

GLOBAL EXPERTS INSTITUTE FOR TRAINING.
ISO 9001-2008 TRAINING PROVISION CERTIFIED

Monitor Well Productivity & Flow Line Pressure Safety Valve

Schedule Dates:

Start Date	End Date	Place
18 Feb 2024	22 Feb 2024	Cairo – Hilton Ramsis Hotel

Program Introduction:

Outstanding well performance and lifetime, in addition to flow and trunk line pressure control equipment, are core competencies of the most successful industrial companies. This course is a must if one of your company's goals is to optimize its production rate and maintain the integrity of its assets.

The intent of the course is to train participants in well production optimization, start-up and close-in procedures.

Program Objective:

- ✓ Describe the fundamental tenets of oil and gas properties.
- ✓ Describe the well completion types and BHA.
- ✓ Describe the surface facilities, X-mass tree, choke, HIPPS facility, and WHCP.
- ✓ Describe process control and emergency shutdown philosophies.
- ✓ Examine and analyze the well surface facility's major parameters.
- ✓ Describe the importance of all critical process equipment and parameters.
- ✓ Identify the best or optimum operating condition of the wells.
- ✓ Wells X-mass tree well head maintenance
- ✓ Learn how to reduce emissions by recovering the gases from flares and vents.

Who should attend?

- Wells operations engineers, operators, and supervisors, well head maintenance engineers, and technicians.

Program Outlines

Day One

- Introduction to the oil and gas industry.
- Describe the oil and gas properties (SP, GR, API, density, etc.).
- Describe the different types of wells' downhole completion.

Day Two

- Describe the difference between the wellhead and x-mass tree.
- Describe the different types of wellhead and X-mass trees.
- Describe X-mass tree valves (manual and actuated).
- Integrated operating plan, including well head maintenance and surface routine tests for SCSSV (WHM and SRT) Including: -
 - Well-head maintenance procedure.
 - WHM schedule (3 monthly, 6 monthly, and annual)
 - Downhole SCSSV function test.
 - X-mass tree valves, accepted passing rate.

Day Three

- Describe well-site surface facilities, including the following:
 - Well-head control panel.
 - Choke valve type and size.
 - TK connection.
 - HIPPS system

Day Four

- What is the difference between a flow line and a trunk line?
- Pressure control equipment on the flow line and trunk line.
- Introduction to oil and gas production facilities (separation, dehydration, desalting)
- Sales gas, condensate, and oil specifications.

Day Five




- Process and transmission lines' layers of protection.
- Different types of pressure safety valves.
- Reducing the emissions by recovering the flared gas.

Training Methodology:

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

Cost Quotation in Kuwaiti Dinars

The total cost includes:

-  Instructor(s) expenses
-  Training materials
-  Certification

Total Cost: 1250 KD per Participant
(One Thousand Two Hundred Fifty Kuwaiti Dinar)