

Course Overview:

To supply the participants with the basic and advanced tools those are used in the operation and maintenance of pressure control valves. Moreover, to help them to select the proper valves types suitable for some selected application and to know how to size and select the valves and perform the mechanical procedures from the first beginning. Several case studies will be available and the participants are highly requested to share these activities for the sake of improving their skills and improve their monitoring techniques.

Course Objective:

The course will educate the participants of preparing the maintenance charts and issue PM (preventive maintenance) programs and write periodic reports of such activities for the project evaluation technique.

Course Outline:

1. INTRODUCTION TO PRESSURE CONTROL VALVE AND VALVE TECHNOLOGY
2. VALVE CONSTRUCTION DETAILS
3. DIAGRAM OF VALVE
4. CHECK VALVES
5. INSPECTION, MAINTENANCE AND TROUBLESHOOTING OF VALVES
6. VALVES OPERATION

Who Should Attend:

Mechanical and Electrical technicians working in the operation and maintenance of different types of valves, those are available in industry.

Training Language:

English

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation