

Course Overview:

In this course you will gain an understanding of the storage tank management system, design, material and fabrication aspects of tank construction with respect to repair or restrictions of use after degradation in service.

Also you will understand the principles, output and limitations of inspection methods and techniques.

Course Objective:

This course is designed to cover all definition of storage tanks and safe operation of offloading and loading and measurements.

Course Outline:

- Introduction
- Tank Classification, Types, Construction, Bottoms, Shells And Roofs
- Internal Floating Covers
- Tank Pads
- Bund Walls
- Tank Operation
- Buckling Of Tank Shells
- Operation Of Floating
- Roof Tanks
- Tank Calibration
- Recalibrating Tanks
- Routine Operation
- Volume Measurement- Sampling
- Temperature Measurement In Storage Tanks
- Gravity Measurement
- Determination Of Water And Sediment
- Tank Maintenance
- External Maintenance Of Tanks
- Internal Maintenance Of Tank
- Hazardous Conditions & Safety Procedures
- Explosive Air – vapors Mixtures
- Ignition Sources
- Gases Discharged During Gas – Freeing
- Safety Procedures

Who Should Attend:

Production, Shipment operators, Maintenance staff.

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation