

COURSE TITLE: MECHANICAL MAINTENANCE (CODE 4.1)

Location: *At Client training facilities or external venues*

Duration: *3 days*

Language: *English (other languages upon request)*

Course description: *This course will provide participants with the knowledge of the mechanical maintenance environment (valves, pumps, compressors, gas/diesel engines). Participants will know the main types of machinery (static and rotating), the way to identify the different problems associated with them, the most efficient way to analyze problems related to their use in oil and gas production plants.*

Audience: *Engineers, technicians and system operators involved in general mechanical maintenance in the oil and gas production/storage facilities*

Course contents: *Introduction to maintenance and maintenance engineering
Static equipment: pressure vessels, heat exchangers
Types of valves and actuators
Rotating equipment: pumps and compressors
Gas and diesel engines: characteristics, functioning and relative auxiliary systems*