

A Successful 3-Day In-house Training Course

FPSO/Floating Production Technology



ISO 29990 : 2010 Certified



ISO 9001: 2015 Certified



This course is Designed, Developed, and Delivered under
ISO 29990:2010 Standards & ISO 9001:2015

FPSO/Floating Production Technology

WHY CHOOSE THIS TRAINING COURSE?

This 3-day training provides attendees with an understanding of FPSOs (Floating, Production, Storage and Offloading), considering main implementation, project and building aspects. It is intended to give a comprehensive overview of the nature and purpose of an FPSO. It will allow the delegates to achieve an overview on FPSOs as well as potentially advancing their own career or business paths.

WHAT ARE THE GOALS?

- To gain a comprehensive overview of the upstream oil and gas facilities associated with onshore, offshore, shallow to ultradeep water depths, FPSO and subsea developments
- To understand how the different components are integrated into full field developments from the wellbore to product export and delivery
- To review the key oil and gas processing requirements based on end user specifications and the effects that fluid contaminants such as wax, asphaltenes, H₂S and CO₂ can have on the processing and development configurations and project costs
- To understand the key stages from project idea, through exploration, development, production and abandonment
- To gain an understanding of field development planning and associated lifecycle cost estimates and schedules required to produce the investment profile, which is the key input for project economic evaluation
- To understand the nomenclature and terminology used in the industry

WHO IS THIS TRAINING COURSE FOR?

- Professionals who want to expand their knowledge of the industry
- Exploration engineers
- Engineers, engineering trainees, technicians
- Project and technical managers
- Geologists, geophysicists, petrophysicists, chemists
- Commercial personnel
- Service company personnel
- Sales representatives
- Other technical disciplines
- Students considering the industry as a career

QUALITY CERTIFICATIONS



Daily Topics

DAY ONE

Introduction

- Course Overview
- The Upstream Industry
- Project Lifecycle & Stages
- Markets & Product Specifications
- Types of Facilities, Fixed, Floating & Subsea
- Shallow, Deep and Ultradeep
- Wells, Dry Trees & Wet Trees
- Artificial Lift
- SURF (Subsea, Flowlines, Umbilicals & Risers)
- Production Facilities
- Export Facilities
- Onshore Reception Facilities

DAY TWO

FPSOs

- Types of FPSOs
- Regional Differences
- Turrets & Swivels
- Risers & Moorings
- Production Facilities
- Offshore Loading
- FLNG

DAY THREE

Subsea and Field Development Planning




- Wells
- Subsea Architecture
- Surf (Subsea, Flowlines, Umbilicals & Risers)
- Control Systems
- Flow Assurance
- Subsea Processing
- Field Development Plan
- Lifecycle Costing
- Economic Analysis
- Course Roundup and Close



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