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TANK FARM OPERATIONS AND PERFORMANCE

Start Date:	19/04/2027	**End Date:**	23/04/2027
Categories:	Oil & Gas	**Venues:**	Madrid
Formats:	In Person	**Instructors:**	

OVERVIEW

This course provides a comprehensive overview of tank farm operations, focusing on best practices for efficiency, safety, and performance optimization. Participants will gain insights into the critical aspects of managing and maintaining tank farm assets, ensuring regulatory compliance and operational excellence.

OBJECTIVES

By the end of this course, participants will be able to: – Understand the fundamental principles of tank farm design, construction, and maintenance. – Identify key operational parameters and performance metrics for tank farms. – Apply safety protocols and environmental regulations relevant to tank farm operations. – Evaluate and implement strategies for optimizing tank farm efficiency and reliability. – Recognize common operational challenges and develop mitigation strategies.

COURSE OUTLINE

1- Tank Farm Fundamentals and Design 2- Operational Procedures and Monitoring 3- Safety, Health, Environment, and Security (HSSE) in Tank Farms 4- Performance Metrics and Optimization Strategies 5- Maintenance and Integrity Management

TARGET AUDIENCE

Operations managers, terminal supervisors, maintenance engineers, safety officers, and personnel involved in the management and operation of bulk liquid storage tank farms.

METHODOLOGY

The course will utilize a blend of lectures, case studies, interactive discussions, and practical exercises to cover the core concepts of tank farm operations and performance.

CONCLUSION

Upon completion of this course, participants will be equipped with the knowledge and skills to effectively manage tank farm operations, enhance performance, and ensure a safe and compliant

working environment.

DAILY AGENDA

Day 1: Tank Farm Basics

Introduction to tank farm concepts, including types of tanks, materials of construction, and basic layout considerations. Covers fundamental principles of liquid storage and handling.

Day 2: Operational Processes

Detailed examination of daily operational procedures such as receiving, storing, and dispatching products. Focuses on inventory management and flow control.

Day 3: HSSE regulations

In-depth review of HSSE regulations, risk assessment matrices, emergency response planning, and environmental protection measures specific to tank farms.

Day 4: Performance Monitoring

Exploration of key performance indicators (KPIs) for tank farms, including throughput, energy efficiency, and product loss. Discusses data analysis tools and reporting.

Day 5: Maintenance and Future Trends

Overview of preventative and corrective maintenance strategies, tank integrity management, and emerging technologies impacting tank farm operations.

For more information, please contact us:
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