



Wellsite Management and Supervision

Course Introduction:

This course is designed to equip participants with the essential skills and knowledge required for effective management and supervision of drilling operations at the wellsite. As the oil and gas industry continues to evolve, the role of wellsite supervisors has become increasingly critical in ensuring operational efficiency, safety, and compliance with industry standards. This five-day theoretical course covers key aspects of wellsite management, including planning, execution, monitoring, and communication.

Participants will explore the challenges involved in coordinating multidisciplinary teams, managing resources, and ensuring adherence to safety protocols during drilling operations. The course will also address the importance of real-time decision-making and problem-solving in dynamic environments. By the end of the course, attendees will be prepared to take on supervisory roles and lead drilling operations effectively while maintaining a focus on safety, efficiency, and environmental stewardship.

Course Objectives:

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

- Understand the principles and significance of wellsite management and supervision.
- Identify and apply various drilling techniques and operations.
- Implement safety and environmental management practices at the wellsite.
- Develop effective communication and coordination skills for team management.
- Optimize drilling performance through data analysis and continuous improvement strategies.

Who Should Attend?

This course is intended for:-

- Wellsite supervisors and drilling engineers.
- Field operations personnel and project managers.
- Safety and environmental officers in drilling operations.
- Geologists and geophysicists involved in drilling projects.

Course Outline:

Day 1: Introduction to Wellsite Management

- Overview of wellsite management and its importance in drilling operations
- Roles and responsibilities of a wellsite supervisor
- Key components of wellsite operations: planning, execution, and monitoring
- Understanding drilling programs and the significance of well design

Day 2: Drilling Operations and Techniques

- Overview of drilling methods and technologies: rotary drilling, directional drilling, etc.
- Equipment and tools used in drilling operations
- Monitoring drilling performance and key performance indicators (KPIs)
- The role of drilling fluids and their management

Day 3: Safety and Environmental Management

- Understanding safety regulations and industry standards
- Risk assessment and management in drilling operations
- Emergency response planning and incident management
- Environmental considerations and best practices in wellsite operations

Day 4: Communication and Team Coordination

- Effective communication strategies for wellsite teams
- Coordinating multidisciplinary teams: geologists, engineers, and contractors
- Reporting and documentation practices
- Conflict resolution and decision-making processes

Day 5: Performance Optimization and Continuous Improvement

- Techniques for optimizing drilling performance and reducing costs
- Utilizing data analytics and technology in wellsite management
- Lessons learned and post-operational reviews
- Future trends in wellsite management and supervision

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work

Course Fees:

To be advice as per course location. This rate includes participant's manual, Hands-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Timings:

Daily Course Timings:

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