

Learning Topic: Technical (Plant Processes & Operations).

Course Name: Process Compressors

Reference Code: PLOP 102

Course Overview:

This course is one of the basic training courses for any operation staff member. This course explains how compressors are used in a process. It explains the principles of how gases are compressed and how three common types of compressors work by using these principles. The course also explains how compressors are safely operated and how an operator helps to maintain them. Training in this is important because compressors are commonly used in the process industry. Knowledge about compressors greatly enhances the understanding of how the process works. This knowledge and understanding is needed to work safely in the plant. This course covers the basic functions of compressors, the common types of compressors, and their components. It also covers how compressors operate, and the basic maintenance requirements for compressors.

Course Objectives:

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

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

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 Compressors

Day 2:

Lesson 2: Basic Components of Compressors

Day 3:

Lesson 3: How Compressors Work

Day 4:

Lesson 4: Operating Compressors

Day 5:

Lesson 5: Maintaining Compressors & Course Conclusion

Duration: 5 Days

Venue:

Numbers of hours: 30 Hours

Time: 08:00 AM -02:00 PM

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