



The American Society of Mechanical Engineers

Central Oklahoma Section Newsletter

Volume 5, Number 1, August 12, 2003

The Section is located at: Oklahoma Engineering Center, 201 Northeast 27th Street, Oklahoma City, OK 73105

The Central Oklahoma Section Newsletter is nominally published nine times per year to convey monthly meeting dates, meeting topics, section activities, and/or other ASME information to its membership.



***** August Kimray Inc. Plant Tour ***** Thursday, August 28 52 NW 42nd St., OKC

Kimray products have a rich history of commitment to a good name in service, support, leadership and the future. Learn of Kimray's past legacy, commitments to the present, and visions for the future.

Mr. Thomas A. Hill III, Vice-President of Manufacturing, will serve as host and provide an overview of Kimray prior to the tour. The tour will feature Kimray's entire line of oil and gas equipment and controls including: **Pilot Operated Pressure Regulators** (to regulate pneumatic system upstream, downstream, & differential pressure), **Pressure Differential Controllers** (differential pilot sends pneumatic actuator signals for meter flow control), **Control Motor Valves** (manual, electronic, & diaphragm operated gas motor valves), **Temperature Controllers** (for pneumatic actuators), **Pneumatic Pressure Control Pilots** (for control of diaphragm-operated motor control valves), **Low Pressure Motor Valves** (diaphragm-operated gas valves), **Glycol Pumps** (glycol absorber pressure used to pump glycol in dehydrators & gas amine desulphurizers), **Lever Operated Valves & Controls** (mechanical devices for float-operated control of oil/water level in tanks/pressure vessels), **Balanced Motor Valves** (diaphragm & piston balanced, diaphragm-operated oil valves), **3-Way Series Motor Valves** (diaphragm & piston balanced, diaphragm-operated 3-way & diverter valves), **High Pressure Level Controls** (float or pressure actuated pilots send pneumatic signals for liquid level control), **Low Pressure Floatless Liquid Level** (differential pilots use separator gas/fluid pressure difference to actuate diaphragm-operated motor valves), and **Automation Systems** (a distribution, acquisition, communication, & control system combining remote terminals, communications, and PC based software for real time monitoring, control, measurement, data storage, collection and custody transfer) . **Make plans to join us on August 28 for this informative tour and to help us launch a new ASME Central Oklahoma Section program year!**

Schedule and Contact Information

Time: 6:00PM: Gather at Kimray Inc. 6:30PM: Picnic Meal (Pizza, Salad, Drinks).
7:00PM: Short Business Meeting and presentation by Mr. Thomas Hill III.
7:30PM: Kimray Inc. Plant Tour. **Cost:** \$5 each for all Sr./Student Members & Guests.

PLEASE PLACE RESERVATIONS BY 12:00PM (noon) TUESDAY, AUGUST 26

Students, please make reservations at your respective university's Mechanical Engineering office.

Members, please make reservations with: Doug Brown ; brownd919@asme.org ; (580) 531-5871

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Additional August Meeting Information

Kimray, Inc., founded by Garman O. Kimmell in 1948 as a family owned and operated company, has achieved a rich history of service to the petroleum industry. Innovation, economy and reliability have been the standards for a long line of products designed to meet the growing needs of oil and gas producers, transporters and distributors.



Kimray, Inc. Main Offices

Mr. Kimmell's vision for the company began with the introduction of the 3" SGT-BP, a pilot operated gas back-pressure regulator. The first of many patented designs, the Kimray gas valve revolutionized gas pressure regulation. Mr. Kimmell went on to design many other products that have achieved industry-wide recognition, including Glycol Pumps, Treater Valves, Oil Dump Valves, High Pressure Motor Valves, and Pilots. Since 1948 Kimray has grown to occupy a 110,000 square foot facility, employ 180 people, and generate yearly sales of \$25,000,000.



1745 PV
Glycol Pump



100 PDC
Pressure Diff. Controller



4X112PDCM4V
Control Valve



12 PL Pilot
Liquid Level Control



212 SGT BP
Pressure Regulator

ASME'S MEMBER INITIATIVE SYSTEM ON THE WEB

ASME'S Member Initiative System encourages any member or operating unit of ASME to propose improvements to Society policy or procedure or to make any suggestions which would improve the operation or activities of the Society. It's easier than ever to propose improvements and to view proposals submitted by your peers. We will now highlight selected Member Initiatives that have been recently received.

To submit a proposal, or to view other current and archived proposals, visit the Member Initiative System web page at <http://www.asme.org/cma/mis.cfm>.

Leave a *Mechanical Engineering Magazine* for Prospective Members & Spread the Word!



Do you keep your back copies of ME Magazine? If not, please pass them along to others. You can keep them on your desk at work, put them in the employee lounge, donate them to your local library, high school library or local college - or anywhere else you can think of where people congregate. **Circulating readership is important** - it extends the reach of ASME at no cost to the Society. **So don't throw your magazines away - pass them along.** You never know when an article might spark an interest in ASME or in mechanical engineering.

ASME Launches Anti-Spam Service

ASME is providing a new junk mail filtering service to protect your "@asme.org" forwarding address. We have contracted this service for our members from a top provider of email security services.

We are providing this service to our members in response to the growing problem of unsolicited email messages. It has been reported that as much as 70% of all new email is classified as spam. If you are a member who has an asme.org email alias, then you have already have been activated.

At this time, only addresses with the asme.org domain can be registered for this service. To create your ASME email alias, visit the "Members Only" site at www.asme.org. Approximately one week after your alias has been established, you will receive your account information and temporary password.

For more information, please contact junkmail@asme.org.

Chair's Chatter

Dear ASME-Central Oklahoma Section Members:

Summer's almost over (hey, daytime highs are under 110°F), kids getting ready to go back to school (please drive carefully), and our ASME Central Oklahoma Section (COS) is beginning the 2003-2004 program year (please participate with us). This promises to be another outstanding year for YOU, and all of our members, student members and guests. Albert Janco, our Program Chair, and your Executive Committee are planning to make it happen !!!

On behalf of YOU, and all of our COS members, **THANKS** to Frank Parker and his hard-working officers and directors for making last year an outstanding year for ASME, Region X, and the COS. If you haven't had a chance to read it yet, please take the few minutes and read the "*excellent summary*" of the "*excellent year*". You should have received this "special edition" newsletter recently, summarizing last years' activities, **THANKS** to Curtis Vickery, our newsletter editor.

One emphasis of mine this coming year will be to assure that YOU have every opportunity to make YOUR voice, YOUR ideas, and YOUR efforts a part of our success in COS – please, Please PLEASE, **PLEASE**, contact me with any suggestion, idea, complaint, request, question. This is YOUR ASME, and we want YOU to benefit from it.

Hope to see **YOU** at this months meeting!

Doug Brown – Chair

What can ASME do for YOU ???

What can ASME do for YOU ??? It can afford you many opportunities, personally and professionally, and even let you have fun while doing it !!!

However, my reason for asking the question is to give each of you the opportunity to give me your input. I'd like each of you to send me the one (more if you'd like) thing that you would like to see the COS do this coming year. I'm requesting YOUR IDEAS so we can establish the most important goals for the year. Our Executive Committee will establish a consensus from YOUR IDEAS. We'll use the top several as our GOALS for 2003-2004.

This is an unrestricted request. Let me know what YOU think. Whether it's for a program meeting, professional development topic, plant tour, lecture topic, establish a scholarship fund, whatever YOU think, including just plain fun (night at the ballgame), let me know.

We want the efforts and achievements of the COS to be what the majority of YOU believe are the most important GOALS. I'll keep you advised of our GOALS, and our progress, in our newsletter. Also, YOU can join us in helping make your idea successfully happen, and have fun doing it.

What can ASME do for YOU ??? Probably more than you think, but first you have to let us know what YOU think.

Doug Brown

Student Section News: The Fall 2003 semester is just beginning and students are scurrying about getting settled in and getting their academic schedules finalized. We will formally introduce our four ASME Student Sections: Oklahoma Christian Univ. (Mech. Engr. School), University of Oklahoma (AME School), and Oklahoma State University (MAE and MET Schools) next month. In the meantime, **students take note** of the Regional Student Leadership Seminar that is coming up soon. **ASME will reimburse expenses for two student delegates to attend from each Student Section!** (see <http://www.asme.org/regions/sro/XFall2003> for more info)

Regional Student Section Leadership Seminar (RSLS) ; September 12-13, 2003

Holiday Inn Express, Love Field -- Dallas, Texas

The RSLC will help you:

- Build confidence and skills as Student Section officers. These skills will carry over into the workplace.
- Improve professionalism of Student Section leaders and encourage interaction with your Senior Section.
- Return skills to your Section that have been lost due to loss of or graduated Student Section leaders.
- Condense available data, saving valuable time in setting up successful Student Section operations.
- Reduce hesitancy in volunteering for various Student Section tasks due to lack of experience or knowledge.
- Provide standardized, focused training of skills to run a successful Student Section.



The Great International Southwest **Region X**

Future ASME-Central Oklahoma Section Events

Date	Location	Program Topic and Speaker
August 28, 2003 (Thursday)	Kimray Inc. -- Oil & Gas Equipment and Controls 52 NW 42 nd Street, OKC	<p style="text-align: center;">Tour of the Kimray Inc. Manufacturing facility.</p> Kimray products include High & Low Pressure Liquid Level Controls, Glycol Pumps, Balanced Motor Valves, Pneumatic Pilots & Relays, Control Motor Valves, Pressure Differential Controllers, and Automation Systems.
September 25, 2003 (Thursday)	Okla. Engineering Center 201 NE 27 th St., OKC	<p style="text-align: center;">Dr. John T. Snow, Dean, OU College of Geosciences</p> Dr. Snow will present an overview of the National Weather Center now under construction at OU's Research Complex south of the main campus.
October 23, 2003 (Thursday)	Okla. Engineering Center 201 NE 27 th St., OKC	<p style="text-align: center;">ASME Distinguished Lecturer: Dr. Charles A. Amann</p> Topic: "Propulsion for Private Personal Transportation: Horse to Engine to - Fuel Cell?"

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

<http://www.asme.org/Sections/CentralOK>

ACCESS MORE OF ASME'S RESOURCES ON THE WORLD WIDE WEB AT

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

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

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

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