

Oil and Gas Engineering Courses

1. Surface Production Operations-basic / Advanced (Oil wells, Separation, oil treatment, oily produced water treatment, Gas dehydration and sweetening, compressors, utility system).
2. Flare and disposal systems operation & troubleshooting.
3. Process plant start-up, commissioning, and troubleshooting
4. Operation of Process Equipment (Fired Heaters, Heat Exchangers, Air Coolers, Piping, Pumps, Compressors, and Process Control & Troubleshooting).
5. Advanced Distillation; Operation, Control, Design and Troubleshooting
6. Heat Exchanger Design, Operation & Maintenance of Heat Exchanger
7. Process plant startup, commissioning and troubleshooting course
8. Troubleshooting Process, Operation & Solving Problem
9. Reports for the Evaluation of Oil Production.
10. Process Plant Optimization technology & continuous Improvement
11. Well Head Design & Selection H2s, Sour Gas Compatible Material X-Mas Tree Training
12. Electrical Submersible Pumping (ESP) Operations, Design & Troubleshooting
13. Sucker Rod Pumping system; Application, Operation , Troubleshooting and maintenance
14. Well Integrity
15. Risk based inspection techniques and identifying damage mechanisms
16. Oil movement storage and troubleshooting
17. Gas Compression and Foundation
18. Process Engineering Fundamentals Technologies control instrumentation
19. Advanced Stuck Pipe Prevention & Fishing Operation
20. Artificial Lift Surface Equipment
21. Flow Lines, Manifolds, Vessels & Valves [PVV]
22. Gas Compression Train Operations & Maintenance
23. Gas Dehydration [TEG] Principles, Operations & Maintenance
24. Gas Dehydration [Mole Sieve] Operations & Maintenance
25. Gas Contaminants Removal Processing Principles & Practices
26. Acid Gas Removal [AGRU] Operations & Maintenance
27. Gas Fractionation & Separation Operations Principles & Practices
28. Gas Fractionation & Separation Operations & Maintenance
29. Gas Liquefaction [Pressure & Refrigeration] Operations Principles
30. Gas Product Handling, Storage, Transfer & Export Operations
31. Flaring & Venting Operations
32. PIG'ing & Pipeline Operations
33. Operating Integrity Procedures
34. Process Safety Fundamentals
35. Safe Isolation & Reinstatement of Plant & Equipment
36. Pressure Testing & Leak Detection
37. Metering & Measurement Principles & Practices
38. Sampling Techniques Safe Working Practices
39. Chemical Treatment Principles & Practices
40. Gas Processing Chemical Treatment Principles
41. Corrosion Inhibition Chemical Treatment Principles
42. Industrial Water Treatment System & Operations