

€ TRAINING

Midstream Oil and Gas Fundamentals





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Introduction:

This training program provides participants with comprehensive knowledge of the midstream sector's critical aspects. It equips participants with the skills needed to navigate midstream business intricacies, including gathering, processing, transportation, storage, and marketing within the oil and gas industry.

Program Objectives:

At the end of this program, participants will be able to:

- Gain an understanding of midstream assets and the midstream business.
- Explain midstream gathering and processing operations.
- Learn about pipeline infrastructure, control, and safety measures.
- Apply knowledge of storage and transportation in the oil and gas industry.
- Develop skills in marketing and trading within the oil and gas sector.

Targeted Audience:

- Engineering Personnel.
- Operation Management professionals.
- Drilling Managers, Project Managers, Planning Managers.
- Financial Managers, Contract Managers, Supply chain Managers.
- Marketing Professionals.
- Team Leaders.

Program Outlines:

Unit 1:

Midstream Overview:

- What is Midstream?
- Midstream asset and product flow.

- Midstream market environment.
- The key midstream business characteristics.
- The components of the midstream business.

Unit 2:

Midstream Facilities:

- Crude oil gathering.
- Natural gas gathering.
- Gas plant.
- Gas processing.
- Sales gas specifications.

Unit 3:

Pipeline Infrastructure:

- Pipelines.
- Pipeline terminal.
- Gas Pipelines.
- Liquid pipelines.
- Pipeline management, control, and safety.

Unit 4:

Storage and transportation:

- Storage oil facilities and operations.
- Storage natural facilities and operations.
- Pipelines transport.
- Rail transport.
- Marine transport.

Unit 5:

Marketing and Trading:

- Crude oil and natural gas marketing.
- Crude Oil and natural gas trading.
- Liquefied natural gas operation and market.
- Evolution of the master limited partnership.
- Midstream trends and forecast.