

Pipeline Integrity Management Overview

Amsterdam (Netherlands)

12 - 16 April 2027

UK Training

PARTNER



Pipeline Integrity Management Overview

Code: OG32 From: 12 - 16 April 2027 City: Amsterdam (Netherlands) Fees: 5900 Pound

Introduction

Pipeline Integrity Management Overview provides a structured framework for ensuring that pipeline systems operate safely, reliably, and efficiently throughout their operational life. This discipline focuses on identifying potential threats, managing risks, and maintaining pipeline performance through systematic evaluation, monitoring, and maintenance activities.

This course is designed for executives, team leaders, and professionals across different departments, as well as early and mid-career employees who are involved in asset oversight, operational planning, quality control, or risk-related decision-making. It supports individuals who require a clear understanding of how pipeline integrity is managed within an organizational context.

The course delivers practical value by translating integrity concepts into actionable practices. Participants gain the ability to understand pipeline risks, reduce operational disruptions, and support informed decisions that contribute to long-term asset reliability and organizational stability.

Course Objectives

This course aims to build practical knowledge and structured understanding of pipeline integrity management through the following objectives:

- Understand the fundamental principles of pipeline integrity management.
- Identify integrity requirements across the pipeline lifecycle.
- Recognize common pipeline threats and degradation mechanisms.
- Apply basic pipeline integrity assessment methods.
- Analyze causes of pipeline failure and leakage.
- Understand the role of maintenance in pipeline integrity.
- Use performance indicators to monitor pipeline condition.
- Support technical and managerial decision-making processes.

Course Outlines

Day One: Fundamentals of Pipeline Integrity Management

- Definition and purpose of pipeline integrity management.
- Differences between pipeline operation and integrity management.
- Key components of a pipeline integrity management system.
- Pipeline lifecycle stages and integrity considerations.
- Roles and responsibilities within the organization.
- Review of simple applied examples.

Day Two: Risk Identification and Threat Assessment



- Overview of pipeline-related risks.
- Internal and external threat categories.
- Methods for identifying integrity threats.
- Evaluation of failure likelihood and consequences.
- Use of risk assessment matrices.
- Practical exercise using a sample pipeline scenario.

Day Three: Maintenance and Performance Monitoring

- Preventive and corrective maintenance strategies.
- Role of maintenance in preventing pipeline failures.
- Monitoring pipeline performance indicators.
- Analysis of historical failure data.
- Relationship between maintenance outcomes and integrity levels.
- Applied case study discussion.

Day Four: Procedures, Systems, and Governance

- Importance of documented integrity procedures.
- Standardization of pipeline integrity processes.
- Management oversight and accountability.
- Change management and its impact on integrity.
- Documentation and reporting requirements.
- Review of structured operational procedures.

Day Five: Evaluation and Continuous Improvement

- Comprehensive review of course concepts.
- Pipeline integrity evaluation tools.
- Identification of gaps and improvement areas.
- Development of practical improvement plans.
- Review of evaluation outcomes.
- Final applied activity.

Why Attend This Course: Wins & Losses!

- Clear and structured understanding of pipeline integrity management.
- Practical content applicable to operational environments.
- Improved risk analysis and decision support.
- Reduced likelihood of pipeline failures and leaks.
- Better coordination between technical and management teams.
- Enhanced pipeline reliability and availability.
- Support for systematic integrity planning.
- Alignment between technical integrity and organizational objectives.

Conclusion

The Pipeline Integrity Management Overview course provides a practical and structured foundation for

PARTNER





understanding how pipeline systems can be managed safely and effectively. The content is designed to balance technical clarity with operational relevance, making it suitable for professionals with moderate experience levels.

By focusing on risk identification, maintenance practices, governance, and continuous improvement, the course supports informed decision-making and improved operational control. Participants gain a clear framework that can be applied to real-world pipeline systems, contributing to safer operations and sustained asset performance over time.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

UK Training

PARTNER



Blackbird Training Clients



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior
Kingdom of Saudi Arabia
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



General Organization for
Social Insurance
KSA



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

UK Training
PARTNER



Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Artificial Intelligence (AI)
Sustainability, ESG & Corporate Responsibility
Advanced Courses
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training

