

Learning Topic: Technical (Plant Processes & Operations).

Course Name: Process Tanks & Vessels

Reference Code: PLOP 120

Course Overview:

This course is one of the basic training courses for any operation staff member.

This course explains how tanks and vessels are used in a process. The primary purpose of most tanks and vessels is the containment of fluids, i.e., liquids, gases, and fluidized solids. Tanks are defined as large containers used to store fluids. Vessels are smaller containers used for processing, such as separating, mixing, and performing chemical reactions. Tanks and vessels are chosen based on the specific requirements for their use within the process

The course covers the basic functions of tanks and vessels, the various types of tanks and vessels, and their components. It also covers how tanks and vessels operate and the basic maintenance requirements for them.

Course Objectives:

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

1. Describe the basic functions of tanks and vessels and the common types of tanks and vessels.
2. Describe the major components of tanks and vessels.
3. Describe how tanks and vessels work.
4. Operate tanks and vessels.
5. Describe the maintenance requirements of tanks and vessels

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 Tanks & Vessels

Day 2:

Lesson 2: Basic Components of Tanks & Vessels

Day 3:

Lesson 3: How Tanks & Vessels Work

Day 4:

Lesson 4: Operating Tanks & Vessels

Day 5:

Lesson 5: Maintaining Tanks & Vessels & Course Conclusion

Duration: 5 Days

Venue:

Numbers of hours: 30 Hours

Time: 08:00 AM -02:00 PM

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