

# Corrosion, Metallurgy and Failure Prevention Training Course

OGI-1313 · 5 days · 15 CPD hours · English

## Overview

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The Corrosion Metallurgy and Failure Prevention Training Course by [Institute For Oil & Gas Training](#) develops the technical capabilities required to understand corrosion mechanisms, evaluate metallurgical failure, control material degradation, and implement effective failure prevention strategies across oil and gas facilities. Designed for professionals responsible for asset integrity, inspection, maintenance, materials engineering, and operational reliability, this course addresses the gap between identifying material deterioration and making informed engineering decisions that protect equipment, infrastructure, and production continuity.

Corrosion and metallurgical deterioration remain significant asset integrity challenges throughout the oil and gas industry. Production facilities, refineries, petrochemical plants, storage terminals, offshore platforms, and pipeline networks operate under conditions that expose materials to corrosive fluids, elevated temperatures, pressure fluctuations, mechanical loading, and aggressive environmental conditions. When these factors are not properly evaluated, degradation progresses into wall thinning, cracking, loss of mechanical strength, leakage, equipment malfunction, and premature component failure.

The Corrosion Metallurgy and Failure Prevention programme examines the relationship between material selection, metallurgical properties, operating environments, corrosion mechanisms, and equipment performance. It provides a structured approach to recognising degradation patterns, interpreting inspection findings, investigating failures, and selecting suitable prevention and mitigation measures. Participants develop a practical understanding of how material composition, manufacturing processes, fabrication quality, welding practices, and operational conditions influence long-term equipment integrity.

A key focus of the course is the distinction between corrosion-related deterioration and other forms of material failure. General corrosion, pitting, crevice corrosion, galvanic corrosion, erosion-corrosion, microbiologically influenced corrosion, stress corrosion cracking, hydrogen-related damage, and high-temperature degradation each present different challenges. Effective control requires an understanding of the underlying mechanisms rather than reliance on surface observations alone.

Institute For Oil & Gas Training connects these technical principles with asset integrity management and operational decision-making. Participants examine how inspection data, laboratory findings, material specifications, operating histories, and failure investigation reports contribute to a reliable assessment of equipment condition. They also explore how engineering teams translate these findings into maintenance priorities, material replacement decisions, corrosion control programmes, and risk-based interventions.

The course addresses the practical challenges faced by organisations managing ageing infrastructure, changing process conditions, increasingly complex operating environments, and competing maintenance priorities. It emphasises early identification of degradation, appropriate material selection, effective corrosion monitoring,

systematic failure investigation, and the implementation of corrective actions that address underlying causes.

Particular attention is given to the consequences of material degradation for pressure-containing equipment, process piping, pipelines, storage tanks, heat exchangers, pumps, valves, and structural components. Participants learn to assess the interaction between material properties and service conditions, recognise warning signs of deterioration, and determine when further inspection, engineering assessment, or specialist testing is necessary.

The programme also explores the relationship between corrosion control and broader asset management objectives. Corrosion prevention does not operate independently of inspection planning, maintenance strategy, process safety, procurement, and operational discipline. Material selection decisions influence lifecycle expenditure, while ineffective corrosion management increases the likelihood of unplanned shutdowns, emergency repairs, production losses, and equipment replacement.

Through Institute For Oil & Gas Training, professionals strengthen their ability to communicate technical findings across engineering, operations, maintenance, inspection, and management teams. They develop a consistent framework for evaluating material degradation, prioritising failure risks, and recommending practical controls based on evidence.

By the end of the course, participants will be better equipped to connect corrosion mechanisms with equipment performance, investigate metallurgical failure, evaluate preventive measures, and support continuous improvement in asset integrity. These capabilities help organisations maintain reliable operations, improve maintenance planning, and protect the long-term performance of oil and gas assets.

## Objectives

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- Explain the fundamental principles of metallurgy and their relevance to equipment integrity in oil and gas operations.
- Identify common corrosion mechanisms and assess the environmental and operational conditions that influence their development.
- Differentiate corrosion-related damage from mechanical, thermal, fabrication-related, and other metallurgical failure mechanisms.
- Evaluate how material composition, microstructure, manufacturing processes, welding, and heat treatment affect component performance.
- Recognise the causes and characteristics of pitting, crevice corrosion, galvanic corrosion, erosion-corrosion, and other common degradation processes.
- Assess the conditions associated with stress corrosion cracking, hydrogen damage, fatigue, and high-temperature degradation.

- Interpret inspection observations, thickness measurements, non-destructive testing findings, and laboratory results to support engineering assessments.
- Apply structured failure investigation principles to identify root causes, contributing factors, and opportunities for corrective action.
- Evaluate material compatibility and corrosion resistance when reviewing equipment specifications and operating requirements.
- Identify suitable corrosion monitoring, inspection, protective coating, cathodic protection, and mitigation measures for different service conditions.
- Develop practical failure prevention strategies that address degradation mechanisms and reduce the likelihood of recurring equipment damage.
- Integrate corrosion management considerations into maintenance planning, asset integrity programmes, and operational risk assessments.
- Improve technical communication between inspection, engineering, maintenance, operations, and management teams.
- Support evidence-based decisions concerning equipment repair, material replacement, continued service, and further engineering assessment.

## Training methodology

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Institute For Oil & Gas Training delivers the Corrosion Metallurgy and Failure Prevention Training Course through an industry-focused approach that combines technical explanation, practical case studies, structured exercises, and realistic oil and gas operating scenarios. The methodology emphasises the application of engineering principles to equipment integrity challenges rather than theoretical discussion in isolation.

Industry-based case studies examine corrosion damage, cracking, material deterioration, and equipment failures encountered in process facilities, pipelines, storage systems, and rotating equipment. Participants evaluate the circumstances surrounding each case, identify potential degradation mechanisms, and consider how material properties, operating conditions, and maintenance practices contributed to the observed damage.

Failure investigation exercises develop a systematic approach to identifying the causes of component failure. Participants review inspection observations, equipment histories, material information, operating records, and laboratory findings to distinguish immediate failure symptoms from underlying causes. This approach reinforces the importance of evidence-based conclusions and corrective actions that prevent recurrence.

Corrosion mechanism analysis focuses on recognising the characteristics of common degradation processes and understanding the conditions that accelerate them. Participants compare different forms of corrosion and cracking, examine their effects on component integrity, and identify the inspection methods and engineering assessments appropriate to each situation.

Material selection and compatibility scenarios explore the relationship between material composition, process chemistry, temperature, pressure, fabrication, and service requirements. Participants assess the suitability of materials for different operating environments and consider the consequences of inappropriate material selection, incompatible combinations, and inadequate corrosion allowances.

Inspection and diagnostic exercises connect visual observations, thickness measurements, non-destructive testing findings, and material examination results with practical engineering decisions. Participants consider the limitations of individual inspection techniques and learn to identify situations requiring additional investigation or specialist support.

Group-based engineering discussions encourage collaboration between professionals from inspection, maintenance, operations, materials engineering, and asset integrity functions. Participants compare technical interpretations, evaluate possible control measures, and develop recommendations that balance equipment reliability, operational requirements, safety, and lifecycle cost.

Preventive strategy development requires participants to translate their technical assessments into practical action plans. These exercises consider corrosion monitoring, protective systems, operating controls, maintenance interventions, material upgrades, and inspection priorities. The emphasis remains on selecting controls that address the identified degradation mechanism and its contributing factors.

The methodology also incorporates realistic decision-making scenarios involving recurring failures, uncertain inspection findings, changing operating conditions, and competing maintenance priorities. Participants learn to document assumptions, identify information gaps, communicate uncertainty appropriately, and justify engineering recommendations using available evidence.

This delivery approach helps participants transfer course knowledge into their operational responsibilities. It strengthens technical judgement, improves coordination between departments, and supports a more consistent approach to corrosion management and failure prevention across the asset lifecycle.

## **Organisational impact**

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The Corrosion Metallurgy and Failure Prevention Training Course supports organisations seeking to improve equipment reliability, reduce avoidable deterioration, and strengthen the consistency of asset integrity decisions. By developing employees' understanding of degradation mechanisms and failure investigation, Institute For Oil & Gas Training helps organisations address corrosion problems through structured engineering assessments and preventive action.

**Improved equipment reliability:** A stronger understanding of corrosion mechanisms enables personnel to recognise developing damage, identify vulnerable components, and recommend suitable interventions. This supports fewer recurring failures, more dependable equipment performance, and better control of deterioration across critical assets.

**Reduced unplanned maintenance:** Early recognition of material degradation allows maintenance teams to plan inspections, repairs, and replacements more effectively. Better-informed interventions reduce dependence on emergency maintenance and help organisations coordinate work with production requirements and available resources.

**More effective failure prevention:** Systematic investigation of metallurgical failure helps distinguish underlying causes from visible symptoms. Organisations benefit from corrective actions that address material incompatibility, operating conditions, fabrication issues, ineffective protection, or inadequate inspection practices rather than repeatedly treating the same damage.

**Stronger asset integrity management:** Improved technical understanding supports more consistent evaluations of pipelines, pressure vessels, storage tanks, heat exchangers, and process equipment. Engineering teams gain a stronger basis for prioritising inspection findings, recommending repairs, and determining when additional assessment is necessary.

**Better maintenance prioritisation:** Corrosion findings can be evaluated alongside equipment criticality, degradation rates, operating conditions, and potential consequences. This supports more defensible maintenance plans and directs resources towards assets requiring the greatest attention.

**Improved safety and operational risk control:** Loss of containment, structural deterioration, and equipment failure create risks for personnel, facilities, and the environment. Better corrosion management supports early intervention, strengthens hazard identification, and contributes to more reliable operation of pressure-containing and process equipment.

**More informed material selection:** Understanding metallurgy and service compatibility helps procurement and engineering teams evaluate material specifications against actual operating requirements. This reduces the likelihood of inappropriate material choices and supports decisions that account for corrosion resistance, fabrication requirements, maintainability, and lifecycle performance.

**Greater value from inspection programmes:** Personnel who understand the limitations and applications of inspection methods are better positioned to interpret findings and identify information gaps. This improves the connection between inspection results, engineering assessments, and subsequent maintenance decisions.

**Improved lifecycle cost control:** Effective corrosion management supports the reduction of avoidable repair expenditure, premature replacement, production disruption, and emergency work. Organisations can make more informed decisions about preventive maintenance, material upgrades, and asset renewal.

**Stronger cross-functional coordination:** A shared technical understanding of corrosion and material failure improves communication between operations, inspection, maintenance, engineering, and procurement teams. Consistent terminology and evidence-based reporting help departments agree on priorities and implement corrective actions more effectively.

**More consistent technical documentation:** Structured assessment and failure investigation practices improve the quality of inspection reports, engineering recommendations, and corrective action records. This strengthens traceability and provides useful information for future maintenance and integrity reviews.

Organisations can evaluate the effectiveness of these improvements through indicators such as recurring corrosion-related failures, unplanned maintenance hours, emergency repair expenditure, overdue inspection actions, equipment availability, and the time required to close corrective actions. The course establishes the technical foundation for improving these indicators, while actual results depend on implementation, asset conditions, and management support.

## **Personal impact**

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Participants develop practical knowledge that strengthens their contribution to corrosion management, materials engineering, inspection, maintenance, and asset integrity activities.

Enhanced corrosion assessment skills: Participants improve their ability to recognise corrosion mechanisms, interpret damage characteristics, and connect deterioration patterns with the conditions that influence them.

Stronger metallurgical understanding: The course develops an appreciation of how material composition, microstructure, heat treatment, welding, fabrication, and mechanical loading affect component performance. This knowledge supports more informed technical discussions and equipment assessments.

Improved failure investigation capability: Participants gain a structured approach to reviewing evidence, identifying contributing factors, distinguishing symptoms from causes, and recommending measures that address recurring problems.

Better inspection interpretation: Participants strengthen their ability to relate inspection findings to material behaviour and degradation mechanisms. They also develop a clearer understanding of when findings require additional testing, engineering review, or specialist investigation.

More confident engineering decisions: By integrating operating conditions, material properties, inspection evidence, and failure history, participants improve their ability to formulate practical recommendations for repair, replacement, monitoring, and continued service assessment.

Improved preventive maintenance planning: Participants learn to connect corrosion observations with inspection priorities, preventive controls, maintenance interventions, and equipment lifecycle considerations.

Greater awareness of technical standards: Exposure to recognised corrosion, materials, inspection, and fitness-for-service standards improves participants' understanding of how established engineering practices support reliable asset management.

Stronger communication skills: Participants develop the ability to explain technical findings, communicate the significance of material degradation, and present evidence-based recommendations to colleagues and decision-makers.

Broader professional capability: The knowledge gained is relevant to responsibilities in corrosion engineering, materials selection, mechanical integrity, inspection planning, reliability engineering, maintenance management, and technical assurance.

Increased professional contribution: Participants return to their organisations with a clearer framework for identifying degradation risks, supporting failure investigations, evaluating corrective actions, and contributing to continuous

improvement in corrosion management.

## Who should attend

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- Corrosion Engineers: Strengthen corrosion mechanism assessment, mitigation planning, and the evaluation of material degradation in operating environments.
- Materials and Metallurgical Engineers: Improve the application of metallurgical principles to material selection, damage analysis, and failure investigation.
- Asset Integrity Engineers and Managers: Integrate corrosion findings and failure prevention measures into integrity management and lifecycle planning.
- Inspection Engineers and Inspectors: Improve the interpretation of inspection findings and identify degradation mechanisms requiring further assessment.
- Mechanical Engineers: Evaluate material performance, equipment deterioration, and the engineering implications of corrosion-related damage.
- Pipeline Integrity Engineers: Assess corrosion threats affecting pipeline materials, protective systems, and long-term operational reliability.
- Maintenance Engineers and Managers: Develop more effective maintenance interventions based on degradation mechanisms and equipment failure history.
- Reliability Engineers: Investigate recurring equipment failures and identify opportunities to improve reliability through preventive engineering measures.
- Quality Assurance and Quality Control Professionals: Strengthen their understanding of material specifications, fabrication quality, welding considerations, and material-related defects.
- Welding Engineers and Welding Inspectors: Understand how welding procedures, heat input, microstructural changes, and fabrication practices influence material integrity.
- Plant and Production Engineers: Recognise how operating conditions and process chemistry contribute to corrosion and equipment deterioration.
- Operations and Maintenance Supervisors: Improve the identification and escalation of corrosion concerns and support timely corrective action.

- Technical Authorities and Engineering Consultants: Strengthen technical reviews of corrosion assessments, failure reports, and material selection recommendations.
- Procurement and Materials Management Professionals: Improve collaboration with engineering teams when evaluating material specifications and service compatibility.
- HSE and Process Safety Professionals: Develop a clearer understanding of how corrosion-related deterioration contributes to loss-of-containment hazards and operational risk.
- Technical Superintendents and Department Heads: Improve oversight of corrosion control programmes, maintenance priorities, and failure prevention initiatives.
- Early-Career Engineers and Technical Specialists: Establish a practical foundation in corrosion mechanisms, metallurgy, inspection interpretation, and equipment failure prevention.

## Course outline

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### **Metallurgy Fundamentals and Material Performance**

This module establishes the metallurgical foundation required to evaluate material behaviour in oil and gas service. Participants examine how chemical composition, microstructure, mechanical properties, manufacturing processes, and heat treatment influence the performance of metallic components exposed to demanding operating environments.

The module connects material characteristics with practical equipment integrity considerations. Participants explore how inappropriate material selection, fabrication defects, welding-related changes, and service conditions contribute to premature deterioration. Emphasis is placed on recognising material vulnerabilities and using engineering documentation to support appropriate integrity decisions.

### **Corrosion Mechanisms and Environmental Degradation**

This module examines the electrochemical, chemical, and environmental processes responsible for corrosion in oil and gas facilities. Participants explore how process fluids, moisture, temperature, contaminants, flow conditions, and material combinations influence corrosion initiation and progression.

The module compares general corrosion, pitting, crevice corrosion, galvanic corrosion, erosion-corrosion, and microbiologically influenced corrosion. Participants also consider the significance of carbon dioxide, hydrogen sulphide, chloride exposure, and other service-specific factors when evaluating corrosion threats. The focus is on identifying the mechanisms most relevant to particular assets and understanding how their characteristics inform inspection and mitigation strategies.

### **Metallurgical Failure and Damage Mechanisms**

This module focuses on the identification and assessment of metallurgical failure in equipment operating under demanding process conditions. Participants examine how mechanical stress, material properties, temperature, hydrogen exposure, fabrication practices, and environmental conditions contribute to cracking, embrittlement, fatigue, and other forms of damage.

The module develops a structured understanding of failure characteristics and their underlying causes. Participants explore how fracture surfaces, crack morphology, material condition, operating history, and inspection evidence contribute to a reliable technical assessment. The emphasis is on distinguishing corrosion-related damage from other mechanisms and identifying the conditions responsible for component failure.

### **Corrosion Control, Material Protection and Mitigation**

This module examines the engineering measures used to prevent corrosion, control degradation, and preserve the integrity of oil and gas assets. Participants evaluate the suitability of material selection, protective coatings, cathodic protection, corrosion inhibitors, environmental controls, and operating adjustments for different service conditions.

The module also considers the importance of inspection and monitoring in determining whether preventive measures remain effective. Participants explore how corrosion control programmes integrate with maintenance planning, process monitoring, equipment design, and asset integrity management. The emphasis is on selecting measures that address the underlying mechanism and remain appropriate throughout the operating lifecycle.

### **Failure Investigation, Integrity Assessment and Prevention Planning**

This module brings together metallurgical knowledge, corrosion mechanism assessment, inspection interpretation, and mitigation planning within a structured failure prevention approach. Participants examine how engineering teams investigate equipment damage, establish contributing factors, evaluate the significance of findings, and determine appropriate corrective actions.

The module explores the application of fitness-for-service principles to damaged equipment, including the need to establish the damage type, assess its extent, and determine whether additional engineering evaluation is necessary. Participants also consider how failure investigation results inform maintenance planning, equipment repair, material replacement, and continuous improvement. The focus is on translating technical findings into practical measures that reduce the likelihood of recurrence.

### **Scheduled dates**

| <b>Dates</b>     | <b>Venue</b>                    | <b>Format</b> | <b>Fee</b> |
|------------------|---------------------------------|---------------|------------|
| 02 - 06 Nov 2026 | Abu Dhabi, United Arab Emirates | In person     | £4,300     |
| 02 - 06 Nov 2026 | Abuja, Nigeria                  | In person     | £4,300     |
| 02 - 06 Nov 2026 | Accra, Ghana                    | In person     | £4,300     |
| 02 - 06 Nov 2026 | Addis Ababa, Ethiopia           | In person     | £4,300     |
| 02 - 06 Nov 2026 | Al Ain, United Arab Emirates    | In person     | £4,300     |

| Dates            | Venue                       | Format    | Fee    |
|------------------|-----------------------------|-----------|--------|
| 02 - 06 Nov 2026 | Al Khobar, Saudi Arabia     | In person | £4,300 |
| 02 - 06 Nov 2026 | Alberta, Canada             | In person | £4,300 |
| 02 - 06 Nov 2026 | AlUla, Saudi Arabia         | In person | £4,300 |
| 02 - 06 Nov 2026 | Amman, Jordan               | In person | £4,300 |
| 02 - 06 Nov 2026 | Amsterdam, Netherlands      | In person | £4,300 |
| 02 - 06 Nov 2026 | Athens, Greece              | In person | £4,300 |
| 02 - 06 Nov 2026 | Baku, Azerbaijan            | In person | £4,300 |
| 02 - 06 Nov 2026 | Barcelona, Spain            | In person | £4,300 |
| 02 - 06 Nov 2026 | Berlin, Germany             | In person | £4,300 |
| 02 - 06 Nov 2026 | Boston, United States       | In person | £4,300 |
| 02 - 06 Nov 2026 | Brussels, Belgium           | In person | £4,300 |
| 02 - 06 Nov 2026 | Budapest, Hungary           | In person | £4,300 |
| 02 - 06 Nov 2026 | Cairo, Egypt                | In person | £4,300 |
| 02 - 06 Nov 2026 | Cape Town, South Africa     | In person | £4,300 |
| 02 - 06 Nov 2026 | Casablanca, Morocco         | In person | £4,300 |
| 02 - 06 Nov 2026 | Dammam, Saudi Arabia        | In person | £4,300 |
| 02 - 06 Nov 2026 | Dhahran, Saudi Arabia       | In person | £4,300 |
| 02 - 06 Nov 2026 | Doha, Qatar                 | In person | £4,300 |
| 02 - 06 Nov 2026 | Dubai, United Arab Emirates | In person | £4,300 |
| 02 - 06 Nov 2026 | Edinburgh, United Kingdom   | In person | £4,300 |
| 02 - 06 Nov 2026 | Edmonton, Canada            | In person | £4,300 |
| 02 - 06 Nov 2026 | Frankfurt, Germany          | In person | £4,300 |
| 02 - 06 Nov 2026 | Geneva, Switzerland         | In person | £4,300 |
| 02 - 06 Nov 2026 | Houston, United States      | In person | £4,300 |
| 02 - 06 Nov 2026 | Istanbul, Turkey            | In person | £4,300 |
| 02 - 06 Nov 2026 | Jakarta, Indonesia          | In person | £4,300 |

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|------------------|------------------------------|-----------|--------|
| 02 - 06 Nov 2026 | Jeddah, Saudi Arabia         | In person | £4,300 |
| 02 - 06 Nov 2026 | Jubail, Saudi Arabia         | In person | £4,300 |
| 02 - 06 Nov 2026 | Khamis Mushait, Saudi Arabia | In person | £4,300 |
| 02 - 06 Nov 2026 | Kigali, Rwanda               | In person | £4,300 |
| 02 - 06 Nov 2026 | Kuala Lumpur, Malaysia       | In person | £4,300 |
| 02 - 06 Nov 2026 | Lisbon, Portugal             | In person | £4,300 |
| 02 - 06 Nov 2026 | Liverpool, United Kingdom    | In person | £4,300 |
| 02 - 06 Nov 2026 | London, United Kingdom       | In person | £4,300 |
| 02 - 06 Nov 2026 | Los Angeles, United States   | In person | £4,300 |
| 02 - 06 Nov 2026 | Luanda, Angola               | In person | £4,300 |
| 02 - 06 Nov 2026 | Madrid, Spain                | In person | £4,300 |
| 02 - 06 Nov 2026 | Manama, Bahrain              | In person | £4,300 |
| 02 - 06 Nov 2026 | Marbella, Spain              | In person | £4,300 |
| 02 - 06 Nov 2026 | Marrakech, Morocco           | In person | £4,300 |
| 02 - 06 Nov 2026 | Miami, United States         | In person | £4,300 |
| 02 - 06 Nov 2026 | Milan, Italy                 | In person | £4,300 |
| 02 - 06 Nov 2026 | Munich, Germany              | In person | £4,300 |
| 02 - 06 Nov 2026 | Muscat, Oman                 | In person | £4,300 |
| 02 - 06 Nov 2026 | Nairobi, Kenya               | In person | £4,300 |
| 02 - 06 Nov 2026 | New York, United States      | In person | £4,300 |
| 02 - 06 Nov 2026 | Nice, France                 | In person | £4,300 |
| 02 - 06 Nov 2026 | Nouakchott, Mauritania       | In person | £4,300 |
| 02 - 06 Nov 2026 | Oslo, Norway                 | In person | £4,300 |
| 02 - 06 Nov 2026 | Paris, France                | In person | £4,300 |
| 02 - 06 Nov 2026 | Port Louis, Mauritius        | In person | £4,300 |
| 02 - 06 Nov 2026 | Prague, Czech Republic       | In person | £4,300 |

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|------------------|----------------------------------|-----------|--------|
| 02 - 06 Nov 2026 | Pretoria, South Africa           | In person | £4,300 |
| 02 - 06 Nov 2026 | Riyadh, Saudi Arabia             | In person | £4,300 |
| 02 - 06 Nov 2026 | Rome, Italy                      | In person | £4,300 |
| 02 - 06 Nov 2026 | Sarajevo, Bosnia and Herzegovina | In person | £4,300 |
| 02 - 06 Nov 2026 | Sharm El Sheikh, Egypt           | In person | £4,300 |
| 02 - 06 Nov 2026 | Singapore                        | In person | £4,300 |
| 02 - 06 Nov 2026 | Stockholm, Sweden                | In person | £4,300 |
| 02 - 06 Nov 2026 | Tokyo, Japan                     | In person | £4,300 |
| 02 - 06 Nov 2026 | Toronto, Canada                  | In person | £4,300 |
| 02 - 06 Nov 2026 | Tromso, Norway                   | In person | £4,300 |
| 02 - 06 Nov 2026 | Vienna, Austria                  | In person | £4,300 |
| 02 - 06 Nov 2026 | Zagreb, Croatia                  | In person | £4,300 |
| 02 - 06 Nov 2026 | Zurich, Switzerland              | In person | £4,300 |
| 02 - 06 Nov 2026 | Online, Virtual                  | Online    | £4,300 |
| 01 - 05 Mar 2027 | Abu Dhabi, United Arab Emirates  | In person | £4,300 |
| 01 - 05 Mar 2027 | Abuja, Nigeria                   | In person | £4,300 |
| 01 - 05 Mar 2027 | Accra, Ghana                     | In person | £4,300 |
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| 01 - 05 Mar 2027     | Online, Virtual                 | Online    | £4,300 |
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| 28 Jun - 02 Jul 2027 | Boston, United States           | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Brussels, Belgium               | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Budapest, Hungary               | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Cairo, Egypt                    | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Cape Town, South Africa         | In person | £4,300 |

| Dates                | Venue                        | Format    | Fee    |
|----------------------|------------------------------|-----------|--------|
| 28 Jun - 02 Jul 2027 | Casablanca, Morocco          | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Dammam, Saudi Arabia         | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Dhahran, Saudi Arabia        | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Doha, Qatar                  | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Dubai, United Arab Emirates  | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Edinburgh, United Kingdom    | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Edmonton, Canada             | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Frankfurt, Germany           | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Geneva, Switzerland          | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Houston, United States       | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Istanbul, Turkey             | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Jakarta, Indonesia           | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Jeddah, Saudi Arabia         | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Jubail, Saudi Arabia         | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Khamis Mushait, Saudi Arabia | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Kigali, Rwanda               | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Kuala Lumpur, Malaysia       | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Lisbon, Portugal             | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Liverpool, United Kingdom    | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | London, United Kingdom       | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Los Angeles, United States   | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Luanda, Angola               | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Madrid, Spain                | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Manama, Bahrain              | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Marbella, Spain              | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Marrakech, Morocco           | In person | £4,300 |

| Dates                | Venue                            | Format    | Fee    |
|----------------------|----------------------------------|-----------|--------|
| 28 Jun - 02 Jul 2027 | Miami, United States             | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Milan, Italy                     | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Munich, Germany                  | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Muscat, Oman                     | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Nairobi, Kenya                   | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | New York, United States          | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Nice, France                     | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Nouakchott, Mauritania           | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Oslo, Norway                     | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Paris, France                    | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Port Louis, Mauritius            | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Prague, Czech Republic           | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Pretoria, South Africa           | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Riyadh, Saudi Arabia             | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Rome, Italy                      | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Sarajevo, Bosnia and Herzegovina | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Sharm El Sheikh, Egypt           | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Singapore                        | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Stockholm, Sweden                | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Tokyo, Japan                     | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Toronto, Canada                  | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Tromso, Norway                   | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Vienna, Austria                  | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Zagreb, Croatia                  | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Zurich, Switzerland              | In person | £4,300 |
| 28 Jun - 02 Jul 2027 | Online, Virtual                  | Online    | £4,300 |

| Dates            | Venue                           | Format    | Fee    |
|------------------|---------------------------------|-----------|--------|
| 01 - 05 Nov 2027 | Abu Dhabi, United Arab Emirates | In person | £4,300 |
| 01 - 05 Nov 2027 | Abuja, Nigeria                  | In person | £4,300 |
| 01 - 05 Nov 2027 | Accra, Ghana                    | In person | £4,300 |
| 01 - 05 Nov 2027 | Addis Ababa, Ethiopia           | In person | £4,300 |
| 01 - 05 Nov 2027 | Al Ain, United Arab Emirates    | In person | £4,300 |
| 01 - 05 Nov 2027 | Al Khobar, Saudi Arabia         | In person | £4,300 |
| 01 - 05 Nov 2027 | Alberta, Canada                 | In person | £4,300 |
| 01 - 05 Nov 2027 | AlUla, Saudi Arabia             | In person | £4,300 |
| 01 - 05 Nov 2027 | Amman, Jordan                   | In person | £4,300 |
| 01 - 05 Nov 2027 | Amsterdam, Netherlands          | In person | £4,300 |
| 01 - 05 Nov 2027 | Athens, Greece                  | In person | £4,300 |
| 01 - 05 Nov 2027 | Baku, Azerbaijan                | In person | £4,300 |
| 01 - 05 Nov 2027 | Barcelona, Spain                | In person | £4,300 |
| 01 - 05 Nov 2027 | Berlin, Germany                 | In person | £4,300 |
| 01 - 05 Nov 2027 | Boston, United States           | In person | £4,300 |
| 01 - 05 Nov 2027 | Brussels, Belgium               | In person | £4,300 |
| 01 - 05 Nov 2027 | Budapest, Hungary               | In person | £4,300 |
| 01 - 05 Nov 2027 | Cairo, Egypt                    | In person | £4,300 |
| 01 - 05 Nov 2027 | Cape Town, South Africa         | In person | £4,300 |
| 01 - 05 Nov 2027 | Casablanca, Morocco             | In person | £4,300 |
| 01 - 05 Nov 2027 | Dammam, Saudi Arabia            | In person | £4,300 |
| 01 - 05 Nov 2027 | Dhahran, Saudi Arabia           | In person | £4,300 |
| 01 - 05 Nov 2027 | Doha, Qatar                     | In person | £4,300 |
| 01 - 05 Nov 2027 | Dubai, United Arab Emirates     | In person | £4,300 |
| 01 - 05 Nov 2027 | Edinburgh, United Kingdom       | In person | £4,300 |
| 01 - 05 Nov 2027 | Edmonton, Canada                | In person | £4,300 |

| Dates            | Venue                        | Format    | Fee    |
|------------------|------------------------------|-----------|--------|
| 01 - 05 Nov 2027 | Frankfurt, Germany           | In person | £4,300 |
| 01 - 05 Nov 2027 | Geneva, Switzerland          | In person | £4,300 |
| 01 - 05 Nov 2027 | Houston, United States       | In person | £4,300 |
| 01 - 05 Nov 2027 | Istanbul, Turkey             | In person | £4,300 |
| 01 - 05 Nov 2027 | Jakarta, Indonesia           | In person | £4,300 |
| 01 - 05 Nov 2027 | Jeddah, Saudi Arabia         | In person | £4,300 |
| 01 - 05 Nov 2027 | Jubail, Saudi Arabia         | In person | £4,300 |
| 01 - 05 Nov 2027 | Khamis Mushait, Saudi Arabia | In person | £4,300 |
| 01 - 05 Nov 2027 | Kigali, Rwanda               | In person | £4,300 |
| 01 - 05 Nov 2027 | Kuala Lumpur, Malaysia       | In person | £4,300 |
| 01 - 05 Nov 2027 | Lisbon, Portugal             | In person | £4,300 |
| 01 - 05 Nov 2027 | Liverpool, United Kingdom    | In person | £4,300 |
| 01 - 05 Nov 2027 | London, United Kingdom       | In person | £4,300 |
| 01 - 05 Nov 2027 | Los Angeles, United States   | In person | £4,300 |
| 01 - 05 Nov 2027 | Luanda, Angola               | In person | £4,300 |
| 01 - 05 Nov 2027 | Madrid, Spain                | In person | £4,300 |
| 01 - 05 Nov 2027 | Manama, Bahrain              | In person | £4,300 |
| 01 - 05 Nov 2027 | Marbella, Spain              | In person | £4,300 |
| 01 - 05 Nov 2027 | Marrakech, Morocco           | In person | £4,300 |
| 01 - 05 Nov 2027 | Miami, United States         | In person | £4,300 |
| 01 - 05 Nov 2027 | Milan, Italy                 | In person | £4,300 |
| 01 - 05 Nov 2027 | Munich, Germany              | In person | £4,300 |
| 01 - 05 Nov 2027 | Muscat, Oman                 | In person | £4,300 |
| 01 - 05 Nov 2027 | Nairobi, Kenya               | In person | £4,300 |
| 01 - 05 Nov 2027 | New York, United States      | In person | £4,300 |
| 01 - 05 Nov 2027 | Nice, France                 | In person | £4,300 |

| Dates            | Venue                            | Format    | Fee    |
|------------------|----------------------------------|-----------|--------|
| 01 - 05 Nov 2027 | Nouakchott, Mauritania           | In person | £4,300 |
| 01 - 05 Nov 2027 | Oslo, Norway                     | In person | £4,300 |
| 01 - 05 Nov 2027 | Paris, France                    | In person | £4,300 |
| 01 - 05 Nov 2027 | Port Louis, Mauritius            | In person | £4,300 |
| 01 - 05 Nov 2027 | Prague, Czech Republic           | In person | £4,300 |
| 01 - 05 Nov 2027 | Pretoria, South Africa           | In person | £4,300 |
| 01 - 05 Nov 2027 | Riyadh, Saudi Arabia             | In person | £4,300 |
| 01 - 05 Nov 2027 | Rome, Italy                      | In person | £4,300 |
| 01 - 05 Nov 2027 | Sarajevo, Bosnia and Herzegovina | In person | £4,300 |
| 01 - 05 Nov 2027 | Sharm El Sheikh, Egypt           | In person | £4,300 |
| 01 - 05 Nov 2027 | Singapore                        | In person | £4,300 |
| 01 - 05 Nov 2027 | Stockholm, Sweden                | In person | £4,300 |
| 01 - 05 Nov 2027 | Tokyo, Japan                     | In person | £4,300 |
| 01 - 05 Nov 2027 | Toronto, Canada                  | In person | £4,300 |
| 01 - 05 Nov 2027 | Tromso, Norway                   | In person | £4,300 |
| 01 - 05 Nov 2027 | Vienna, Austria                  | In person | £4,300 |
| 01 - 05 Nov 2027 | Zagreb, Croatia                  | In person | £4,300 |
| 01 - 05 Nov 2027 | Zurich, Switzerland              | In person | £4,300 |
| 01 - 05 Nov 2027 | Online, Virtual                  | Online    | £4,300 |

## Certificate

Participants who successfully complete the Corrosion Metallurgy and Failure Prevention Training Course receive a Certificate of Completion from Institute For Oil & Gas Training.

The certificate recognises completion of the training programme and participation in its professional development activities. Attendees must satisfy the course attendance requirement established by Institute For Oil & Gas Training to receive the certificate. Any additional attendance or assessment conditions communicated before the course must also be fulfilled.