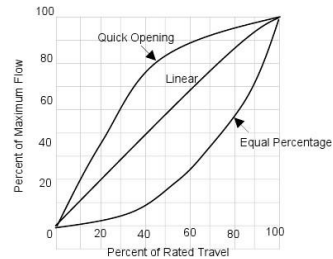


CONTROL VALVE ENGINEERING TRAINING COURSE



This course is meant for engineers, technicians and managers for sizing and selecting control valves, actuators and control valve instrumentation.

DURATION: 4 Days

Overview:

This 4-day course focuses on specifying the right control valve, actuator and accessories to operate through the full range of process conditions. This course covers general applications and emphasizes the sizing and selection methods for a broad variety of control valves and actuators. Select the proper valve characteristic for a given process

Topics covered include the following:

- ✓ *Control loop components*
- ✓ *Typical process control application: three-phase separator*
- ✓ *Standards and symbols*
- ✓ *Valve body material and "end connections"*
- ✓ *Basic valve types and valve characteristics*
- ✓ *Guidelines for valve selection : sliding stem and rotary valves*
- ✓ *Guidelines for actuators selection*
- ✓ *Introduction to the fundamentals of valve sizing*
- ✓ *ISA S 20.50 specification data sheet*
- ✓ *CV, KV calculation and pressure drop consideration*
- ✓ *Trim types, material and selection*
- ✓ *Noise sources, cavitation sources and treatment*
- ✓ *Packing types and application Positioners types and application, I/P converter*
- ✓ *Special accessories (booster, SOV, trip valves...)*