

Learning Topic: Technical (Plant Processes & Operations).

Course Name: Basic Instrumentation in the Plant

Reference Code: PLOP 101

Course Overview:

This course is one of the basic training courses for any operation staff member. This course discusses the functions of instrumentation in a process plant. Training in this subject is important because instrumentation provides the tools to monitor, record, and regulate process conditions. Instrumentation enables to maintain control of equipment and the process it serves. This course covers the fundamentals of instrumentation, the major components of instrumentation, how instrumentation systems work, and how to operate and maintain instrumentation.

Course Objectives:

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

1. Describe instrumentation.
2. Describe the major components of instrumentation.
3. Describe how instrumentation systems work.
4. Describe the operation and maintenance of instrumentation systems.

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
- Videos

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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 Instrumentation

Day 2:

Lesson 2: Major Components of Instrumentation

Day 3:

Lesson 2: Major Components of Instrumentation

Day 4:

Lesson 3: How Instrumentation Systems Work

Day 5:

Lesson 4: Operating and Maintaining Instrumentation Systems & Course Conclusion

Duration: 5 Days

Venue:

Numbers of hours: 30 Hours

Time: 08:00 AM -02:00 PM

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