As we get set to kick off our 2015-2016 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 2015-2016 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.

FELIX MONTERROSO
TCSH Editor
“Brewery Tour — Wicks Brewing Co.”

Located in Riverside, CA just off the 91 Freeway, Wicks Brewing is one of the largest brewpubs in the Inland Empire with 16 taps, food, live entertainment and one of the only Brew-On-Premise (BOP) systems in California! Wicks Brewing Co was founded in 2013 with the purpose of bringing great craft beer and food to the Inland Empire in an environment that the whole family could enjoy. Its brewpub houses a 7 bbl copper brew house, which is visible from the open floor taproom and restaurant. Visitors will often see brewers at work creating the next batch of craft beer! The taproom also showcases a 6 station Brew-On-Premise (BOP) system which allows guests the opportunity to brew their own beer under the personal guidance of one of the brewers. We invite all ASHRAE Tri-County members and friends to come and enjoy this fun event!

Tour will include:

- Beer Geek Tour Guide
- Behind the Scenes Production Tour
- Glance at Refrigeration Systems
- Craft Beer Samples
- Dinner

<table>
<thead>
<tr>
<th>When</th>
<th>Next Week!! Tuesday November 17, 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Where</td>
<td>Wicks Brewing Co.</td>
</tr>
<tr>
<td>Address</td>
<td>11620 Sterling Avenue, Riverside, CA 92603</td>
</tr>
<tr>
<td>Time</td>
<td>5:00 p.m. to 6:00 p.m. (Social Hour)</td>
</tr>
<tr>
<td></td>
<td>6:00 p.m. (Tour Starts!!)</td>
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<tr>
<td></td>
<td>7:00 p.m. (Dinner and Drinks)</td>
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<tr>
<td>Cost</td>
<td>$40 (cash, check or credit card)</td>
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</tbody>
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“Adiabatic HVAC System Energy Savings”

At our October meeting, Aaron Deutsch, owner of Drymaxx Air Solutions, provided a fundamental overview of adiabatic cooling methods. He talked about the water use impacts of both evaporative and direct-expansion cooling systems. He also provided our Tri-County members with a brief overview of the psychrometrics to help understand the basics behind adiabatic cooling techniques.

The session reviewed the adiabatic process and how it can reduce energy costs. Aaron also talked about the different types of adiabatic equipment and explained the refrigeration cycle and how these cooling techniques can potentially reduce not only water consumption but electricity usage.

The meeting was finalized with an open forum for members to ask questions, and as expected, the discussion turned out to be very informative and beneficial for our attendees.
Last month, Tri-County welcomed guests speaker Aaron Deutsch who presented on “Adiabatic HVAC System Energy Savings”. The presentation was informative and of great importance for the energy efficient oriented ASHRAE Tri-County members. It was another great night of learning and networking!

Photos courtesy of Felix Monterroso.
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.
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Everyone in Tri-County is responsible for building a better tomorrow!

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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.