

STORAGE TANK INSPECTION, CLEANING & MAINTENANCE

Start Date:	30/11/2026	End Date:	04/12/2026
Categories:	Engineering & Maintenance	Venues:	Barcelona
Formats:	In Person	Instructors:	

OVERVIEW

This course covers inspection, cleaning, and maintenance of storage tanks, with an emphasis on integrity assessments, cleaning procedures, regulatory compliance, and safety.

OBJECTIVES

By the end of this course, participants will be able to:

- Plan and execute storage tank inspections per industry standards.
- Apply cleaning procedures including de-sludging and degassing.
- Evaluate corrosion, settlement, and bottom integrity.
- Manage tank repair planning and safety procedures.
- Ensure regulatory and API 650/653 compliance.

COURSE OUTLINE

1. Storage Tank Types and Operational Hazards
2. Inspection Scheduling, Methods, and API 653 Guidelines
3. Cleaning Procedures and Waste Handling
4. Repair Planning and Documentation
5. Regulatory Compliance and Case Studies

TARGET AUDIENCE

Tank inspectors, HSE officers, maintenance planners, and asset integrity professionals responsible for aboveground storage tanks.

METHODOLOGY

Tank model walkthroughs, case reviews, safety briefings, inspection planning exercises.

CONCLUSION

Participants will be equipped to ensure the safe, compliant, and efficient management of storage tank integrity programs.

DAILY AGENDA

Day 1: Tank Design and Hazards

Understanding tank configurations, failure modes, and hazards.

Day 2: Inspection Techniques

Visual, UT, MFL, settlement checks and inspection frequencies.

Day 3: Cleaning and Decontamination

De-sludging, degassing, confined space safety and waste handling.

Day 4: Maintenance and Repairs

Bottom repair, shell patching, and documentation best practices.

Day 5: Regulatory and Compliance Review

API 650/653, local regulations, and reporting protocols.

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