

TRAINING TITLE

OIL RECEIVING AND SEPARATION FOR OPERATOR

Training Duration

5 day

Training Venue and Dates

Ref. No. PE201	Oil receiving and separation for operator	5	30 June- 04 July 2025	\$5,500	DUBAI, UAE
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In any of the 4 or 5-star hotels. The exact venue will be informed later.

Training Fees

- \$5,500 per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch

Training Certificate

Define Management Consultants Certificate of course completion will be issued to all attendees.

TRAINING DESCRIPTION

This course focuses on the processes involved in the receiving, handling, and separation of crude oil at production facilities. Operators will learn how to manage oil receiving systems, operate separators efficiently, and ensure that separation processes meet the required standards for both quality and safety.

TRAINING OBJECTIVES

By the end of the course, participants will be able to understand

- Understand the principles and processes of oil receiving and separation.
- Learn how to operate and maintain oil receiving equipment.
- Gain knowledge of different types of separation processes (e.g., mechanical, chemical).
- Learn how to monitor and troubleshoot oil separation systems.
- Ensure compliance with safety and environmental regulations during operations.

WHO SHOULD ATTEND?

- Operators and technicians working in oil receiving and separation systems.
- Maintenance engineers and operators involved in oil production and processing.
- Safety officers and supervisors in oil and gas facilities.
- Anyone interested in learning about oil receiving and separation processes.

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TRAINING METHODOLOGY

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivating everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work& Practical Exercises
- 20% Videos& General Discussions

COURSE PROGRAM

Day 1: Introduction to Oil Receiving Systems

- Overview of oil receiving operations in production facilities
- Types of oil receiving systems: Truck, pipeline, marine, etc.
- Equipment used in oil receiving: Pumps, pipelines, storage tanks
- Safety considerations when receiving crude oil

Day 2: Principles of Oil Separation

- Basic principles of oil separation: Gravity separation, mechanical separation, and filtration
- Role of separators in oil production facilities
- Types of separators: Two-phase and three-phase separators
- Factors affecting separation efficiency (temperature, pressure, flow rate)

Day 3: Operation of Separators

- Operating a two-phase and three-phase separator
- Managing flow rates and pressure settings in separators
- Ensuring effective separation of oil, gas, and water
- Adjusting and maintaining separation equipment to improve performance

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Day 4: Troubleshooting and Maintenance of Oil Separation Systems

- Common operational issues in oil receiving and separation
- Troubleshooting techniques for separators and related systems
- Routine maintenance tasks for oil receiving and separation equipment
- Preventing and addressing common issues like emulsions and foaming

Day 5: Safety and Environmental Considerations

- Safety protocols in oil receiving and separation operations
- Handling hazardous materials and managing oil spills
- Environmental regulations and best practices for waste management
- Emergency response procedures and risk management

NOTE:

Pre- & Post Tests will be conducted.

Case Studies, Group Exercises, Group Discussions, Last Day reviews, and assessments will be carried out.

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