

American Society of Mechanical Engineers

Central Oklahoma Section Newsletter

Volume 7, Number 1

August 2005



August ASME COS Meeting Announcement

Topic: Corken, Inc Plant Tour

Place: 3805 NW 36 St
Oklahoma City, OK

Time: Thursday, August 25th
6:00PM: Social Gathering
7:00PM: Corken Presentation

6:30PM: Pizza and Drinks
7:15PM: Tour of Plant



Cost: \$5 for all Senior Members and Guests, \$5 for Student Section Members

PLEASE PLACE RESERVATIONS BY 12:00PM TUESDAY AUGUST 23

Students make reservations at your respective university's Mechanical Engineering office
Members make reservations with Frank Parker; parkerf@asme.org; Ph. (405) 739-1813
(with each reservation, please include the name of each guest &/or student)

Inside This Issue:

"Getting To Know Us" – 2005 – 2006 COS Executive Committee	2
"Getting To Know You" – Jamal Siddiqui	2
Chair's Corner	3
History and Heritage	3
Y.E. Formum	3
Member Renewal Notice	3

August's meeting will be held at Corken, Inc. in Oklahoma City. In 1924, Corken Pump and Machinery was founded by Otto K. and Charles Corken. In the 1940's, the company entered the liquid petroleum gas (LPG) industry, which was followed with quickly gained market recognition for its line of compressors and pumps for the propane, butane and anhydrous ammonia industries.

Corken compressors and pumps have also been used to transfer a wide range of toxic, explosive or flammable liquids and gases. In the early 80s, Corken introduced the first petroleum industrial pump and in 1985, Corken designed its first D-style (dual packing) industrial compressor.

In 1991, Corken became part of the IDEX Corporation, a fluid

(Continued on page 2)

2005-2006 CENTRAL OKLAHOMA SECTION EXECUTIVE COMMITTEE OFFICERS

Frank Parker, PE Boeing B (405) 739-1813 · parkerf@asme.org	Chair	Mike Frey Boeing B (405) 734-0150 · freym1@asme.org	Professional Development	Bill Green, PE Retired H (405) 728-5849 · wgreen@cox.net	Director	Jom Bose, PhD, PE Oklahoma State University B (405) 744-9371 · jbose@okstate.edu	OSU-MET
Nathan Weber York International B (405) 419-6305 · webern2@asme.org	Vice Chair	Stan Wells Pratt & Whitney B (405) 455-2045 · stan.wells@pw.utc.com	Membership Development	Jamal Siddiqui U.S. Air Force B (405) 739-7191 · siddiqui2@asme.org	Director	Sub Gollahalli, PhD, PE University of Oklahoma B (405) 325-1728 · gollahal@ou.edu	OU
John McCachern, PE Lucent Technologies B (404) 302-1651 · mccachern@sbcglobal.net	Treasurer	Vladimir Yun Cherokee Trailers B (405) 691-8222 · vd_yun@yahoo.com	College Relations, Industry Relations	Ed Root Retired H (405) 946-3254 · emroot@cox.net	Director	Doug Brown President, Region X Goodyear Tire & Rubber Co. B (580) 531-5871 · brown919@asme.org	President, Region X
Tom Betzen, PE Michelin Tire & Rubber Co. B (580) 221-2280 · betzent2@asme.org	Secretary	Ed Reynolds, PE Consulting Engineer B (405) 721-6753 · edwin_c_reynolds@yahoo.com	Past Chair, Honors & Awards, History & Heritage	Tommy Lear, PE Boeing B (405) 739-1827 · thomas.a.lear@boeing.com	Director	FACULTY ADVISORS Wayne Whaley, PhD, PE Oklahoma Christian University B (405) 425-5424 · wayne.whaley@oc.edu	OC
Albert Janco, PE Consulting Engineer B (405) 848-1991 · JANCOA@ASME.ORG	Programs, Government Relations, Prof. Practice & Ethics	Frank Chamber, PhD, PE Oklahoma State University B (405) 744-5901 · chamberf@asme.org	Director	Dan Metzger, PE Slaughter Test Systems B (580) 223-4773 · dan.metzger@slaughtertest.com	Director	Hongbin Lu, PhD Oklahoma State University B (405) 744-5900 · hongbin@okstate.edu	OSU-MAE
Elizabeth Schwartz Ford Audio-Video Systems B (405) 945-2057 · schwartz3@asme.org	Diversity & Outreach, Webmaster	John Heaton, PE Halliburton Energy Services B (580) 251-4166 · john.heaton@halliburton.com	Director	Byron Newberry, PhD Oklahoma Christian University B (405) 425-5428 · byron.newberry@oc.edu	OC	Rick Beier, PhD Oklahoma State University B (405) 744-9371 · beier@okstate.edu	OSU-MET
Jon Akins Rupture Pin Technology B (405) 789-1884 · akinsj2@asme.org	Member Interests, Public Relations, Newsletter Editor	Wendell Cavin, PE Southwestern Bell B (405) 291-5586 · wc064@sbc.com	Director	Larry Hoberock, PhD, PE Oklahoma State University B (405) 744-5900 · lhobero@okstate.edu	OSU-MAE	Rong Zhu Gan, PhD University of Oklahoma B (405) 325-1099 · rgan@ou.edu	OU-AME

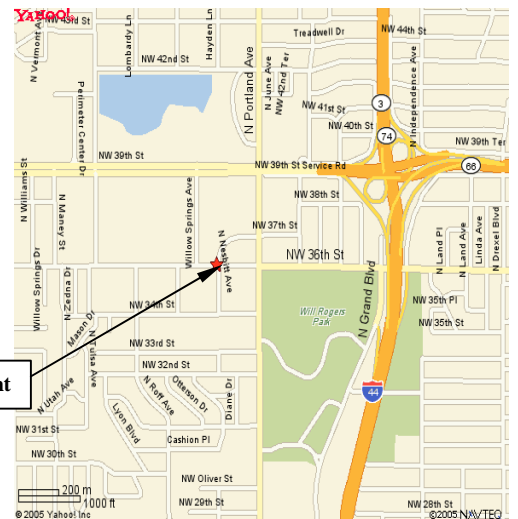
EX-OFFICIO DIRECTORS

Additional August Meeting Information

handling group consisting of globally recognized market leaders. Today, Corken is a diversified company that serves a worldwide customer base including Far East, Asia, Africa,

Europe, Middle East, South America, and North America. Corken serves each of its customers through an extensive network of distributors.

Location of Corken Plant



“Getting To Know Us” – 2005 - 2006 Central Oklahoma Executive Committee

Although the names of the officers and directors of our Section’s Executive Committee are published in our newsletter and online, we thought it would be a good idea to formally introduce ourselves in a separate article at the beginning of the 2005-2006 program year. We would like to encourage you to contact any Officer or Director if you have questions about issues related to their assigned function. If you’re unsure of whom to contact, you can always send a message to the Chair and/or Vice Chair.

We’ll strive to provide you, our members, with interesting programs, useful information and services pertaining to ASME activities and membership benefits. However, we can’t do our job effectively without your support and input; especially if there is something you think our Section could do better. We would also like to encourage you to consider serving on our committee, especially if you have ideas on how to improve the way our Section is run. Our recent increase in the number of Directors has lightened

the load and improved our efficiency in guiding the Central Oklahoma Section. However, we can always use fresh ideas from both new and long-standing members in our engineering community.

“Getting To Know You” – Jamal Siddiqui



Jamal Siddiqui became an ASME member in 1997 and, in the same year, received his B.S. in Mechanical Engineering from The University of Oklahoma. He is a current Director, and a past Secretary, on the COS Executive Committee. Some of his favorite, and most beneficial, college courses were Design Practicum, in which his team designed a refrigerant recovery system with the Govern Air Corporation, Principles of Engineering Design, Engineering Design Graphics, and Windtunnel Lab. While Jamal has an interest in eventually pursuing a graduate engineering degree, as a current E.I., one of his near-term professional goals is P.E. licensure.

Jamal credits the example of his father, Jamil, as an outstanding aerospace engineer to have fostered, in both himself and his brother, Huss, more than just a passing interest in pursuing vocations involving aircraft and engineering. Huss also obtained a B.S. in mechanical engineering, and even became an Air Force pilot. Following college graduation, Jamal worked for Boeing in Midwest City, OK, as a Project Engineer. This involved planning, organizing, and monitoring structural, mechanical, and avionics modifications to commercial-derivative military aircraft. A highlight of this experience was the honor of serving as team leader on a modification accomplished at Andrews AFB, MD, on a VC-25A aircraft, aka “Air Force One”. Later, Jamal began work as a Civil Service Aerospace Engineer at Tinker AFB, within what is now called the B-2 Spirit Sustainment Squadron. In this capacity, he works with Government and contractor personnel to resolve deficiencies in parts, assemblies,

systems, structures, support equipment, and technical maintenance/repair manuals. Other duties include providing engineering expertise to help establish and maintain Air Force repair capability of various types of electrical/pneumatic/mechanical aircraft equipment, and to help integrate capability-enhancing modifications onto the B-2A aircraft. Jamal considers it a privilege to have been assigned to serve as an on-site engineer at Whiteman AFB during the initial use of the B-2A against the global war on terror. Jamal and his highschool sweetheart, Ginger, will celebrate their 15th wedding anniversary in December. They have five children, the oldest three of which are currently being homeschooled. Jamal and his family reside in Del City, where they are members of First Southern Baptist Church. Jamal likes to spend his spare time studying the Bible, visiting with friends and family, sharing in the homeschool responsibilities, and playing with his children.

Chair's Corner

Dear ASME-Central Oklahoma Section Members:

Welcome back to a new program year for the Central Oklahoma Section of ASME! It's been a little warmer than I would have liked, but hope this summer has been an enjoyable break for you all. Your committee hasn't been completely idle these last few months, however, as we've planned several good programs to kick off our 2005-2006 season.

We definitely finished off the previous program year well with a great plant tour at **York International UPG** in Norman. I would like to thank the management of York International and **Nathan Weber** for hosting last May's meeting. Nathan, who is a senior design engineer at the plant and our current Vice

Chair, gave a very interesting presentation on the products manufactured in the Norman plant. He likewise did an exceptional job of shepherding us through the production line and engineering test area. We also appreciate the great efforts of **Jamal Siddiqui** and his son **Tyler** for getting & delivering the pizza, salad fixings, beverages, and deserts for our meal. It was certainly an enjoyable evening for all who attended.

We'll begin our new season as we finished our last: with another first class plant tour. This month, Corken Pump of Oklahoma City has agreed to open their plant to us. Although part of the IDEX Corporation since 1991, Corken Pump and Machinery is one of Oklahoma's home grown manufacturing

jewels, producing quality compressors and pumps since its founding in 1924. Their product line and production facilities are sure to provide for a very interesting evening. See the first two pages of this newsletter for more details concerning Corken and our August 25th program. Jamal Siddiqui has again offered to organize our pizza, salad, & dessert spread for this evening. All you have to do is join us and participate in the camaraderie and get a close-up look at a fascinating engineering and manufacturing venture. **Consider bringing a friend or co-worker if you come.**

Frank Parker -- Chair

History and Heritage

The American Society of Mechanical Engineers was founded in 1880 by prominent mechanical engineers. Today, ASME is a worldwide engineering society focused on technical, educational, and research issues. It has 125,000 members and conducts one of the world's largest technical publishing operations, holds some 30 technical conferences and 200 professional development courses each year, and sets many industrial and manufacturing standards. The societies History & Heritage program is established to examine, note, record, and commemorate outstanding mechanical engineering attainments worldwide. Through this program, ASME is committed to the gathering of data on works and artifacts that are historically

significant to the profession and development of the nation. The program helps to mark sites of accomplishments, put machinery into trust, and preserve drawings, photographs, and company as well as private records.

Landmark designations are the History & Heritage programs most popular activity. Generally, landmarks are distinguished by being unique, one of a kind, first ever, oldest existent, or last surviving example of a once widely used type of work. Since the first designation, ASME has recognized innovations in transportation; hydraulic machinery; steam, internal combustion, and nuclear power; manufacturing; instrumentation; heating and air conditioning; communications; bioengineering; and

space technology. The broadest objective of the program is to promote a general awareness of our technological heritage among engineers and to the public. This ambitious goal is achieved largely through volunteer efforts of each ASME section. The National Committee depends upon the enthusiasm of each member for ideas, discoveries, and suggestions.

Landmarks, sites, and collections – across the United States and throughout the world – have been designated by the History & Heritage Committee of ASME. The following listing represents the number of designation landmark/sites/collections in each state/country:

U.S. Designations

Alabama – 4	Florida – 11	Kansas – 1	Mississippi – 1	Ohio – 16	Texas - 14
Alaska – 1	Georgia – 3	Louisiana – 2	Missouri – 2	OKLAHOMA - 1	Utah - 2
Arizona – 2	Hawaii – 1	Maine – 1	Nebraska – 1	Oregon - 2	Vermont - 2
California – 24	Idaho – 1	Maryland – 7	New Hampshire – 3	Pennsylvania - 17	Virginia - 5
Colorado – 3	Illinois – 4	Massachusetts – 9	New Jersey – 7	Puerto Rico - 3	Washington - 3
Connecticut – 8	Indiana – 3	Michigan – 12	New York – 19	Rhode Island - 2	Wisconsin - 8
Delaware – 1	Iowa – 1	Minnesota – 1	North Carolina - 3	Tennessee - 3	

Non-U.S. Designations

Austria – 1	Canada – 1	France – 1	Netherlands – 1	Sweden - 1	United Kingdom - 5
Australia – 1	China – 1	Germany – 1	Japan – 1	Switzerland - 3	

Additional information with specific details on each landmark/site/collection can be obtained on ASME world wide web at <http://www.asme.org/> We are interested in your suggestions on potential candidates for History & Heritage

nominations for engineering achievements within the State of Oklahoma as we know there are other companies in our State that have significant and unique Mechanical Engineering heritage & could be nominated & recognized for this distinctive honor. Please submit your

suggestions & ideas to our Section History & Heritage Committee Chairperson, Ed Reynolds at (405) 721-6753 Or E-mail: edwin_c_reynolds@yahoo.com

Member Renewal Notice

The membership year runs from **October 1 to the following September 30**. If dues have not been received by December 31, members become inactive and service will cease till dues are

received. Inactive membership records are saved for 5 years before they are deleted. At any time during these 5 years if a member wishes to reactivate their membership they need only pay the current

membership years' dues. After five years a new membership application will need to be completed. Log onto www.asme.org to renew today.

FOR UPDATES ON THESE AND OTHER EVENTS, VISIT OUR SECTION WEB SITE AT

<http://sections.asme.org/CentralOK>

ALSO VISIT THE ASME SOUTHERN FIELD OFFICE, DALLAS, TX AT

<http://www.asme.org/regions/sro/>

The American Society of Mechanical Engineers OKLAHOMA ENGINEERING CENTER 201 NORTHEAST 27TH STREET OKLAHOMA CITY, OK 73105	NON PROFIT ORG. U.S. POSTAGE PAID OKLAHOMA CITY, OK PERMIT NO. 2068	
DATED MATERIAL - PLEASE DO NOT DELAY		