

Production and Well Intervention

Reference : IIPC-F

Who should attend

- *Production Engineers and Technicians*
- *Operators with long experience.*
- *Maintenance Technicians*

Instructors

*Walid HAMIDA
Mohamed BENREKHISSA*

Duration

4 days

Location

Tunis

Language

French – Technical words in English

Fees / trainee (Excluding VAT)

1 200 DT

(8 trainees per session at least)

Overview

This course covers Fundamentals of Instrumentation and Process Control highlights Sensors, transducers, and Smart Transmitters; Temperature, Pressure, Level and Flow Measurement.

Control Valves, on-off valves, pressure safety valves and special valves are treated.

This course explores the critical relationship between instrumentation and distributed control systems (DCS)

Course Content

- Process loop introduction
- Typical application : three-phase separator
- Basis for PID, Guideline in selecting PID structure, Action
- Introduction to loop dynamics, tuning and control
- Control strategy documentation, Flow Sheet, P&ID, Loop Sheet
- Standards and symbols
- Measurements basic transmitter types (pressure, level, temperature & flow)
- Process control terminology and symbols
- Field wiring and communication
- Final elements : control valves
- Safety valves : SDV / BDV
- Pressure safety valves
- Choke valves

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

Mohamed BENREKHISSA

Control and instrumentation engineer, 6 years experience at Emerson Process Management

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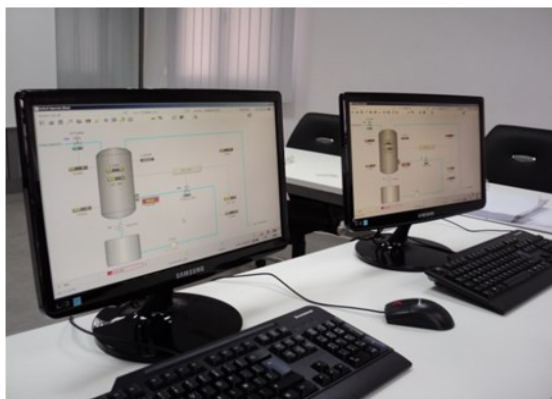
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Process Control Workstation & Delta V DCS :

The process control workstation and DeltaV DCS is used to give the opportunity to students to apply in practice the theory they have learnt



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Didactic and cutaway equipments

Didactic and cutaway equipments engaging participants in the examination of real equipments

