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## **CRANE to Showcase Comprehensive Line of Trusted Brands at 2012ACHEMA Exhibition**

Lindau, Germany (April 24, 2012) – CRANE (**Hall 8.0, Stand #C94**) will showcase its extensive line of fluid handling products for the chemical and pharmaceutical industries at the 2012 AICHEMA Exhibition, June 18-22. CRANE will provide informational sessions/demonstrations of several products at its booth throughout the show (schedule to be announced). The range of innovations CRANE will showcase includes the following:

### **WTA® Bellows Sealed Globe Valve**

A new addition to CRANE's product portfolio as a result of the recent acquisition of W.T.Armatur GmbH, the WTA® Bellows Sealed Globe Valve provides the highest fugitive emission protection for use in chemical processing including Chlor-Alkali, Phosgene and Fertilizer applications. One of only four manufacturers globally, WTA® products meet the new Euro Chlor Standard, which defines demanding specifications for Bellows Sealed Globe Valves used for Chlor-Alkali applications. The valve's design features a full safety sealing system enabled by multiple walled bellows, a sealed two-part rising stem, and its satellite coated, conical-shaped piston and seat.

### **Krombach® Specialty Products**

CRANE will also have on display solutions from its Krombach® Specialty Products line. Best known for its unique ability to manufacture large quarter turn valves including fabricated butterfly valves, triple offset valves, and check valves, Krombach®'s valves range in size from 11/4" to 136". These valves are typically used in applications such as steam/water isolations, condenser isolations, cooling tower isolations and seawater isolations, to name a few.

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## **Xomox® Lined Ball Valve (XLB)**

The Xomox® Lined Ball Valve XLB allows users to manage corrosive chemicals through a lined solution that reduces ownership costs in a safe way. Featuring a compact, patented design, it allows for installation in space-restricted areas. This design also promotes longer life performance and lower torque, which translates into reduced actuation costs and space savings. Its innovative stem sealing system provides safety and long term fugitive emission control under extreme conditions. The XLB also features a dynamic body joint design that allows the valve to retain pressure boundary during thermal cycles. The enhanced safety provided by the XLB lies in this single-piece design featuring a second pivoting ball on the stem, which interfaces with a patented SX®-seal, allowing it to handle heavy side-load effects without releasing lateral forces into the stem packing.

## **Saunders® XA Diaphragm**

The Saunders® XA Diaphragm offers increased erosion resistance in both corrosive and abrasive applications, including fertilizer, metals, chemical and mining. The distinctive design of this new diaphragm benefits users by providing enhanced flex life, resulting in reduced down time and improved productivity, thereby equating to a lower cost of ownership. It demonstrates a 25% improvement in elastic recovery, which results in a better sealing performance and reduced emissions, and is considered leak free in accordance with the standards MSS SP-88 and BS EN 12266-1. The Saunders XA Industrial Diaphragm is fully compatible with all existing Saunders IDV [Industrial Diaphragm Valve] product ranges and is available for both new installations and for diaphragm replacements in existing Saunders valves.

## **Saunders®S360 Range of Actuators for Life Science Applications**

Featuring a modular range, this compact, lightweight, piston-type pneumatic actuator delivers optimum dimensional envelope and closure performance. Its full 360° rotation capability allows for flexible installation and air port alignment, and its smooth corrosion-resistant profile optimizes cleanability. This combination of quality performance and hygienic design makes the Saunders®S360 appropriate for sterile BioPharm applications including clean utilities, fermentation and downstream processing.

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## **Saunders® PV Life Science Diaphragm for Passivation Use Only**

Designed specifically for use during passivation of stainless steel systems in Life Science applications, the Saunders® PV Diaphragm is a pragmatic solution for the industry where it is common practice to replace seals and valve diaphragms after passivation. Each is equipped with a high visibility, bright yellow tag that extends outside the valve assembly, indicating that the installed diaphragm is for passivation use only. This cautionary feature reminds end-users of the diaphragm's sole purpose, thus reducing the risk that it will be left in the system after exposure to passivation chemicals and preventing possible contamination from detritus or anodic components becoming embedded in the diaphragm face. The Saunders® PV Diaphragm offers an opportunity to reduce project start up costs, and is 100% interchangeable with the Saunders® Life Science PTFE diaphragm range.

## **Resistoflex® ATL PTFE Advanced Technology Liner.**

Featuring an outer shell protection that delivers superior permeation control up to 450° F, the Resistoflex® ATL meets the most difficult temperature and pressure cycling requirements. Its PTFE liner offers a 60% reduction in permeation rate in aggressive chemical services at elevated temperatures. Other features include a standard configuration that includes a premium paint system, vent couplings and PTFE vent extension for the ultimate in housing protection. This new product line is a cost-effective solution for handling corrosion in severe service applications.

## **Duo-Chek® High Performance Check Valve**

Featuring an innovative dual-plate design, CRANE Energy Flow Solutions®' Duo-Chek® High Performance Check Valve employs two spring-loaded plates suspended on a central vertical hinge pin. The dual plate and flat seat design improves performance and allows for bubble-tight shutoffs and resilient seats. Its independent spring action has a maximum deflection of 140° reduced water hammer, resulting in improved valve response and extended product life.

Additionally, this product recently obtained the Shell Supplier Technical Assessment Record (STAR) level 2 rating, and is now listed in Shell's Technically Accepted Manufacturers & Products (TAMAP) database. It is capable of operating within the

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extreme temperature range of +450 degrees Celsius to -196 degrees Celsius, thus can now be implemented in low and high temperature applications globally, including those in the LNG Cycle, like Liquefaction, Storage and Loading, Ocean Transport, Reception, Storage and Regasification. Other applications for which it is appropriate include: Petroleum Refining, Oil and Gas Production, Petrochemicals, Chemicals, Power Generation, Steel/Primary Metals, Marine, Water and Wastewater, and Pulp and Paper.

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## **About Crane**

*Crane Co. is a diversified global manufacturer of engineered industrial products traded on the New York Stock Exchange (NYSE: CR). Two of its businesses that belong to CRANE's Fluid Handling business segment, CRANE ChemPharma Flow Solutions and CRANE Energy Flow Solutions, are providing highly engineered products for fluid handling applications worldwide.*  
<http://www.craneflowsolutions.com/>

***CRANE ChemPharma Flow Solutions™** designs and manufactures a variety of high performance products including: sleeved plug valves, lined valves, process ball valves, high performance butterfly valves, bellows sealed globe valves, aseptic and industrial diaphragm valves, actuation, lined pipe, fittings and hoses, and air operated diaphragm and peristaltic pumps. Its trusted brands Saunders®, XOMOX®, DEPA®, ELRO®, REVO®, Resistoflex®, KROMBACH®, and WTA® offer customers complete and innovative fluid handling solutions designed for the most demanding corrosive, erosive, and high purity applications within the chemical, biotechnology and pharmaceutical industries.*

***CRANE Energy Flow Solutions®** manufactures and sells highly engineered valves for the Energy sector including Power Generation, Petroleum Refining, Oil & Gas Production & Transport, and Commercial Construction. Its trusted brands include: ALOYCO®, CENTER LINE®, COMPAC-NOZ®, CRANE®, DUO-CHEK®, FLOWSEAL®, JENKINS®, KROMBACH®, NOZ-CHEK®, PACIFIC VALVES®, STOCKHAM®, TRIANGLE®, UNI-CHEK®, CRANE Valve Services and CRANE Nuclear.*