

Learning Topic: Technical (Plant Processes & Operations).

Course Name: Separation Processes

Reference Code: PLOP 119

Course Overview:

This course is one of the basic training courses for any operation staff member. This course explains common separating processes. However, distillation has been excluded because that process is explained in its own Plant Fundamentals Training course. Training in separation is important because the separation of materials is a major function in most processes. Knowledge of how separation works, and the principles used in the process is needed for safe work. This knowledge is also needed to efficiently maximize both the quality and the production of the products made. This course covers how different fluids and solid particles are separated, the components of the equipment used, how they work, and how they are operated

Course Objectives:

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

1. Describe common methods used for the separation of materials.
2. Describe the major components of separating equipment
3. Describe how separating equipment works
4. Describe how separating equipment are operated

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 Separation

Day 2:

Lesson 2: Major Components of Separating Equipment

Day 3:

Lesson 3: How Separating Equipment Works

Day 4:

Lesson 3: How Separating Equipment Works & Lesson 4: Operating Separating Equipment

Day 5:

Lesson 4: Operating Separating Equipment & Course Conclusion

Duration: 5 Days

Venue:

Numbers of hours: 30 Hours

Time: 08:00 AM -02:00 PM

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