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OIL & GAS EXPLORATION DYNAMIC SIMULATION TRAINING

COURSE CONTENT

- Oil & Gas Simulator Features
 - a) Wells and Inlet Manifolds
 - b) Oil Separation, 3-stage
 - c) Oil Export
 - d) Water Treatment
 - e) Fuel gas
- Utility process system
- Main Process System
- Malfunction of equipment
- Cause and Effect Shutdown System
 - a) Real Time Case Study
 - b) Dynamic Control Schemes
 - c) Start Up and Shutdown Operations
 - d) Overview Displays
 - e) Alarms Displays

ABOUT THIS COURSE

Training courses introduce the basic processes and equipment used in Oil & Gas processing, including Process & Instrumentation Diagrams (P&IDs), oil separators and gas compression.

- Real-time Dynamic Process Simulation
- Well Inlets, Separation, Compression, Export, Glycol Regeneration, Utilities
- Process Start Up, Process Shut Down (Controlled and Emergency)
- Alarm Management, Emergency and Process Shut Down Systems

TARGET GROUP

The course is designed to help train new recruits working in the Oil & Gas exploration.

DURATION

9 days