

**Location:** Taaeen/ ADNOC

**Date:** April 2025

**Duration:** 4 Days

**Fee:** English

**Course Title:** OPRC OSR Level 2 (Equivalent to IMO level 2 - 4.03)

### Learning Objectives:

- Enhance operational response capabilities for oil spill incidents.
- Apply tactical response measures in line with international standards.
- Train teams for field-level oil spill mitigation.

### Target Audience:

- Mechanical and process engineers
- Maintenance and reliability professionals
- Plant operators

### Daily Course Outline:

#### Day 1: Fundamentals of Gas Compressors

- Types of gas compressors and their applications
- Thermodynamics of gas compression

#### Day 2: Selection & Design Considerations

- Performance parameters and efficiency factors
- Compressor sizing and selection for various industries
- Piping, layout considerations, and system integration

#### Day 3: Energy Optimization & Maintenance Strategies

- Energy efficiency and optimization techniques
- Common operational issues and failure analysis
- Preventive and predictive maintenance strategies

#### Day 4: Troubleshooting & Practical Applications

- Hands-on troubleshooting scenarios
- Real-world industry case studies
- Best practices for compressor reliability and performance

