

Production and Well Intervention

Reference : CVM-F

Who should attend

- *Instrumentation and
Mechanical Technicians*

Instructors

*Walid HAMIDA
Morched BOUHLEL*

Duration

4 days

Location

Tunis

Language

*French – Technical words in
English*

Fees / trainee (Excluding VAT)

1 350 DT

(6 trainees per session at least)

Overview

This 4 days course explains how valves and actuators function and how they are installed and calibrated. It emphasizes installation, troubleshooting, parts replacement, and calibration of control valves, actuators, positioners and digital valve controllers. Students spend over 50% of their time in hands-on workshops.

Course Content

- Major Loop Components and Their Functions
- Typical process control application: three phase separator
- Standard and symbols
- Valve body material and “end connections “
- Basic valve types and valve characteristics
- Guidelines for valve and actuator selection
- Trim types, material and selection
- Packing types and application Positioners types and application, I/P converter
- Special accessories (booster, SOV, trip valves...)
- Basic Component Symbology
- Valve Selection and Sizing
- Bench Set and Stem Connection
- Accessory Selection and Configuration
- Severe Service Considerations
- Troubleshooting Basics

Walid HAMIDA

Valves and control valves consultant, with 13 years of experience in several Training: Emerson Process Management (Fisher), LESER, Master Flo Mecatork, JC valves

Morched BOUHLEL

Instrumentation Supervisor, 30 years experience with SEREPT, BGT, TOTAL

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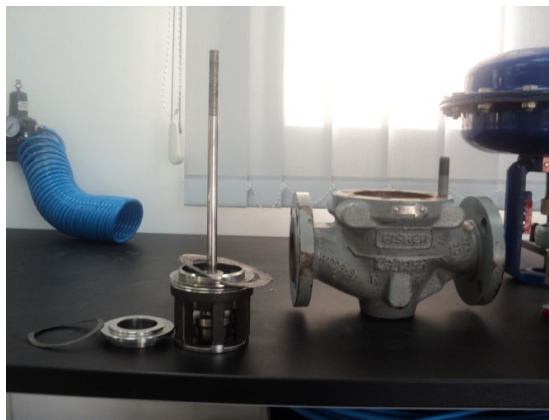
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Practical exercises

-1- valve body/ actuator disassembly: Fisher 2 ‘ ED 667/40



-2- Trim inspection and replacement: Fisher EZ 1 ½ ‘



-3- Packing replacement :



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-4- Actuator Bensch set :



-5- Positioner installation and configuration ‘hart communicator’ :
Fisher DVC6000

