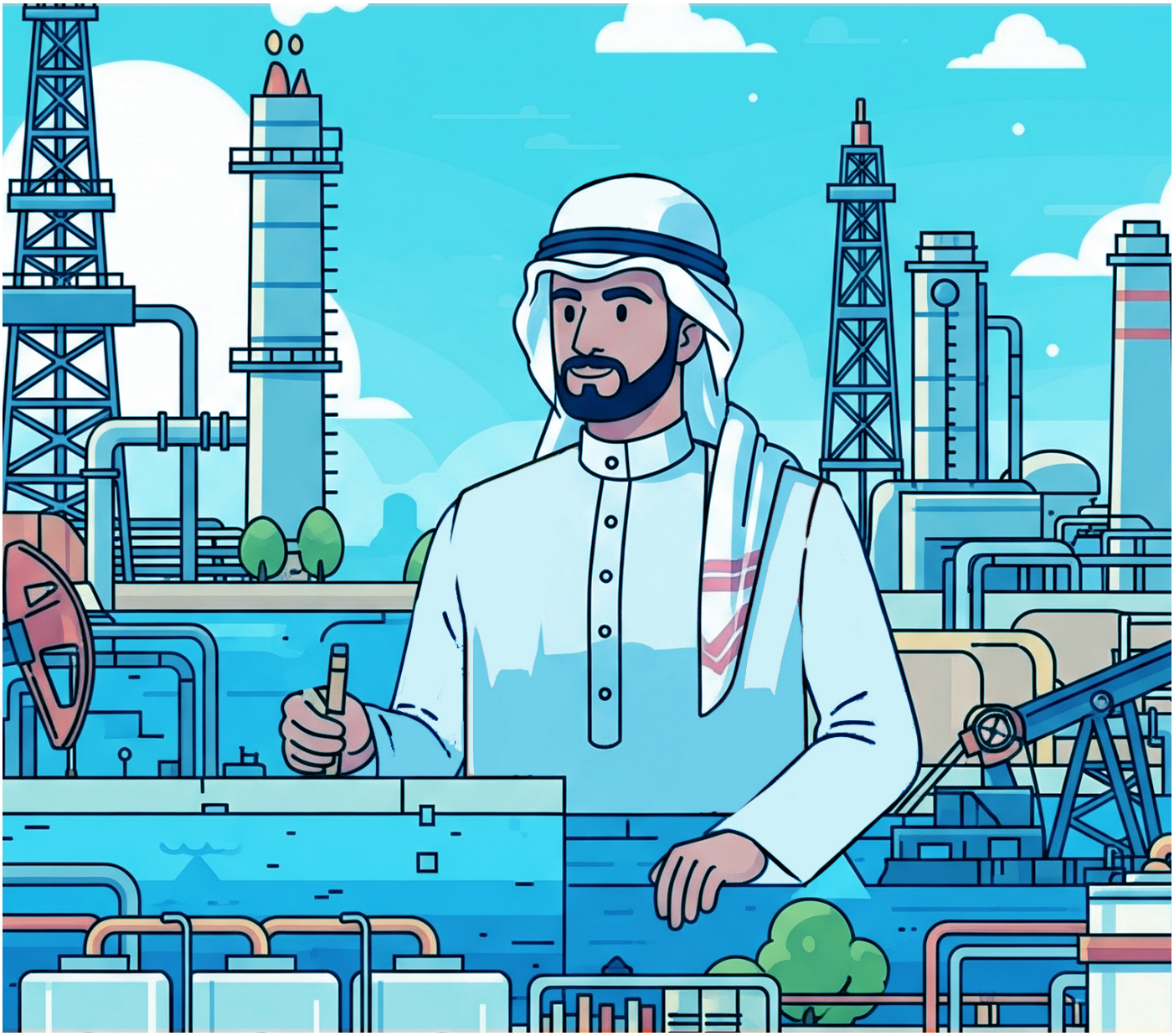
BOOST
THE LEADING TRAINING PROVIDER



Oil, Gas and Chemical

Sand Control & Sand Management

Course Introduction

Sand control and management

Sand control and management are critical in oil and gas production to prevent equipment damage, maintain well integrity, and ensure efficient operations. Uncontrolled sand production can lead to equipment failure, reduced production rates, and increased operational costs. Effective sand control techniques help extend the life of wells and improve production performance. Understanding these techniques is essential for reducing risks and maintaining efficient oil and gas operations.

This training program covers the key aspects of sand control and management, from understanding sand production mechanisms to selecting control methods and optimizing operations. Each day focuses on a core topic with detailed subtopics for practical learning. The program includes interactive discussions, real-world case studies, and practical exercises to help participants apply their knowledge effectively.

Training Course Methodology

This course is designed to be interactive and participatory, and includes various learning tools to enable the participants to function effectively and efficiently. The course will use sessions, exercises, and case applications, and presentation about proven-by-practice methods, new insights and ideas about the topic and its effects in a corporate world.

Target Audience

- Production Engineers
- Reservoir Engineers
- Completion Engineers
- Drilling Engineers
- Field Operators

- Well Intervention Specialists
- Petroleum Engineers
- Operations Managers
- Asset Integrity Engineers
- Maintenance Supervisors

Learning Objectives

- Understand the causes and effects of sand production in oil and gas wells.
- Learn how to select and apply effective sand control techniques.
- Gain skills in designing and implementing sand management strategies.
- Identify and solve common sand-related challenges.
- Optimize sand control operations for better well performance.

Course Outline

- **01 Day One**

  Introduction to Sand Production and Control

  - What is sand production and why it occurs.
  - Impact of sand production on equipment and operations.
  - Overview of sand control methods.
  - Key factors influencing sand production.
  - Identifying sand production risks in different reservoirs.
  - Basic principles of sand control design.
  - Importance of proper sand management for operational efficiency.

- **02 Day Two**

Sand Control Techniques and Selection

- Overview of mechanical sand control methods (gravel packs, screens).
- Chemical sand control solutions and applications.
- Selecting the right technique based on well conditions.
- Factors affecting sand control method selection.
- Design considerations for different sand control systems.
- Cost analysis and decision-making for sand control projects.
- Case studies of successful sand control applications.

- **03 Day Three**

Installation and Implementation of Sand Control Systems

- Pre-installation planning and preparation.
- Step-by-step installation procedures for common techniques.
- Best practices for mechanical system installation.
- Implementing chemical sand control treatments.
- Safety considerations during installation.
- Verifying system integrity and effectiveness post-installation.
- Troubleshooting common installation challenges.

- **04 Day Four**

Sand Management Strategies and Optimization

- Developing a sand management plan.
- Monitoring sand production rates and performance.
- Using data analysis to optimize sand control systems.
- Techniques for minimizing sand production without reducing output.
- Managing equipment wear and maintenance needs.
- Coordinating sand management with other production operations.
- Real-world examples of effective sand management.

- **05 Day Five**

Troubleshooting and Advanced Sand Control Techniques

- Identifying and addressing recurring sand production issues.
- Troubleshooting mechanical and chemical systems.
- Advanced sand control methods for complex reservoirs.
- Applying new technologies for sand monitoring and control.
- Case studies of overcoming difficult sand production challenges.
- Risk management in sand control projects.
- Continuous improvement strategies for sand control systems.

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 9, 2025	June 13, 2025	5 days	4250.00 $	UAE - Dubai
Sept. 8, 2025	Sept. 12, 2025	5 days	4250.00 $	UAE - Abu Dhabi
Dec. 7, 2025	Dec. 11, 2025	5 days	4250.00 $	KSA - Riyadh