

St. Louis Section News

March 2004

March 2004 Event

ASME St. Louis Section presents A TOUR OF THE SOUTH SIDE MACHINE WORKS INC.

Tuesday, March 9th, 2004

Jim Campbell, Event Captain
618-654-9080

Please join us for a tour of South Side Machine Works Inc. South Side Machine Works has 100 years of experience in manufacturing large gears, rerimming of gears, metallizing surfaces, stress relieving, and repairing fractured castings, and caster segment housings.



Some of the processes we will see are: fabrication, general machining, large gear machining, machine rebuilding, Burny computerized burnouts, welding, and sandblasting. Make your reservations early. The tour group size is limited.

Date: Tuesday, March 9, 2004

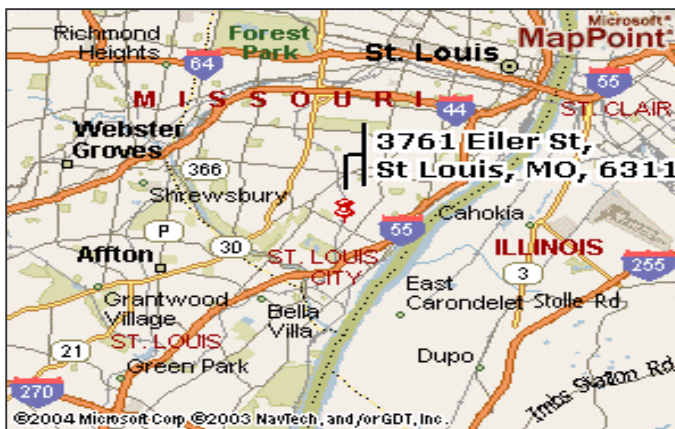
Time: 6:00 Tour free,

Dinner: 7:00 BAR-B-Q Buffet \$10

Place: South Side Machine Works, 3761 Eiler St., St. Louis, MO 63116

Cost: No cost for tour. \$10.00 for BAR-B-Q Buffet

Reservations: Required by Thursday, March 4, 2004. Call the ASME Reservation Service at (314)-353-2463.



Directions: From I-55 take Bates St. northwest, travel 0.4 mi., turn right onto Idaho Ave., travel 0.1 mi., turn left onto Eiler St., travel 0.1 mi to 3761 Eiler St. For additional information: contact the event captain: Jim Campbell at 618-654-9080 or email: jim.campbell@busakshamban.com



Message from the Section Chair:

Please join us at the next

St. Louis Section Board Meeting

6:00 p.m. Tuesday, March 16th

at Laclede Street Bar and Grille

3818 Laclede Avenue

near Saint Louis University Campus,

Make sure your input is heard by joining us at the next ASME St. Louis Section Board meeting. This is a great opportunity to make our Section a success! For more information about the Section Board meetings, contact:

Tom Mull

Nominating Committee

St. Louis Section members

The nominating committee for next year has been selected. This committee will help start nominations of a slate of candidates for officers of our St. Louis section for the upcoming year. The committee persons selected are: **Betty Bowersox, Jim Campbell, Tom Bever, Dave Crawford, and Dave Henkelmann.** Your input to this committee is solicited. When candidates are nominated, they can be placed on ballot along with spaces for other write in candidates. All St. Louis section members are urged to participate in nomination and election of officers for the 2004/2005 year.

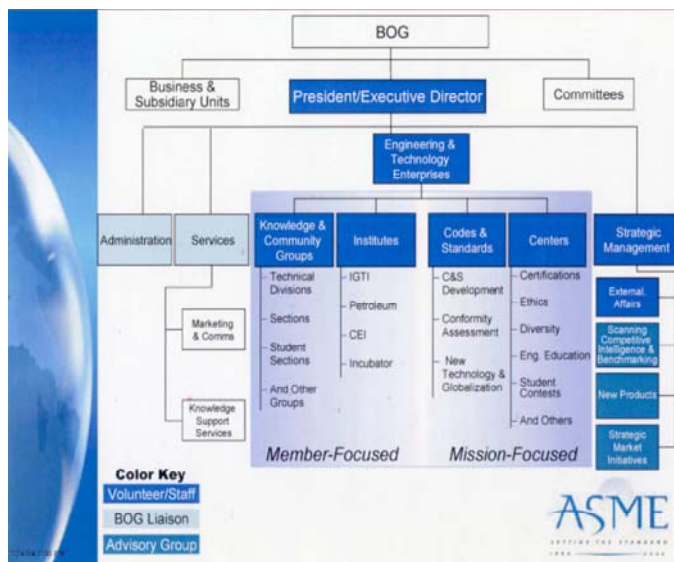


ASME UNVEILS ITS NEW 125th ANNIVERSARY LOGO

The logo was introduced at the 2003 ASME Congress. The anniversary branding over the next two years will be used instead of the traditional ASME cloverleaf logo, which stood as a symbol of the Society since 1880. Founded in 1880 as the American Society of Mechanical Engineers, and most recently known as ASME International, ASME currently stands as a 120,000-member professional organization focused on the technical, educational and research issues.

"The hallmark of the Society is built upon our ethics and core values," said **Reginald I. Vachon**, president of ASME. "As we look to the future, engineering and emerging technologies will play an increasingly significant role in our everyday lives, particularly through enhanced public health, safety and sustainability. ASME is poised for change as a leader in the global, multidisciplinary engineering profession. This is reflected in our anniversary branding initiatives."

The new ASME logo will emphasize the convergence of engineering disciplines. Before there were mechanical, civil, electrical, chemical and other specialized disciplines, there was only one: engineering.



An overview of the new multi-disciplinary ASME organizational structure has been presented in Berkeley, California, Feb 21, 2004, the last in a series of hearings soliciting feedback on the new ASME organization.

The BOG [Board of Governors] has approved this preliminary organization structure and the Core Team is now working to further define the plan for for final approval by the BOG in March. Feedback from meetings at the Congress, and in Ohio, Texas, and California, along with direct feedback to the President or through the Continuity and Change web site will only improve the final result.

Implement Staged Migration Process
 Implement changes in a staged migration process

Major Milestones	2004	2005
1. Five Assemblies	Nov, Jan, Feb	
2. Feedback Incorporated into Plan	March	
3. BoG Approves Plan	March	
4. Begin Transition to New Model	April	
• Launch Council Migration Plans		
• Launch Strategic Management		
• Realign Staff Services and Functions		
• Launch Key Initiatives That Support ASME's Strategy		
5. Transition and Council Migration Deadline		June
6. Continuous Improvement		Ongoing

The ASME Core Team believes this has significant advantages over the current structure, some of them have been mentioned already. The model better recognizes and supports member interests, unit interests, organizational strategy and priority initiatives identified by the BOG such as blurring boundaries, young engineers, industry & government. The model brings improved resources & services for the global nature of the profession and practice of engineering. There are clearer roles and responsibilities for members and staff, providing much greater flexibility and opportunity for current and future members, interests and priorities. Staff resources have much more flexibility to support important projects and programs.

The goal is to develop a more agile, responsive and accountable organization. ASME is striving for an open, respectful, participatory process that sustains its core values and core assets, while looking to improve its operating structure and become a more responsive engineering society.

Read the complete Continuity and Change Plan at website <http://www.asme.org/change>.

For the latest Continuity & Change presentations, audience survey results and Q&A transcripts see the General Assemblies column and click on your choice.

Upcoming April 2004 STL Event

Dinner and presentation of **Development of Super High Strength Steel**

Tom Bever, Event Captain

314-353-8558

Please join us for a congenial dinner and presentation showing the development of super high strength steels for boilers.

The speaker will be **Dr. Maan H. Jawad**, noted engineer and scientist., President of **Global Engineering and Technology**, consulting on repairs, alterations and engineering services to the power and petrochemical Industry. Previously, Jawad was President of **Nooter Consulting Services** and Vice President - Research and Development of the Nooter Corporation and a member of the Nooter Corporation Board of Directors. Nooter fabricates and field erects boilers and pressure vessels for the power generation and petro-chemical industries and is employee owned with annual sales of 800 million dollars.

Dr. Jawad has been very active on various technical committees of the American Society of Mechanical Engineers related to boilers and pressure vessels. He was a member of the ASME Boiler and Pressure Vessel Main Committee, Section VIII, Subgroup Design, Subgroup Materials, and Subgroup Toughness. Presently he is a member of the Subgroup on Elevated Temperature Design and an honorary member of the Main Committee.

Dr. Jawad has been involved with extensive experimental and theoretical research related to pressure vessels at the Nooter Corporation. A summary of his research is given below:

Dr. Jawad teaches graduate level engineering courses at the University of Missouri. Courses taught include Advanced Structural Analysis, Matrix Analysis, Finite Element Analysis, and Theory of Plates and Shells. He obtained his Ph.D. from Iowa State University in 1968 with a major in Structural Engineering and a minor in Engineering Mechanics

Time: Wednesday, April 14th at 6:00 pm.

Location: to be announced.

Look for more details in the April newsletter or contact Tom Bever at 314-353-8558.

ASME B31.3 PROCESS PIPING SEMINAR

A 5-day course covering design, construction, and mechanical integrity of process piping.

This course covers design, fabrication, examination, erection and testing requirements of ASME B31.3. The course is specifically designed to cover the Code requirements from design through start-up of new piping systems, as well as standards of inspection and repair of in service piping systems as provided in API 570, Piping Inspection Code. Similarities and differences with ASME B31.1 are also discussed.

This course provides a working knowledge of the Code, how it is organized, its intent, the basis for the requirements, including both design and construction aspects. It provides a foundation of knowledge necessary for those responsible for assuring the mechanical integrity of existing piping systems, as well as for those responsible for designing and constructing new piping systems.

Instructor **Dr. Charles Becht** has more than 25 years experience in the design, design auditing, analysis, check-out, development, troubleshooting and failure analysis of process and power equipment and structures.. Dr. Becht is the Chairman of three ASME committees including the Post Construction Standards Committee and is Vice Chairman of ASME B31.3. He is the author of the ASME Press book, *Process Piping: The Complete Guide ASME B31.3*, a copy of which will be given to participants.

Instructor **Don Frikken** had been with Solutia, Inc. and Monsanto Company for 34 years; working on a wide range of activities including piping and mechanical design, project engineering, and engineering standards, specializing in piping design. Don is a member of several ASME committees and is past Chair of the ASME B31.3.

When: April 26-30, 2004

Where: Holiday Inn Southwest, St Louis

Cost: \$1875

For more info contact: dfrikken@becht.com

Website: <http://www.becht.com/Course/B313.htm>

BECHT ENGINEERING COMPANY, INC.

St. Louis Section
The Engineer's Club of St. Louis
4359 Lindell Blvd.
St. Louis, MO 63108

ASME 2003/2004 St. Louis Section Board

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636-938-6173	314-977-8442	618-654-9080	314-977-8444	314-231-5485	314-579-7089	314-542-9604
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