

# Advanced Control Valve Maintenance

## Z IPC-15

### Duration

Three days 18 Hours

### Who should attend?

Instrument, Mechanical design and maintenance engineers  
Technical support engineers and supervisors.



### Language

Arabic , English

### Overview

This course is designed to help valve maintenance staff to understand and apply preventive and predictive maintenance schemes for peak overall control valve performance.

### Topics

- Control valve maintenance schemes :-
- Corrective
- Preventive
- Predictive
- Survey of common control valve problems :-
- Leakage
- Erosion
- Stick slip
- Hysterisis
- Calibration
- Cavitation and flashing
- Control valve dynamic performance parameters :-
- Control valve troubleshooting guide lines
- On line control valve testing
- Control valve testing and analysis software
- Typical case studies
- Typical case studies Analysis of signatures