



Oil & Gas Production (Process) Tecnology

PPO-01-02W

Course Title

Production Process Operations Training for Technicians

Course Duration

2 Weeks

Pre-Requisite

Technicians working in Production Process Operations at various levels

Course Content

- Introduction to the surface production equipment; Gathering system, Separators, Heater treater and Desalter, Storage tanks & Accessory equipment.
- Separation of gas and oil; Stage separation, Determination of optimum pressure for first stage when second stage is atmospheric, Determination of optimum pressures for three- stage separation, Determination of optimum pressures from calculation with equilibrium constants.
- Oil field emulsion & their electrical resolution; Brine in crude oil, Theory of emulsion formation & resolution, Dehydration, Electric dehydrators, Automated dehydration.
- Chemical resolution of petroleum emulsions; The nature of emulsions, Emulsions in the petroleum industry, The chemical resolution process, Operating procedures, Use of heat in chemical treatment, Resolution of oil-in-water emulsions, Principles of emulsion resolution.
- Natural gas and natural gas liquids.
- Fundamentals of corrosion.
- Oil field automation.
- Water injection system.
- Gas injection system.

Certification

Certification by Training Provider

Minimum Delegates Per Course

4

Course Commencing

Available on request

Provider

External Training Provider

Other Courses

Electrical Training
Mechanical Training
Planning & Control
Instrumentation
Driver Training
Health & Safety
Computer Skills Training
English Language Course



Cert No. 6157

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