



THE SQUIRREL CAGE —ALAMO ASHRAE

ASHRAE - ALAMO CHAPTER #65

SAN ANTONIO, TX

ISSUE: FEBRUARY 2016 VOLUME LV NO. 06

ALAMO ASHRAE PRESIDENT'S MESSAGE

February 2016

Alamo ASHRAE,

One of my wisest competitor peers once told me that his favorite holiday was Valentine's day. Paul Naizer has always been a role model for the young gun sales folks. If you haven't started thinking about a gift for your significant other, you need to get it into gear ASAP.

I've heard from multiple sources that we were well represented at the ASHRAE show in Florida last week. That is outstanding. Thanks for representing the Alamo City/Military City USA.

We have some exciting local events planned for the next few months. Look for an upcoming announcement about our February and March monthly meetings. On Thursday April 14th, we will host our annual golf tournament at *CANYON SPRINGS golf course*. We're excited about the new location and hope we are able to raise funds for ASHRAE research in fine fashion. Each of these events presents an opportunity to mingle with colleagues, maybe learn or teach something new, and support our local chapter.

Please join us at the February 16th monthly meeting, to hear from an ASHRAE distinguished lecturer about distributed VAV airside technologies and best practices in today's HVAC market! This is good subject matter for our local industry. NOTE the location: We will be meeting at Oak Hills Country Club. For this February meeting, REC Industries has graciously volunteered to sponsor this month's meeting. There is an available sponsorship opportunity for any interested party at each of our meetings. You'll have a captive audience at your disposal. Take advantage of this opportunity and help support your local ASHRAE chapter.

Society level news? ASHRAE offers some great training courses. For more info, please follow this link: www.ashrae.org/hvactraining.

If you have any suggestions on what you would like the local or regional ASHRAE Board of Governors (BOG) to accomplish this year, please let us know.

Respectfully,

Aaron Caldwell, LEED AP



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ANNOUNCEMENT — ALAMO ASHRAE — FEBRUARY CHAPTER MEETING

Topic: Gasketed Plate & Frame Heat Exchangers and ASHRAE 90.1 & ANSI/AHRI Standard 400

Date/ Time: March 15, 2016

4:30 PM – CASH BAR

5:45 PM – DINNER SERVED

6:00 to 7:00 PM – PRESENTATION

Location: The County Line BBQ
10101 IH-10 West,
San Antonio, TX

Speaker: Ms. Jessica Centurelli

Meeting Sponsor:



RSVP Online at www.alamoashrae.org
Or via email to Derek Brown @ Derek.Brown@carrier.utc.com

Presentation Summary:

The presentation will elaborate on the current rules of Gasketed Plate & Frame Heat Exchanger selection under ASHRAE 90.1 and ANSI/AHRI Standard 400. We'll start by describing the basic design principles of a Gasketed Plate & Frame Heat Exchanger and their selection as ASHRAE 90.1 Waterside Economizer in an HVAC application. We'll then discuss the AHRI Liquid to Liquid Certification Program, which Xylem Corporation is a member of, and how it applies to selecting Gasketed Plate & Frame Heat Exchangers. The AHRI "Certify-All" provision will be defined and reviewed with a focus on the importance of compliance. Finally, examples will be provided on how to specify the Gasketed Plate & Frame Heat Exchanger in consideration of AHRI in a specification.

About the speaker:

Ms. Jessica Centurelli is an Assistant Product Manager and Training Coordinator at Xylem, Inc. in Buffalo, NY. Ms. Centurelli has a degree in Chemical Engineering from SUNY Buffalo. She has worked at Xylem for 9 years with experience in multiple heat exchanger types, including Shell & Tube and Gasketed Plate & Frame. As training coordinator, Ms. Centurelli is responsible for planning, coordinating, and presenting factory training classes for Xylem Representatives from across the country. She also travels throughout the United States presenting to ASHRAE chapters and other organizations.



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Meeting Topic: Selecting VAV Products for Acceptable Environments

Location: Oak Hills Country Club

Speaker: Dan Int-Hout

Date: February 16 2016

Meeting Attendance:

Aaron Caldwell, Aaron Heaps, Andy Luke, Baron Phillips, Bill Arnold, Bill Crook, Bill Rodriguez, Brad Gilbert , Butch Tarrillion, Chris Delgado, Chris Garcia, Chuck Cypert, Cliff Tilbury, Cowboy McCool, Dan Marsh, Dan Seltzer, David Bourassa, Dennis Dalsing, Derek Brown, Dick Grant, Eric Johnson, Gentry Colvin, Ian Vohwinkle, Jim Rodriguez, John Freund, Michael Kyler, Mike Lawlor, Paul Deltz, Randy Hunter, Richard McBride, Rick Bright, Rick Clardy, Robert De La Cruz, Steve Huck, Steve Richey, Tony Garcia, Walter Gleye

BOARD OF GOVERNORS MEETING MINUTES



January 2016

ALAMO ASHRAE

August Board of Governors Meeting Agenda

February 23, 2016

Presiding Officer: Aaron Caldwell

CALL TO ORDER

ROLL CALL

OFFICER & CHAIR REPORTS

PAOE review for each committee chair

Remaining year look ahead

Chapter Regional Conference (CRC) April 28-30, 2016 in Tyler, TX

Golf Tournament Update

ATT Refrigeration Tour & Rampage Hockey Night March 4th

Treasurer – Baron Phillips

Golf Tournament

Membership Promotion – Kalib Brignac

Year end membership push

Research Promotion – Dan Seltzer

Golf Tournament- help needed?

YEA – Jonathan Houston

March 8- York/JCI Chiller Test Facility Tour

CTTC – Brad Gilbert

March 15- County Line. Plate & Frame HX

April 19- OHCC. ASHRAE President David Underwood

May 17- OHCC. TBD

June 21- Ethics. TBD

BOARD OF GOVERNORS MEETING MINUTES



February 2016

Refrigeration – Rey Gutierrez

Rampage game and AT&T tour (March 4)

Government Activities – Charles Bustamante

Student Activities – Shannon Novak

Society scholarship application update. Let's get a due date set and start advertising soon.
Student Kickoff event recap from December
E-week?

Historian – Andrew Rodriguez

STEM Chair- Shannon Novak

Website Editor Chair – Madison

Sustainability Chair – Dan Marsh

Chapter Bylaw Changes- Aaron Caldwell





TREASURER'S FINANCIAL REPORT: FEBRUARY 2016

ASHRAE Alamo Chapter
 Balance Sheet
 Current as of

2/23/2016

ASSETS

CURRENT ASSETS	
Checking	\$ 14,303.45
Money Market	\$ 15,505.05
Total Accounts	\$ 29,808.50
Petty Cash	\$ 200.00
TOTAL ASSETS	\$ 30,008.50

CURRENT LIABILITIES	
CRC (Regional Conference) Host	\$
Committee Potential Contribution	\$ 15,500.00
Total Liabilities	\$ 15,500.00

EQUITY	\$ 14,508.50
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For More Information Please Contact:
 Baron Phillips
baron.phillips@irco.com





ASHRAE Learning Institute Options

[Click here for more information!](#)

**ASHRAE Learning Institute
2016 Spring Online Course Series**

2 WAYS TO REGISTER

Internet: www.ashrae.org/onlinecourses

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Note: You may register up to 24 hours prior to an online course. Courses are in US Eastern Time.

Take 3 or more courses and save 15% off registration!

<p>Combined Heat & Power: Creating Efficiency through Design & Operations Mon, March 28, 2016 – 1:00 pm to 4:00 pm EDT</p> <p>Commissioning Process & Standard 202 Wed, March 30, 2016 – 1:00 pm to 4:00 pm, EDT</p> <p>Advanced High-Performance Building Design Mon, March 23, 2016 – 1:00 pm to 4:00 pm EDT</p> <p>IT Equipment Design Evolution & Data Center Operation Optimization Wed, April 6, 2016 – 1:00 pm to 4:00 pm, EDT</p> <p>Complying with Standard 90.1-2013: HVAC/Mechanical Wed, April 13, 2016 – 1:00 pm to 4:00 pm, EDT</p> <p>Laboratory Design: The Basics and Beyond Mon, April 18, 2016 – 1:00 pm to 4:00 pm, EDT</p> <p>Standard 188-2015 – Successfully Managing the Risk of Legionellosis Mon, April 25, 2016 – 1:00 pm to 4:00 pm, EDT</p>	<p>Air-to-Air Energy Recovery Applications: Best Practices Wed, April 27, 2016 – 1:00 pm to 4:00 pm, EDT Instructor: Paul Pieper</p> <p>Fundamental Requirements of Standard 62.1-2013 Mon, May 2, 2016 – 1:00 pm to 4:00 pm, EDT Instructor: Hoy Bohanon</p> <p>Variable Refrigerant Flow System Design & Applications Mon, May 16, 2016 – 1:00 pm to 4:00 pm, EST Instructor: Dermot McMorro</p> <p style="color: red; font-size: small;">The following courses are comprised of two parts. Registrants must attend both parts in order to receive CEU/PDH credits.</p> <p>Exceeding Standard 90.1-2013 to Meet LEED® Requirements Part 1: Mon, April 11, 2016 – 1:00 pm to 4:00 pm, EDT Part 2: Wed, April 20, 2016 – 1:00 pm to 4:00 pm, EDT</p> <p>Operations & Maintenance of High-Performance Buildings Part 1: Tue, May 17, 2016 – 1:00 pm to 4:00 pm, EDT Part 2: Wed, May 18, 2016 – 1:00 pm to 4:00 pm, EDT</p>
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ASHRAE HVAC Design Training
2 Courses, 5 Days of Intense Instruction

Atlanta • Cleveland • Halifax • Hong Kong • Houston
Kuala Lumpur • Miami • Minneapolis • San Francisco • Vancouver

HVAC Design: Level I – Essentials - Registration is \$1,264 (\$1,009 ASHRAE Member)

Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is \$854 (\$699 ASHRAE Member)

HVAC Design: Level II – Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register.



Member Spotlight

Chapter Member Name: R.R. (Dick) Grant

Company, Position and brief job description: Currently the National Accounts Sales Manager for Specified Air Solutions.

How long have you been an ASHRAE Member? ASHRAE Member since 1971. I am closing in on 46 years in the industry, 45 years as a member of ASHRAE.

What was the experience or motivating factor that compelled you to join ASHRAE? Working for Trane on the development of the TRACE program. I needed ASHRAE for the knowledge base.

What value does ASHRAE bring to your career (past or present)? Knowledge, experience and many good friends.

What do you do in your spare time? Fun Facts? I spend my spare time with my family (wife of 49 years, 2 children, 6 grand-kids) and maintaining a large deer lease.

What is your favorite app or social media outlet? I do not spend much time on social media. I suppose it is a generation thing. Occasionally, I will get on Facebook or LinkedIn.

If Hollywood made a movie of your life; who would you like to see play the lead role as you? A good looking, bald headed, actor.

How has the San Antonio HVAC industry changed over your career? From low tech (before faxes & cell phones), slower pace to high tech, fast pace. It has only gotten better.

How has the SA HVAC industry remained the same over that same span? Good friends and they keep coming

Further Musings regarding ASHRAE in San Antonio? My favorite time in ALAMO ASHRAE was the year I was president and newsletter editor. Roger Ford was my contributor. Those of you that read his contributions to the newsletter, I am sure still remember them. Those that are too young, you missed some great humor. I used to sit in my office and read his material. Everyone in the office knew when I received his input, because I would be roaring with laughter. Attending the CRC meetings as a delegate and officer was a great experience also.

