASHRAE leaders for the 2017 season are the following:

- Chris Robles / DMG / President
- Ian Villazana / ACCO Engineered Systems / President Elect
- Kakeru Fujikawa / Goss Engineering / Secretary
- Felix Monterroso / Willdan Energy Solutions / Treasurer
- John Garcia / RF MacDonald Company / Board Member
- Jaime Lopez / The Gas Company / Board Member
- Shaw Gentry, PE, CEM / Goss Engineering / Board Member
"Green Building Trends, Title 24 Progression to NetZero and Lessons Learned in Design Practice"

The ASHRAE Tri-County Chapter cordially invites you to attend our next meeting’s “Green Building Trends, Title 24 Progression to NetZero and Lessons Learned in Design Practice” hosted at Claim Jumper Restaurant in Corona, CA.

Andrew (Andy) Reilman is a Principal Engineer with Integral Group’s Los Angeles Office, and has more than 15 years of sustainable consulting engineering experience. His expertise is in sustainable architecture and green buildings that include building designs for passive, low energy systems such as natural and mixed-mode ventilation, displacement ventilation, radiant heating and cooling, and building integrated renewable energy systems.

Some of Andy’s notable high performance projects include the UCLA Pauley Pavilion (LEED Gold), UC Berkeley Student Community Center (LEED Gold), Long Beach Airport Terminals (LEED Certified Level), Soka University Performing Arts Center (LEED Gold), LAX Bradley International Terminal (LEED Silver) and Jefferson Creative Offices Re-Use (LEED CS).

Andy, who has a BSME from University of California, Davis, is a licensed professional engineer. Additionally, he is a certified ASHRAE High Performance Building Design Professional. Andy is a previous ASHRAE SoCal Chapter President and is active in USGBC-LA.
Dave Abuza is a Senior Design Engineer at ACCO Engineered Systems. He has six years of experience in commercial HVAC design and construction, and has been the Mechanical Engineer of Record for over three dozen projects. Dave’s experience with DX systems also includes work at Trane doing new product design for residential split systems. Dave graduated with honors from Cal Poly SLO in 2011 with an MS in Mechanical Engineering and a BS in Mechanical Engineering with a concentration in HVAC&R. Dave is a registered professional engineer in California, a LEED Accredited Professional, and has been an ASHRAE member since 2009.

DX Piping Design for Constructability discussed the physics of refrigerant flow and how that influences the sizing and routing of pipe for conventional split and mini-split air conditioners. The seminar emphasized constructability, with lessons learned on how designs influence efficiency, cost-effectiveness, and reliability.
In January, the Tri-County Chapter donated money to the Cal Poly Student Chapter so that they may purchase the ASHRAE Standards for their ASHRAE Student Design Competition. The picture below shows our current Tri-County President, Chris Robles and the Representative for the Cal Poly Student Chapter.

We wish the Cal Poly Student Chapter, good luck on their ASHRAE Student Design Competition!!
TTG Engineers is looking for a full-time energetic, organized, and driven Mechanical Engineer in Ontario, California.

TTG Engineers is a leading full-service design engineering firm offering exceptional Structural, Mechanical, Electrical, Plumbing, Fire Protection and Civil design engineering services.

Responsibilities include:

- Analysis, design skills, presenting technical information, equipment, quality and focus.
- Proficient in latest Energy Pro software and other HVAC system calculation software.
- Proficient in Auto CAD & REVIT 2012.
- Prepare Plan Check/OSHPD related documentation.
- Experience with Client Communication required.
- Generate project specific spec’s & details
- Ability to work with minimal supervision
- Ability to take lead in multi-discipline coordination.
- Candidate will have excellent oral and written communication skills.
- Site Investigation and Inspection experience preferred.

Requirements:

- 10+ years experience in HVAC systems design with institutional, commercial, educational, and healthcare projects.
- Bachelor’s Degree in Mechanical Engineering
- California P.E. Professional Registration required
- Knowledge of LEED documentation

If you are interested forward your resume to tkuehl@ttgcorp.com, Attention: Tricia Kuehl.
TTG Engineers, 901 Via Piemonte, Suite 400, Ontario, CA 91764

Willdan Energy Solutions (WES) is a national leader in energy efficiency. WES’s expertise covers building system retrofits, commissioning and retro-commissioning, demonstrations of new technologies, energy efficiency education/outreach, sustainability strategy and local government partnerships.

WES’s business is growing and we currently have an opening for a senior level energy efficiency Project Development Engineer in our Anaheim, CA office. The candidate must be able to work in a collaborative environment with our engineering staff, program managers and sales team to develop energy savings solutions and implement efficiency projects for our customers. The candidate must be able to identify efficiency and operational solutions for customers, develop proposals, sell projects, and oversee design and construction. This is a technical leadership role that involves directing entry level engineers, with oversight by senior level engineers.

Requirements:

- Knowledge of mechanical equipment such as motors, pumps, and variable speed drives
- Knowledge of HVAC equipment and systems, such as chillers, cooling towers, air handlers, chilled and hot water loops, and boilers
- Knowledge of energy efficient lighting technology and lighting controls, such as LED, occupancy sensors, day-lighting, etc.
- BS in Mechanical Engineering or related field
- Professional Engineer’s license preferred
- Min of 10 years’ experience in energy efficiency, facility design/build, HVAC controls and/or performance contracting industry
- Computer proficiency, experience with Windows-based office applications required. Some travel required

If you are interested forward your resume to samoni@willdan.com Attention: Shafi Amoni.
Willdan Energy Solutions, 2401 E Katella Ave #300, Anaheim, CA 92806
2017 PARTIAL ROSTER

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Air Conditioning Specialties Co. — 626.840.9001

Newsletter Editor
Rich Morrow
Goss Engineering Inc. — 909.725.2737

Home Page Webmaster / Technology
Rich Morrow
Goss Engineering Inc. — 909.725.2737

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American Society of Heating, Refrigerating, and Air Conditioning Engineers

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.