



VALVE MANUFACTURERS ASSOCIATION PRESENTS



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Valves & Actuators 101

Tuesday, July 14th, 2015 - 9:00 AM - 5:00 PM

\$495 US
Includes full-day instruction, lunch & snacks, CD + certificate!

1 day prior to the start of Valve World Americas Expo & Conference 2015

- George R. Brown Convention Center - Houston, TX, USA -

A 1-day education program designed to jump-start your career or provide a refresher on valve, actuator and control basics

WHAT TOPICS ARE COVERED?

- Introduction to the Industry: A brief overview of the valve industry, end-user applications, standards, basic piping information, pressure ratings and classes, as well as application issues critical to effective valve application and usage.
- Multi-turn Valves: The different types of gate and globe valves, along with stems, bonnets and other components.
- Check Valves: The unique qualities of check valves, how they work and why correct sizing is critical.
- Pressure-relief Valves: How these important valves do their job and why they play a critical role in plant safety, as well as important maintenance issues.
- Quarter-turn Valves: Plug, ball and butterfly valves, the variations on these valve types and animations that demonstrate just how these valves control flow.
- Actuators: Pneumatic, hydraulic and electric actuators, and the various actions used by actuators, including linear and rotary. Plus, what affects actuator selection.
- Control Valves: The different types and what they do, typical control valve components, and sizing and control valve diagnostics.

WHAT DO ATTENDEES RECEIVE?

- A CD with PDFs of all slides, as well as extensive notes to provide further explanation on the course's content.
- A Certificate of Completion, suitable for framing or for your personnel files.
- Lunch voucher and afternoon drinks & snacks
- Invitation to attend the exhibit hall opening reception of Valve World Americas Expo 2015.

WHO SHOULD ATTEND?

- Employees at plants and facilities that use valves, actuators and controls – especially newcomers to the industry
- Experienced professionals with knowledge of one specific product type but in need of an overview of the entire spectrum of valves, actuators and controls
- Personnel from EPC or AEC firms who are involved with specifying valves
- Distributors and manufacturers' reps who sell these products
- New employees at valve, actuator and control companies
- Companies that provide supplies and services to the industry
- And anyone who could use a refresher course on valves, actuators and controls!

ADDITIONAL INFORMATION

- The cost to attend this 1-day session, which runs from 9 am to 5 pm, is \$495 US.
- For questions, please contact Sarah Bradley at s.bradley@kci-world.com