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PREVENTIVE MAINTENANCE FOR ROTATING AND STATIC EQUIPMENT

Start Date:	22/02/2027	**End Date:**	26/02/2027
Categories:	Engineering & Maintenan	**Venues:**	London
Formats:	In Person	**Instructors:**	

OVERVIEW

This course covers the planning and execution of preventive maintenance programs for rotating and static equipment in oil & gas plants. It enhances skills in scheduling, inspections, checklists, and failure prevention.

OBJECTIVES

By the end of this course, participants will be able to: • Plan and conduct preventive maintenance on critical equipment. • Develop inspection checklists and execution routines. • Recognize early warning signs of failure in pumps, compressors, and tanks. • Align PM programs with asset criticality and lifecycle cost. • Improve plant availability and reliability through PM systems.

COURSE OUTLINE

1. Introduction to Preventive Maintenance Principles 2. PM for Rotating Equipment (Pumps, Compressors, Turbines) 3. PM for Static Equipment (Vessels, Heat Exchangers, Piping) 4. Inspection Techniques, Checklists, and Reporting 5. PM Program Optimization and Scheduling

TARGET AUDIENCE

Maintenance engineers, field technicians, plant supervisors, and asset integrity teams working on mechanical systems.

METHODOLOGY

Technical inspections, PM simulations, maintenance planning labs, and field reporting sessions.

CONCLUSION

Participants will strengthen preventive maintenance capabilities to extend equipment life and reduce unplanned downtime.

DAILY AGENDA

Day 1: PM Strategy and Equipment Overview

Basics of PM and overview of rotating/static equipment functions.

Day 2: Rotating Equipment Maintenance

Best practices for maintaining pumps, motors, and compressors.

Day 3: Static Equipment Maintenance

Maintaining pressure vessels, piping, and exchangers.

Day 4: Checklists and Condition Monitoring

Developing inspection routines and data interpretation.

Day 5: PM Program Implementation

Integrating PM into planning systems and optimizing task frequency.

For more information, please contact us:
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