

COURSE TITLE: OIL & GAS PRODUCTION AND PROCESSING (CODE 3.4)

Location: *At Client training facilities or external venues*

Duration: *5 days*

Language: *English (other languages upon request)*

Course description: *This course will give the attendees the opportunity to acquire the knowledge and explain field treatment of oil and gas streams and processes technology. The course will describe in detail oil and gas field processing operations, plant facilities utility systems and production procedures. Produced water treating and water injection systems are also covered*

Audience: *Engineers working in the area of Reservoir Engineering, Production Technology and Operation, and Production Managers which are interested in increasing their knowledge by gaining a broader view of production constraints and factors which improve fields productivity.*

Course contents: *Petroleum production systems
Oil and gas gathering systems
Gas-liquid separation
Oil-water separation
Oil treating: desalting, stabilization and sweetening
Oil storage and vapor recovery
Gas treating: dehydration, sweetening, condensate removal
Sand, wax, asphaltenes, and scale
Pipeline transportation of crude oil and natural gas
Pumps, compressors
Produced water treatment and disposal
Production plant utilities
Production operation monitoring*