

Learning Topic: Technical (Plant Processes & Operations).

Course Name: Valves and Pipes Technology

Reference Code: PLOP 123

Course Overview:

This course is one of the basic training courses for any operation staff member. The course covers the basic functions of valves & pipes, major types of valves & pipes and their components. It covers how valves operate and the basic maintenance requirements for valves. It also covers pipes and fittings functions, types, rating & sizes.

Course Objectives:

Applying the concepts covered in this training course, delegates will be able to:

1. Describe the basic functions of valves and major types of valves.
2. Describe the major parts of valves.
3. Describe how valves work.
4. Operate valves.
5. Describe maintenance requirements for valves.
6. Basic functions and major types of pipes.
7. Rating and sizes of valves, pipes & pipe fittings

Training Methodologies:

The training methodology is interactive and is suitable for all employees involved in maintenance and operations management enhancing the following:

- Pre-test and Post-test
- Variety of Learning Methods & examples
- Presentation
- Lectures
- Group Work

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Who should attend?

Operation engineers

Operations technicians

Operators

Maintenance technicians

Any interested plant personnel in stores, warehouse, safety, procurement, logistics...etc.

Training Outline:

Day 1:

Course Introduction & Lesson 1: About Valves

Day 2:

Lesson 2: Basic Components of Valves

Day 3:

Lesson 3: How Valves Work

Day 4:

Lesson 4: Operating Valves

Day 5:

Lesson 5: Maintaining Valves, Process Pipes & Course Conclusion

Duration: 5 Days

Venue:

Numbers of hours: 30 Hours

Time: 08:00 AM -02:00 PM

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