Training

Course

Strategic Team Leading in Asset

Integrity & Corrosion Prevention

Skills
International
for Training & Consulting

سكلز
الـدولـيـة
للتدريب والإستشارات

Introduction

This training program is designed to empower team leaders and supervisors in the fields of inspection and corrosion management. The course provides participants with advanced leadership skills, technical knowledge, and strategic approaches to effectively manage inspection teams, enhance asset integrity, and implement proactive corrosion prevention measures. Through practical case studies, leadership simulations, and real-world technical examples, participants will be prepared to lead teams with confidence, ensuring safety, reliability, and operational efficiency.

Course Objectives:

- ✓ Understand the fundamentals of asset integrity management and corrosion mechanisms.
- ✓ Apply leadership strategies tailored for inspection and corrosion control teams.
- ✓ Develop inspection plans aligned with organizational goals and safety standards.
- ✓ Implement effective communication and coordination practices within technical teams.
- ✓ Identify and mitigate corrosion risks using best industry practices.
- ✓ Manage inspection data and transform findings into actionable insights.

✓ Foster a culture of safety, accountability, and continuous improvement.

✓ Integrate digital tools and technologies for corrosion monitoring and reporting.

Who Should Attend?

o Team Leader inspection & corrosion

o Team Leaders & Supervisors in inspection and corrosion management

o Asset Integrity Engineers and Inspectors preparing for leadership roles

o Maintenance and Reliability Engineers

o Project Managers in oil, gas, petrochemical, and power sectors

o Senior Technicians aspiring to leadership positions

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 Asset Integrity Management (AIM)
- Fundamentals of Corrosion: Types, Causes, and Mechanisms
- Industry Standards and Regulations (API, NACE, ISO)
- Roles and Responsibilities of a Team Leader in Inspection
- Building High-Performance Inspection Teams

Day Two

- Communication Skills for Technical Leaders
- Leadership Styles for Technical Environments
- Inspection Planning and Scheduling Strategies
- Risk-Based Inspection (RBI) Principles
- Corrosion Prevention Techniques (Coatings, Cathodic Protection, Inhibitors)

Day Three

- Data Collection and Reporting Best Practices
- Digital Tools for Corrosion Monitoring (IoT, AI, Drones)
- Interpreting NDT (Non-Destructive Testing) Results for Decision-Making
- Root Cause Analysis of Corrosion Failures
- Managing Multidisciplinary Teams (Engineers, Inspectors, Contractors)

Day Four

- Conflict Resolution and Motivation in Technical Teams
- Emergency Response and Safety Leadership
- Case Studies: Lessons from Asset Failures
- Performance KPIs for Inspection Teams
- Aligning Inspection Programs with Business Strategy

Day Five

- Continuous Improvement in Corrosion Management
- Budgeting and Resource Allocation for Inspection Projects
- Reporting to Senior Management and Stakeholders
- Ethical Leadership in Engineering & Inspection Practices
- Developing a Strategic Action Plan for Corrosion Prevention

Training Details

Course Duration	5 Days
Pre-Schedule	25 – 29 Aug 2025
Venue	Sofitel Munich Bayerpost - Germany
Training Fees Per Person	KWD 1500 (One Thousand Five Hundred Only)
Course Fees Include	✓ Tuition documentation ✓ Curriculum and Training Handout ✓ Five star Lunch ✓ Completion Certificates