Parker EPS Division announces the availability of online training modules on Parker Engineered Materials Group’s Sealing & Shielding Institute.
By way of introduction and background, Parker EMG’s Sealing & Shielding Institute eLearning training program is managed under the Motion Control Institute.

Parker O-Ring Division launched a series of online learning modules in 2013, and continues to add additional content on static sealing principles, Parker O-Ring materials and products and services for a wide range of markets and applications.

Parker EPS Division’s eLearning modules cover dynamic sealing principles which incorporate static sealing basic considerations such as temperature, pressure, operating window, fluid compatibility, hardware configuration, and material performance characteristics. Added thereto, EPS modules tackle multiple, complex considerations at work in a dynamic (linear and rotary motion) systems which include: seal geometry, lip contact shape, friction, motion and flow dynamics, movement speed, velocity, vibration, and both complementary and competing sealing elements.
The intended audience for EMG’s eLearning Training Modules on the Sealing & Shielding Institute includes All Distributor employees and Parker EMG Employees wanting to learn about EPS sealing technologies and products to improve their job performance. For associates requiring training on product and introductory sealing technology principles, eLearning may prove a timely, and cost-effective standard practice for the onboarding process of all global employees.

Links to access the Sealing & Shielding Institute may be found on the left navigation panel of the Distributor 411 site at: www.phconnect.com/EMGDistributors411 or at EPS Division’s online training information site: http://solutions.parker.com/EPS_OnlineTraining
Review the information above to get started. If you are already registered on the Sealing & Shielding Institute, follow the directions to request access to EPS Division’s courses.
Once you are logged in, click on the link in the left navigation pane for the Sealing & Shielding eLearning courses.
Once selected, you will see the course categories for Sealing & Shielding: O-Ring Basics, and Engineered Polymer Systems Division. Click on the link for the EPS Division courses.
There are currently nine modules available for EPS Division. Navigation panels on the left of the screen guide the student on course activities, quizzes and resources. When you expand the Course selection you are provided links to currently available modules.

To begin, proceed sequentially through the modules inasmuch as the principles presented are cumulative; topics previously covered are foundational for subsequent modules.
Each of the courses have uniform content delivery. You will watch a video which introduces clearly defined focus areas and course objectives. If required, you will be directed to review the resources provided in the eLearning Toolbox. Once you have viewed the video, you will proceed to take a quiz to reinforce your understanding of the focus areas and course objectives.
Please read the Frequently Asked Questions regarding EPS Division’s Online Modules:

Question: Do the online modules replace the On-site Product Schools?

Answer: No. The online modules are meant to:

• Permit new (and current) employees to become familiar with basic EPS Division technologies and products without waiting for a formal session or requiring a special visit for personalized training. EPS Division currently offers on-site Product School twice per year -- in the spring and the fall. New employees may now, on their own timeline, cost-effectively launch their own self-paced learning experience, to quickly gain an understanding of the basics and then formalize their training during regularly scheduled sessions.

• Enhance the learning process by establishing a minimum foundation of understanding for in-person attendees at on-site EPS Division Product Schools. For some students, the online modules may be sufficient to satisfy their need for basic understanding of sealing principles and EPS products to enhance job performance.

• Enable students who will continue their education by attending on-site Product School sessions to pick-up where the online learning modules ended -- allowing greater engineering interaction with a deeper dive into product differentiation, case studies, and group problem solving.
Question: Will more modules be added?

Answer: Yes. Current online modules cover dynamic seal design options for linear and rotary applications. Future modules will include:

- Additional rotary sealing modules covering:
  - Rotary seal products, split seals, installation
  - Labyrinth seal technology
  - Rotary shaft seal failure modes
- Materials:
  - Thermoplastics
  - PTFE
  - Clipper® Oil Seal materials
  - Certified materials for Oil & Gas applications
  - Medical grade polyurethane
- Market-focused solutions specific for EPS Division strategic markets
The launch of EPS Division’s eLearning courses will enable us to enhance our On-site Product School training.

With the availability of online training, we’re changing our On-site Product School registration process, as follows:

- Completion of all EPS Division Online Training modules prior to attending On-Site Product School is highly encouraged.
- Attendees who have completed EPS Division Online Training modules will be given first priority for open slots.

Why the change?

- The delivery of online training courses will enable students who will continue their education by attending On-site Product School sessions with EPS Division to pick-up where the online learning modules ended. This will permit greater engineering interaction with a deeper dive into product differentiation, case studies, and group problem solving at EPS Division’s On-site Product school sessions which are held semi-annually.
Please invite your team members to get started with the enrollment process for EPS Division’s eLearning Training modules.
If you have general questions regarding Parker EMG’s Sealing & Shielding Institute, contact: EMGMarketing@parker.com, phone: 216-896-2116.

Thank you for your attention.