October 13, 2021

10:00 am - 10:30 am

Metal Seated Ball Valves for Abrasive and High Cycle Applications

Today, Industrial Equipment must provide greater efficiency, fugitive emissions protection and longer life. Krombach's new Metal Seated Ball Valve, TUFSEAT Performance Series, was designed and extensively tested to address such needs. Learn about the details and features that produce unparalleled performance in every aspect of the operation of a valve designed for today's world.

Presented by: Glenn Camp, Crane CPE

10:30 am - 11:00 am

Why Learning a Trade in the PVF Industry is For You

A traditional path to college doesn't have to be what you think. Have you ever considered a career in the trades? If you haven't, attend this seminar about how the PVF Roundtable is changing lives in the State of Texas. One of the main goals of the PVF Roundtable is to help raise funds for students to be educated in our industry. They accomplish this through their charitable foundation which has helped raise over $1,000,000 in contributions that have helped offset direct student costs. Learn about the endowment programs through five Texas Colleges/Universities and how you might be eligible.

Presented by: Harold Armstrong, Armstrong-Weatherly

11:00 am - 11:30 am

Control Valve Sealing: Challenges of Low Emissions Sealing

Reducing emissions has become a global initiative that is especially prominent in the United States. Government regulations further pushes this goal of reducing environmental impact. Plant wide consent decrees require companies to control emissions to lower and lower levels. There are many areas affected by these requirements, and control valves are among the more challenging components to address. Often, raising gland loads help reduce emissions; however, this also increases friction. This can be detrimental to control valves, since they require low friction to operate effectively. Braided PTFE packing is an excellent choice for low emission, control valve sealing. If emissions demands are especially stringent, lower emissions levels and greater longevity can be achieved by reducing extrusion and maintaining gland load. These elements are especially important as process temperature increases. In this discussion, a comparison of PTFE packing designs will highlight features that will provide long term, low emission packing solutions.

Presented by: Vance St. Jean & Brittany Kelley, A.W. Chesterton

11:30 am - 12:00 pm

Bridging the knowledge gap in the industrial market through education

Clarissa will discuss recruiting challenges, and her role in designing and implementing training modules that introduce fresh grads or new industry hires with hands-on learning and on site job training.

Presented by: Clarissa Belbas, San Jacinto College

12:00 pm - 12:30 pm

API 622 Packing Construction and its Effect on Performance

Fugitive Emission Packing solutions have evolved since API 622 and ISO 15848-1 were first introduced in 2006. In the beginning, very few suppliers offered packing solutions that met these test standards, and their solutions required high unit load and ultimately high stem friction. Today, while there are many more suppliers offering Fugitive Emissions packing products, packing construction has changed very little, and the issues of unit loading, and stem friction have remained obstacles to peak packing performance. In this presentation we will compare several metal reinforced graphite/PTFE braided packings and also examine a new hybrid technology that addresses both these challenges. The comparison will explore several packing material compositions, as well as the effective loading and friction measurement data of each, in order to educate both valve OEMs and end users about how to find the best solution for their Fugitive Emission packing requirements.

Presented by: Robert Garlock, EGC Enterprises

October 14, 2021

11:00 am - 11:30 am

Digitization of the valve industry: A post-pandemic world

The marketing landscape has changed. Charli K. Matthews will take a deep dive into digital media and marketing tools you can use to grow your business. There are many things you can do with your existing materials/practices as you transition to a digital personality for your brand. We have learned so much connecting with our community via zoom but how does this transfer to business growth. Charli will share what she has learned about collaborating digitally!

Presented by: Charli Matthews, Empowering Brands

11:30 am - 12:00 pm

All PFAS Chemicals are not the same

All PFAS chemicals are not equal and should not be regulated as if they are. Each should be treated differently according to its application and toxicity. Umbrella legislation or regulation against all PFAS could end the use of non-harmful PTFE—a protector of people, the environment, and industrial equipment. These PTFE polymers in their finished form are well studied with no health risks, are corrosion resistant, save energy, increase safety, and allow easy movement of machine elements. These products are used in infrastructure, aerospace, military, power generation and other energy sources, chemical processing, food, and pharmaceutical industries.

In this presentation we will discuss the international and national regulations that could severely hurt many industries. Also we will discuss what the Fluid Sealing association is doing to educate legislators about inclusion of such an important material as PTFE into the wide breath of PFAS chemicals.

Presented by Ron Frisard, Fluid Sealing Association

12:30 pm - 1:00 pm

The Need for Student Financial Assistance in the PVF Industry

Our industries are desperate for skilled workers. Here in Texas, one group is changing that. One of the main goals of the PVF Roundtable is to help raise funds for students to be educated in the PVF industry. The PVF Roundtable accomplishes this through their charitable foundation which has helped raise over $1,000,000 to help offset direct student costs since its inception.

The program is simple, and all earnings/contributions go directly to the students. We are breaking down financial barriers for many students and helping them enter our market without the financial hardship and the costs of training or other higher education. Learn how you can create the same from an industry icon on how creating a platform to help others in your area can help build up our current industry.

Presented by: Harold Armstrong, Armstrong-Weatherly

1:00 pm - 1:30 pm

The Full Port Triple Offset Valve – Where and Why it should be considered

In today's industrial petrochemical production environment, there is greater pressure to increase efficiency, reduce costs, and limit environmental impact. This delicate balance has created a dilemma for valve specifiers: "How to select the best valve for the solution all the while prioritizing throughput, performance and cost." This is most considerable when utilizing modular construction methods whereby the entire structure (and each of its' individual components) are likely sent around the world two to three times before they are finally installed on site. With the advent of the Crane FK-TrieX, valve specifiers now have a greater performance to cost consideration. The Crane FK-TrieX is an authentic Triple Offset Valve (TOV), utilizing all three geometrical offsets, with a twist; full port design.

Presented by: Sai Venkataramani, Crane CPE