

Valve Automation

Valve Automation combines the strengths of seven world-recognized brands: Bettis, Dantorque, EIM, EL-O-Matic, FieldQ, Hytork and Shafer into a single unit. We capitalize on more than 100 years of combined experience dedicated to only one thing—controlling and automating valve operation. No one else can offer the breadth of product or the scope of service. As the world's leader in valve automation, we are constantly innovating and improving on the quality of our products and are able to augment our own resources with those of our colleagues in the Emerson organization.

Bettis™, EL-O-Matic™ & FieldQ™ Scotch-Yoke and Rack & Pinion Product Servicing

Course: VA-MEA-201

Course Rate: \$2500

Overview:

This 3 day class provides comprehensive information concerning the installation, operation and maintenance of all Bettis Scotch-Yoke Products, EL-O-Matic & FieldQ Rack & Pinion Products.

Prerequisites:

Involved with the purchase / application / marketing or sales / service of products

Topics:

- Instruction / Maintenance Instruction Manuals
- Product Serial Numbers Review
- Service Procedure Index Review
- General Operating / Maintenance Instructions
- General Servicing information on CBB, CBA-300, G-Series, E-Series and FieldQ Series
- Conversion of Fail Action in G-Series Actuators
- 2 days of practical exercises involving the disassembly / reassembling of Products



Bettis™ & Shafer™ Gas / Hydraulic Product Servicing

Course: VA-MEA-202

Course Rate: \$2000

Overview:

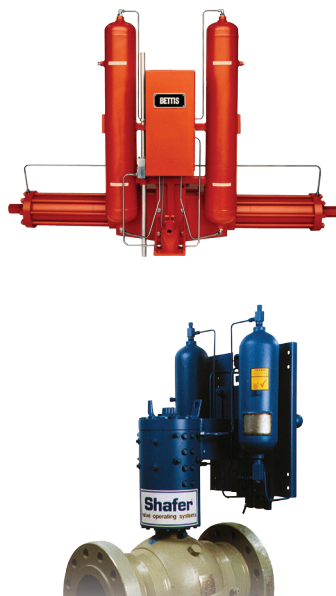
This 2 day course uses classroom style lecturers and hands-on experience with working models concerning the installation, operation and maintenance of Bettis and Shafer Gas / Hydraulic Products.

Prerequisites:

Involved with the purchase / application / marketing or sales / service of products

Topics:

- Gas Hydraulic Actuators
- Gas Hydraulic Control Systems
- Instruction / Maintenance Instruction Manuals
- General Operating / Maintenance Instructions of Actuators and Control Accessories
- General Servicing information
- 2 days of practical exercises involving the disassembly / reassembling of Products



Bettis™ Multiport Flow Selector (MPFS)

Course: VA-MEA-203

Course Rate: \$2000

Overview:

This 1 ½ day course provides information on the Bettis MPFS, principles of operation and hands on experience concerning the installation, operation and maintenance of the product.

Prerequisites:

Involved with the purchase / application / marketing or sales / service of products

Topics:

- MPFS design philosophy
- MPFS assembly overview
- Plug seal components overview
- MPFS disassembly
- MPFS reassembly
 - Bonnet seal change
 - Plug seal change
- Actuator local mode operation
- Actuator remote mode operation
- Actuator communication with DCS
- Port alignment/calibration
- Home port calibration

