

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

## Best Practices of Enhanced Oil Recovery (EOR) Projects

### Schedule Dates:

Start Date	End Date	Place
7 Oct	11 Oct 2014	LISBON - POTUGAL – Dom Pedro Lisboa Hotel

### Program Introduction:

Enhanced Oil Recovery (EOR) is a critical component in maximizing the extraction of oil from mature reservoirs. As the global demand for energy continues to rise, the implementation of best practices in EOR projects has become increasingly important to ensure the efficient and sustainable recovery of hydrocarbons. This training course on "Best Practices of Enhanced Oil Recovery (EOR) Projects" is designed to provide participants with a comprehensive understanding of the latest EOR techniques, strategies for optimizing EOR processes, and the challenges associated with EOR projects. Through this course, participants will gain the skills and knowledge needed to enhance oil recovery and improve the economic viability of their EOR projects.

### Course Objectives:

- ✓ Understanding EOR Techniques: Gain an in-depth understanding of the various Enhanced Oil Recovery (EOR) techniques and their applications.
- ✓ Optimization of EOR Processes: Learn how to optimize EOR processes to maximize oil recovery and enhance the efficiency of projects.
- ✓ Challenges and Solutions in EOR: Identify the key challenges in EOR projects and develop strategies to overcome them.
- ✓ Economic Viability: Analyze the economic aspects of EOR projects to ensure their cost-effectiveness and profitability.
- ✓ Sustainability in EOR: Understand the environmental and sustainability considerations in EOR projects.
- ✓ Case Studies and Best Practices: Review case studies of successful EOR projects and identify best practices.
- ✓ Project Management in EOR: Develop project management skills specific to EOR projects, including risk assessment and resource allocation.

### Who should attend?

- Petroleum Engineers
- Reservoir Engineers
- Project Managers in Oil and Gas
- Geologists and Geophysicists
- EOR Specialists
- Operations Managers
- Oil and Gas Consultants
- Technical Staff involved in EOR projects

### Program Outlines

#### *Day One*

- Introduction to Enhanced Oil Recovery (EOR).
- Primary, Secondary, and Tertiary Recovery Techniques.
- Thermal EOR Methods (Steam Flooding, In-situ Combustion).
- Chemical EOR Techniques (Polymer Flooding, Surfactant Flooding).

#### *Day Two*

- Gas Injection Techniques (CO<sub>2</sub> Flooding, Nitrogen Injection).
- Microbial Enhanced Oil Recovery (MEOR).
- Reservoir Characterization for EOR Projects.
- Screening and Selecting EOR Techniques for Specific Reservoirs.

### *Day Three*

- Design and Implementation of EOR Projects.
- Monitoring and Evaluating EOR Performance.
- Challenges in EOR Implementation and How to Overcome Them.
- Economic Analysis and Feasibility of EOR Projects.

### *Day Four*

- Case Studies of Successful EOR Projects Worldwide.
- Environmental Impact and Sustainability in EOR Projects.
- Advanced Technologies in EOR.
- Optimization of EOR Techniques for Maximum Recovery.

### *Day Five*

- Health, Safety, and Environmental Considerations in EOR Projects.
- Innovations and Future Trends in Enhanced Oil Recovery.
- Risk Management in EOR Projects.
- Project Management Strategies for EOR Implementation.

### 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: 1800 KD per Participant**

( One Thousand Eight Hundred Kuwaiti Dinar )