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The Effects of Outsourcing Maintenance

It has become clear in our industrial world that the outsourcing of many traditionally internal tasks is common practice. Facility maintenance and management professionals have been at the leading edge of this activity in order to conform to budget cuts and staffing freezes, and to improve upon overall productivity and effectiveness within their organization. It would be fair to say that there are a plethora of stories and case studies that exist regarding the effectiveness of such practices but this information is typically vague and almost definitely not focused on the sealing and containment devices category of maintenance products.

Click [here](#) to read more.

Emissions Valve Packing Technology Evolves to Reduce Methane Leaks

Methane (CH₄) is the second largest source of greenhouse gas emitted in the US. In 2013, CH₄ accounted for about 10 percent of all US greenhouse gas emissions from human activities. Methane's half-life in the atmosphere is much shorter than that of carbon dioxide (CO₂); however, it is significantly more efficient at trapping radiation. Pound for pound, the comparative impact of CH₄ on climate change is 25 times greater than that of CO₂ during a 100-year period.

One area responsible for contributing to the increase in CH₄ is leaking equipment in the oil and gas sector. A major contributor to this leakage is valves that leak CH₄ and sub-derivatives called

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volatile organic compounds (VOC) from the gland.

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Know Which Mechanical Sealing Options Meet Emissions Requirements

In today's world, facilities face the daunting challenge of minimizing the environmental impact of industrial processes. A primary motivation for industrial plants to control their environmental impact is government regulation. In the US, these regulations are issued at the national level by the Environmental Protection Agency (EPA) and similar agencies at the state and local levels.

Before the US government passed the first Clean Air Act in 1963, no federal regulations on gaseous emissions existed. The Clean Air Act initiated research to investigate techniques to monitor and control air pollution. During the 1970s and 1980s, the government passed legislation that established a limit on emission of 10,000 parts per million (ppm) for gases defined as volatile hazardous air pollutants (VHAPs).

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Energy Efficiency of Compression Packings in Rotodynamic Pump Applications

Compression packings have suffered from a reputation of being an old-fashioned technology unsuited to modern industrial processes. In the case of rotating equipment, they are largely superseded by mechanical seals. In particular, many believe packings are inefficient because of high frictional losses. Much of this perception is based on outdated products and not on modern types that use sophisticated synthetic yarns combined with complex lubricants.

Click [here](#) to read more.

FSA Appoints New Members to Board of Directors

The Fluid Sealing Association (FSA) is pleased to announce the appointment of Jeff Bernthisel, General Sales Manager at EGC Enterprises, Inc., Chardon, OH, and Carl Jones, Packing Market Specialist at W. L. Gore & Associates, Inc., Coraopolis, PA, to its Board of Directors.

"We are excited to be able to add Jeff and Carl as members to our board," said Mike Shorts, FSA President. "Their extensive industry knowledge and great leadership capabilities will add to our existing bench strength and I am very much looking forward to seeing their positive impact on the association."

Both Jeff and Carl are long standing members of the FSA and currently take leadership roles in many of the association's technical committees and divisions.

Click [here](#) to read more.

FSA Appoints Public Relations Manager

The Fluid Sealing Association (FSA) is pleased to announce the appointment of Charli K. Matthews, Founder and President of Empowering Pumps, LLC, in Tuscaloosa, Alabama, to their newly created Public Relations Manager position.

This position was created to help craft the public voice of the FSA as it continues to take a position as the leading trade association that is recognized and accepted as a Subject matter expert and technical leader that advocates and influences environmental compliance to create and raise standards in technology, safety, quality, and best practices for sealing devices and associated products. And one that Educates in the correct adoption of technology and practices and is a key collaborator with organizations that influence and direct the development of key standards that directly impact the users of sealing devices.

Click [here](#) to read more.



Click [here](#) to visit the website!

2015 Chem Show Celebrates 100 Years of Success

- Showcasing the Latest Technology and Information -

In 1915, International Exposition Company's inaugural Chem Show in New York City aimed to stimulate pharmaceutical, dye and organic chemical manufacturing in the United States.

Over the last 100 years, the exposition's focus has shifted toward showcasing the industry's best practices and latest technological advances, while providing a valuable learning experience for all participants. Next month, show attendees will have another unique opportunity to visit hundreds of exhibits and attend seminars that will highlight the newest trends, products and methods of production in the chemical processing industry (CPI).

Providing a comprehensive offering, the majority of this year's exhibitors (approximately 75 percent) are those responsible for manufacturing the equipment and developing the technology that make today's CPI methods a reality. According to show management, exhibitions well-align with the Chem Show's aim to provide key insight into how to accomplish more in less time and with fewer resources, while immersing attendees in hands-on exposure to the latest trends and technological advancements.

Click [here](#) to read more.

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