



GE053: In Depth Understanding Midstream Business





Training Description:

The Midstream sector of the oil and gas industry has a major economic impact on a varied array of people, companies and even countries worldwide. It is a huge, vital sector which successfully handles one of the most difficult logistical challenges in the world.

The midstream sector is one of the three links in the oil and gas value chain, which encompasses companies that work together to help a market operate efficiently. Marketing and trading can maximize the value of its energy resources.

This intensive training will cover primarily gathering, transportation, storage, marketing and trading, in oil and gas midstream.

The course will discuss:

- Midstream asset and midstream business
- Midstream gathering and processing
- Pipeline infrastructure, control and safety
- Storage and transportation
- Marketing and trading

Training Objective:

By the end of the training, participants will be able to:

- ✓ Understanding of midstream asset and midstream business
- ✓ Explain midstream gathering and processing
- ✓ Learning pipeline infrastructure, control and safety
- ✓ Apply storage and transportation in oil and gas
- ✓ Develop marketing and trading in oil and gas

Personal Impact:

- ✓ Master the core competencies of oil and gas midstream
- ✓ Sharpen the business skills in midstream
- ✓ Understanding the importance of pipeline infrastructure
- ✓ Increasing pipeline management, safety and control
- ✓ Enabling more effective storage and transportation
- ✓ Developing marketing and trading in midstream

Organisational Impact:

- ✓ Offers a wider management perspective of midstream business characteristics
- ✓ Maintain and improve midstream assets and infrastructure and the processing, transporting and storing of oil and gas demands
- ✓ Delivering greater value to the organization by the use of more effective midstream performance
- ✓ Maximize efficiency and optimizing cost of the transportation demand
- ✓ Enhance midstream operational and market to maximize the value of energy resources
- ✓ High efficiencies and delivering value to shareholders





Training Designed for:

This course is intended for those professional level or who have responsibility in midstream sector provides an integral link between the upstream and downstream sectors. This course is suitable to a wide range of professionals but will greatly benefit; Engineering Personnel, Operation Management professionals, Drilling Managers, Project Managers, Planning Managers, Financial Managers, Contract Managers, Supply chain Managers, Marketing Professionals and Team Leaders.

Training Program:

DAY ONE:

- ❖ PRE-TEST
- ❖ Introduction
- ❖ **Midstream Overview**
 - What is Midstream?
 - Midstream asset and product flow
 - Midstream market environment
 - The key midstream business characteristics
 - The components of the midstream business

DAY TWO:

- ❖ **Midstream Facilities**
 - Crude oil gathering
 - Natural gas gathering
 - Gas plant
 - Gas processing
 - Sales gas specifications

DAY THREE:

- ❖ **Pipeline Infrastructure**
 - Pipelines
 - Pipeline terminal
 - Gas Pipelines
 - Liquid pipelines
 - Pipeline management, control and safety

DAY FOUR:

- ❖ **Storage and Transportation**
 - Storage oil facilities and operations
 - Storage natural facilities and operations
 - Pipelines transport
 - Rail transport
 - Marine transport

DAY FIVE:

- ❖ **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
- ❖ Course Conclusion
- ❖ POST-TEST and EVALUATION

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request”.

Please note that the above topics can be amended as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

As per the course location - This rate includes participant’s manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:30	Recess (Prayer Break & Lunch)
13:30 - 15:00	Last Session

For training registrations or in-house enquiries, please contact:

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Training & Career Development Department

