

Fundamentals of Oil & Gas Sampling Technique

Introduction:

Oil and gas sampling is a critical process in the petroleum industry used to obtain representative samples from reservoirs, pipelines, or production facilities. These samples are used for analysis to determine the composition, properties, and quality of the hydrocarbons being produced or transported.

Course Objectives:

- Understand Sampling Fundamentals
- Familiarize with Sampling Techniques and Equipment
- Identify Sampling Procedures
- Analyze Samples and Results
- Ensure Safety and Compliance during the sampling process

Who should attend?

- Laboratory Analysts
- Quality Control Personnel
- Health, Safety, and Environment (HSE) Officers
- Pipeline and Facility Operators
- Technicians and productions engineers.

Course Outline:

I. Sampling Techniques

- Bottom-Hole Sampling
- Surface Sampling
- Isokinetic Sampling

EXPERT

EXPERT & PROFESSIONAL EXCELLENCE FOR TRAINING & CONSULTATIONS

II. Types of Samples

- Crude Oil Samples
- Gas Samples
- Water Samples

III. Sampling Equipment

- Sample Cylinders and Bottles:
 - ✓ Pressurized Cylinders
 - ✓ Non-Pressurized Bottles
- Sampling Valves and Probes
- Downhole Samplers

IV. Analysis and Applications

- Reservoir Characterization
- Production Monitoring
- Quality Control
- Environmental Monitoring

V. Challenges

- How to ensure a representative sampling
- Sample Handling and sample preservation
- Safety and compliance of the process

Location	Conrad Hotel
Start Date	14 July 2024
End Date	18 July 2024
Fees Before Discount	3500 \$
Special Discount	20% (To Nominate Four Participants)
Fees After Discount	2800 \$