

**Training
Course**

**Wireline Service Engineer
Wireline Logging & Perforation
Services**

Course Plan

Introduction

Wireline services are a cornerstone of subsurface data acquisition, well evaluation, and intervention in the oil and gas industry. From open-hole logging to cased-hole perforation, wireline operations require high technical competency and precision to ensure safe, efficient, and accurate service delivery.

This specialized course aims to develop the skills of wireline service engineers in logging and perforation operations, with a focus on industry best practices and Kuwait Oil Company (KOC) standards. Participants will gain both theoretical knowledge and practical insights into tools, data interpretation, operational planning, and safety protocols.

Course Objectives:

- ✓ Understand the principles and applications of wireline logging and perforation.
- ✓ Identify different types of wireline tools and their functions.
- ✓ Execute open-hole and cased-hole logging operations.
- ✓ Operate and troubleshoot wireline units and surface equipment.
- ✓ Plan and perform safe and efficient perforation jobs.
- ✓ Interpret basic log data for formation evaluation.
- ✓ Follow KOC's standards and HSE procedures in wireline operations.
- ✓ Handle high-pressure, high-temperature (HPHT) well conditions.
- ✓ Manage wireline data acquisition, QC, and reporting.
- ✓ Collaborate effectively with drilling, reservoir, and completion teams.

Who Should Attend?

- Wireline engineers and logging technicians
- Well services and intervention engineers
- Logging and perforation supervisors
- Junior field engineers and trainees
- Completion and reservoir engineers
- QA/QC and HSE professionals in wireline operations
- KOC contractors and service providers
- Petroleum engineering students and graduates

Training Methods:

- ✓ Online Video material.
- ✓ Presentation.
- ✓ Live Interactive sessions.
- ✓ Course presenter will make extensive use of all tools that will be needed for the virtual environment.
- ✓ Questions & Answers

Course Outline:

Day One

- Introduction to Wireline Services
- Types of Wireline Operations: Slickline vs. Electric Line
- Wireline Logging Principles and Applications
- Open-Hole Logging Tools and Techniques
- Cased-Hole Logging Tools (CBL, RBT, PLT, etc.)

Day Two

- Formation Evaluation Using Wireline Logs
- Perforation Services: Concepts and Equipment
- Types of Perforating Guns and Charges
- Perforation Design and Depth Control
- Wellsite Preparation and Job Planning

Day Three

- Wireline Unit Components and Maintenance
- Pressure Control Equipment (Grease Injection, BOPs)
- Running and Retrieving Wireline Tools
- Tool String Assembly and Checklists
- Logging Data Acquisition and Real-Time Monitoring

Day Four

- Data Quality Control and Log Interpretation Basics
- Surface Readout (SRO) vs. Memory Logging Systems
- Fishing Operations and Contingency Procedures
- HSE Requirements for Wireline Operations
- Wireline Operations in HPHT Environments

Day Five

- Explosives Handling and Safety Procedures
- Well Integrity Logging and Leak Detection
- KOC Wireline Operation Standards and Compliance
- Post-Job Reporting and Documentation
- Case Studies and Lessons Learned from KOC Fields

Training Details

Course Duration	5 Days
Pre-Schedule	8 – 12 Sept 2025
Venue	London – Double Tree by Hilton Kinsington
Training Fees Per Person	KWD 1800 (One Thousand Eight Hundred Only)
Course Fees Include	<ul style="list-style-type: none"> ✓ Tuition documentation ✓ Curriculum and Training Handout ✓ Five star Lunch ✓ Completion Certificates ✓ Lunch Included