



Central Oklahoma Chapter

ISSUE 4 - DECEMBER
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Sou'Wester

Monthly Newsletter of the Central Oklahoma Chapter



**Chapter President
Dusty Stoabs, P.E.**

Greetings ASHRAE Members, Associates, Affiliates, and Students! The 2013 ASHRAE Winter Conference is in Dallas January 26-30, 2013, at the Sheraton Dallas Hotel, the Dallas Convention Center, and other nearby venues. If you've never attended the ASHRAE Winter Conference, or it's been a long time since, then take advantage of the Winter Conference being located so close to home and register today!

The Winter Conference is a great place to network with other members, build your education, earn professional development hours (PDH's), and relax and mingle at social events and tours. The Winter Conference has an immense amount of educational offerings. There are over 200 technical sessions addressing energy conservation, facility management, large building design, standards, guidelines and codes, HVAC&R systems and equipment, HVAC&R fundamentals and applications,

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UPCOMING EVENTS

January Meeting

January 8th at 50 Penn Place in 3rd floor retail space

11:30am Lunch (\$20 at the door)

12:00pm Presentation by Julian Rimmer of Price will be presenting.

1:00pm Wrap-Up

AHR Expo

January 28-30 at Dallas Convention Center in Dallas, TX.

LAST MONTH'S PRESENTATION

See meeting minutes on page 3.

PRESIDENT'S MESSAGE

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refrigeration plus other highly specialized topics.

Technical Sessions are normally 1-1/2 hours long and are included with your registration. The Winter Conference also provides an opportunity to attend ASHRAE Learning Institute (ALI) Short Courses, full day Seminars, and Design Training sessions. Along with all the classroom instruction, the Conference offers technical tours including Baylor Medical Center, Cowboy Stadium, and the SMU Central Plant. Other non-technical tours include Dallas and Fort Worth Highlights, Dallas Arts District, and Historical Grapevine. And if all that wasn't enough, I encourage you to attend the Welcome Party, President's Luncheon, and Member's Night Out event. Note that ALI training, tours and social events come at additional cost above the registration fee. Register for the Winter Conference at www.ashrae.org/Dallas.

Registration fees are:

\$370, member (\$560, non-member), until Dec. 31

Fees beginning 2013: \$485, ASHRAE member (\$675, non-member)

First-time Conference attendee registration fees are:

\$345, ASHRAE member, (\$535, non-member), through Dec. 31

beginning 2013: \$460, ASHRAE member (\$650, non-member)

Speakers, student branch advisors and students fees are as follows:

Speakers: \$95

Student branch advisors: \$25

Students: \$25, ASHRAE student member (\$55, full-time student non-member)

I look forward to seeing you at the ASHRAE 2013 Winter Conference!

Dusty Stoabs, PE

ASHRAE Central Oklahoma Chapter President

DECEMBER YEA MEETING SUMMARY

For our second YEA Social event, we went to Dave & Buster's! If you aren't familiar with D&B, it's a place where you can enjoy food, drinks, and a butt-load of games. We only had three YEA members show up, but we had a ton of fun playing the various games available. We look forward to more YEA members coming to meetings in the future.

Daniel Brazeale

Chapter YEA Coordinator

DECEMBER MEETING MINUTES

COK Chapter Meeting; December 5, 2012; 50 Penn Place

President Dusty Stoabs called the meeting to order at 11:39PM.

David Royal delivered the invocation.

Tim Jones welcomed guests and new members to the chapter. He also announced those current members awarded membership advancement.

John Semtner announced that the chapter would be sponsoring a bus ride down to Dallas for those interested in attending the 2013 AHR Expo. Any questions regarding the trip should be directed to him. Bus will leave from FSB and the Lloyd Noble Center in Norman.

Daniel Brazeale introduced the guest speaker and topic.

Robert Sousa is the Regional Sales Manager for Air Monitor Corporation. His presentation was titled "Airflow Measurement Basics." Mr. Sousa described the different technologies available, and the advantages/disadvantages of each. The three technologies are vortex, thermal dispersion, and pitot tubes.

Daniel Brazeale announced the YEA event at Dave and Busters on December 12th at 6:30pm.

John Harrod, ASHRAE Region VIII Chair, announced that ASHRAE will be having technical sessions and seminars in Dallas concurrent to the AHR Expo. Regional dinner will be the Monday night of the show and is within walking distance of the convention center. Region VIII is the host for the conference.

No other new business.

President Dusty Stoabs adjourned the meeting at 12:50pm.



Robert Sousa,
Regional Sales Manager for Air Monitor Corporation

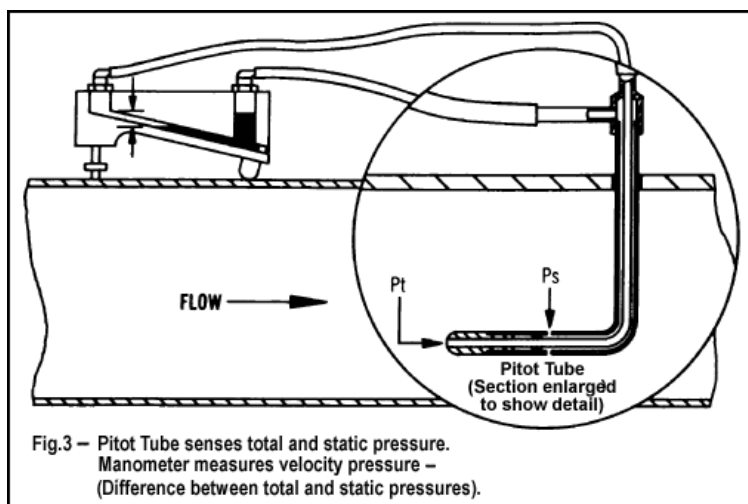


Fig.3 – Pitot Tube senses total and static pressure.
Manometer measures velocity pressure –
(Difference between total and static pressures).

AREA JOB OPPORTUNITIES

TME, Inc. is seeking a Mechanical Designer for our Oklahoma City, OK office location. The ideal candidate shall possess the following:

- Bachelor of Science degree in Mechanical Engineering or equivalent experience.
- EI Certification (Pass the Fundamentals of Engineering Examination) a plus.
- 3 to 5 years of mechanical design experience for a consulting engineering or architectural/engineering design firm.
- Experience with healthcare of higher education projects preferred.
- Experience with Autodesk Revit preferred.

TME offers challenging and innovative work assignments, competitive salary, and an outstanding benefits package. We encourage you to visit our website at www.tmecorp.com. If interested, please email your resume to the attention of Janet Calhoun at jcalhoun@tmecorp.com.



COBB ENGINEERING
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COBB ENGINEERING

COBB Engineering, a growing company that strives to provide premium-quality design engineering services to our clients while maintaining the highest professional standards within the engineering community has opportunities in OKC and Tulsa and is current seeking candidates for the following positions:

Site/Land Development Project Manager

BS Degree in Civil Engineering and registration as PE required. Applicants should have experience in plan development and be knowledgeable in land development including grading, erosion control, hydraulic analysis, storm drainage, detention design, water & sewer service design, etc. Must be proficient in the use of AutoCAD software. Civil 3D, StormCAD, HydroCAD or WaterCAD experience a plus. Send resume to hr@cobbengr.com or fax to 405-415-9410.

Mechanical/Electrical Engineer

Highly experienced and technically astute Mechanical or Electrical Engineer; innovative but decisive leader who can work effectively in a highly collaborative, team-based environment; and has the ability to set goals and expectations and hold others accountable. Must hold a current PE license or the ability to obtain. Ability to produce design specifications that meet the design criteria but also deliver a practical efficient solution. Must be capable of analyzing MEP building systems and complete designs using industry software such as AutoCad, Revit MEP and MEP specific design and calculation software. Send resume to hr@cobbengr.com or fax to 405-415-9410.

Structural Engineer

BS Degree in Civil or Architectural Engineering and registration as PE required. 7+ years of experience in new structural design and restoration of existing structures (reinforced concrete, prestressed concrete, steel structures, wood, etc.). Proficient in structural analysis of steel, concrete, timber and masonry. Ability to produce design specifications that meet the design criteria but also deliver a practical field application. The selected candidate's main responsibilities will be to provide leadership within our growing Structural Engineering Division by developing and leading a team that provides engineering services for architectural construction projects. To achieve this, you must be able to hold accountable, encourage and mentor others as the Structural Division continues to grow. Send resume to hr@cobbengr.com or fax to 405-415-9410.

History Brief: One Chapter, Two Charters

Did you know our chapter has two charters from ASHRAE? I didn't either, until I discovered the two documents pictured. After some reading, I discovered that our first chapter charter was presented to us in 1935, when we were formed. Our chapter was the first chapter in the southwest (the present approximate area of Region 8). It was called "Oklahoma Chapter". We were number 18 in Society. In the four years following, North Texas (Dallas) and South Texas (Houston) were chartered. Later, in 1948 the Northeast Oklahoma Chapter was chartered (Tulsa), number 40.

But why the second charter dated October 4, 1965? I tried to find the answer from Harry Rountree, our most senior living past-president who was active in that period. He didn't know, but we believe that since the second charter in 1965 was dated exactly 30 years to the day after our original, and our present chapter name (Central Oklahoma Chapter) is on the second document, that our board had requested the new document. The reason? To correct our chapter name and to celebrate our 30 year anniversary.

We're now 77 and going strong, and we still enjoy celebrating! Thanks to all the dedicated ASHRAE members who have served over 7 decades.

Alan Loeffler, Chapter Historian
Chapter Historian



Alan Loeffler,
Chapter Historian

BOARD OF GOVERNORS MEETING MINUTES

The Board of Governors held their last meeting on November 26. President Dusty Stoabs called the meeting to order at 12:15 pm.

Chapter Officers Present:

David Royal – President Elect
Shaun Sexton – Treasurer
Joe Sanders – Secretary

Board of Governors Present:

Grant Flurry Bryan Garcia Tim Jones
Daniel Brazeale Mark Furgason

Absent:

Dusty Stoabs Jason Keyes Brian Sauer
John Semtner

Members Present:

Alan Loeffler Tino Mendez Brooke Enochs

New Business and Committee Reports:

Meeting Minutes from October Board of Governors Meeting were presented. Grant Flurry made a motion to accept. Report approved 7-0.

Tino Mendez suggested making a change to the chapter bylaws to accept email voting. David Royal suggested that it was time to look at updating the bylaws due in part to the society name change.

Shaun Sexton reported that there is currently \$18,747 in the checking account and \$4,315 in the CD which has now matured. There is a 10 day grace period to renew. The plan is not to renew the CD and search for a better interest rate elsewhere.

John Semtner has received a contract for the bus we will use for driving to the AHR Expo in Dallas.

Committee Reports:

Webmaster: [Bryan Garcia] Reported that the website is up to date and that he is working with Alan Loeffler on setting up postings for Historian information.

CTTC: [Daniel Brazeale] December chapter meeting speaker is confirmed. Topic is Air Flow Measurement. Two meetings are still open.

Scholarship: [Grant Flurry] Deposited CD and earning from

Golf Tournament. Total bank account is worth approximately \$14,000.00. OKC Community Foundation is due \$5,000.00 this year and that money will be moved in the near future. The remaining funds will be discussed at a later date.

Membership: [Tim Jones] 11 new members year-to-date; some new re-enlistments, 10 cancellations, four grade advancements, and 10 delinquent members.

Student Activities: [Brooke Enochs] Attended meeting for women in engineering. Thanked FSB for sponsoring students as requested by Aruna. Bob Carson provided a guided tour to OU students of their new central plant.

YEA: [Daniel Brazeale] Next event will be December 6th at Dave and Buster's.

No other new business.

President-Elect David Royal adjourned the meeting at 12:55PM.

BOARD OF GOVERNORS CONTACT INFORMATION

Officer Name	Role	Company	Phone	Email
Dusty Stoabs, P.E.	President	Frankfurt Short Bruza	(405)840.2931	dstoabs@fsb-ae.com
Joe Sanders	Secretary	RB Akins Company	(405)947.6502	jsanders@rbakins.com
Shaun Sexton	Treasurer	050 Engineering Company	(405)236.2030	ssexton@050engineering.com
Alan Loeffler	Historian	Federal Corporation	(405)239.7301	aloeffler@federalcorp.com
Alejandro Garcia	Chapter Delegate Honors and Awards	The Benham Companies	(405)478.5353	alejandro.garcia@saic.com
Bryan Garcia, P.E.	Webmaster Chapter Alternate	Trane Company	(405)717.7614	bdgarcia@trane.com
Daniel Brazeale	YEA Coordinator Board of Governors Tech Transfer Chair	Engineered Equipment	(405)525.7722	dbrazeale@eei-ok.com
Timothy Jones	Member Promotions Board of Governors	Engineered Equipment	(405)525.7722	tjones@eei-ok.com
Brooke Enochs	Student Activities Chair	Tinsley-Mullens Engineers	(405)463.6570	benochs@tmecorp.com
Tony Clark	Newsletter Editor	Tinsley-Mullens Engineers	(405)463.6570	tclark@tmecorp.com
Brian Sauer	Tech Energy & Gov. Board of Governors	Garver	(405)329.2555	basauer@garverusa.com
David Royal	Research Promotions President Elect	Automated Building Systems	(405)245.5409	david.royal@abscompanies.com
Grant Flurry	Board of Governors	Federal Corporation	(405)239.7320	gflurry@federalcorp.com
Jason Keyes	Board of Governors	Siemens	(405)615.6690	jason.keyes@siemens.com
John Semtner	Board of Governors	Architectural Design Group	(405)808.5894	jsemtner@adgokc.com
Mark Furgason	Board of Governors	Automated Building Systems	(405)948.1794	mark.furgason@abscompanies.com



Board of Governors at Sportsman's Club on October 29, 2012.