

# API 581 Risk Based Inspection Training Course

OGI-1328 · 5 days · 15 CPD hours · English

## Overview

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The API 581 Risk Based Inspection Training Course from [Institute For Oil & Gas Training](#) develops the technical and operational capabilities required to apply the API 581 methodology, evaluate equipment risk, and establish effective inspection strategies across oil and gas facilities. This API 581 Training Course focuses on quantitative risk assessment, probability of failure, consequence analysis, and risk-based inspection planning to support [asset integrity management](#) and informed maintenance decisions.

Oil and gas facilities operate complex networks of pressure vessels, piping systems, storage tanks, process equipment, and other safety-critical assets. These assets experience corrosion, erosion, fatigue, mechanical damage, and other degradation mechanisms throughout their service life. Without a structured approach to evaluating equipment condition and failure consequences, inspection programmes struggle to prioritise resources according to actual risk exposure. Fixed inspection intervals also create challenges when equipment condition, operating conditions, and potential failure consequences differ significantly between assets.

Risk-based inspection, commonly known as RBI, provides a systematic approach to addressing these challenges. The API 581 methodology establishes a quantitative framework for assessing equipment risk by combining the probability of failure with the consequences of failure. This enables asset integrity teams to identify high-risk equipment, evaluate degradation mechanisms, determine appropriate inspection strategies, and direct inspection resources towards areas where risk reduction delivers the greatest operational value.

Institute For Oil & Gas Training delivers this programme for professionals responsible for inspection engineering, mechanical integrity, reliability, maintenance, process safety, and risk management. Participants examine the relationship between equipment damage mechanisms, inspection effectiveness, operating history, and quantitative risk calculations. The course develops the capability to interpret risk assessment outputs and translate them into practical inspection decisions that support safe and reliable facility operation.

The programme also addresses the importance of reliable input data in quantitative RBI. Equipment design information, materials of construction, process conditions, inspection history, corrosion rates, and damage mechanism assessments all influence the quality of the resulting risk profile. Participants develop a structured understanding of how these inputs affect probability of failure calculations and consequence analysis, and how uncertainty in the available information influences risk-based decisions.

A central focus of the API 581 Training Course is the practical application of risk-based inspection planning. Participants explore how inspection findings, risk rankings, equipment condition, and operating priorities inform inspection scope and frequency. They also examine how inspection effectiveness influences the confidence placed in equipment condition assessments and how inspection programmes support risk reduction over the remaining life of an asset.

The course connects engineering calculations with operational decision-making. Rather than treating RBI as a standalone analytical exercise, it demonstrates how quantitative assessment supports maintenance planning,

inspection scheduling, shutdown preparation, integrity operating windows, and long-term asset management. Participants gain a clear understanding of how risk assessments contribute to the prioritisation of limited inspection budgets without compromising the need to manage unacceptable risks.

For organisations operating refineries, petrochemical plants, gas processing facilities, offshore installations, terminals, and pipeline infrastructure, a consistent RBI process supports better coordination between inspection, operations, maintenance, and engineering teams. It creates a common basis for discussing equipment risk, documenting inspection priorities, and evaluating the effectiveness of integrity management decisions.

By completing this programme, participants strengthen their understanding of the API 581 methodology and its role within a broader asset integrity management system. They learn to evaluate risk assessment assumptions, interpret quantitative results, identify important data gaps, and develop inspection recommendations aligned with equipment condition and potential failure consequences.

## Objectives

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- Explain the principles, purpose, and application of the API 581 methodology within oil and gas asset integrity management.
- Differentiate risk-based inspection from conventional inspection approaches based primarily on fixed intervals.
- Understand the relationship between probability of failure, consequence analysis, and overall equipment risk.
- Identify the equipment information, operating data, materials information, and inspection records required for quantitative RBI.
- Evaluate common damage mechanisms affecting pressure vessels, piping systems, storage tanks, and process equipment.
- Understand the influence of corrosion rates, degradation history, and inspection effectiveness on probability of failure assessment.
- Interpret quantitative risk assessment outputs and distinguish between high-risk and lower-risk equipment.
- Evaluate consequence categories associated with equipment failure, including personnel safety, environmental impact, financial exposure, and business interruption.
- Recognise the importance of data quality, engineering assumptions, and uncertainty in quantitative risk calculations.
- Develop risk-based inspection planning principles that align inspection priorities with equipment risk profiles.

- Evaluate how inspection methods and inspection effectiveness influence risk reduction.
- Understand the role of reassessment following changes in operating conditions, equipment condition, inspection findings, or damage mechanisms.
- Integrate RBI findings into inspection programmes, maintenance strategies, shutdown planning, and asset integrity reviews.
- Improve communication of risk assessment findings between inspection, operations, maintenance, corrosion, and process safety teams.
- Establish a structured basis for documenting assessment assumptions, inspection recommendations, and risk management decisions.

## **Training methodology**

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Institute For Oil & Gas Training uses an industry-focused delivery approach that combines technical explanations, worked examples, case studies, practical exercises, and structured group discussions. The methodology reflects the analytical and operational demands of quantitative RBI in oil and gas facilities.

The course introduces the principles behind API 581 before progressing towards risk calculations, assessment interpretation, and inspection planning. This progression helps participants understand not only how individual assessment components work but also how they influence the final risk profile and the decisions made by asset integrity teams.

## **Practical Application of API 581**

Participants examine representative industrial equipment scenarios involving pressure vessels, process piping, storage tanks, and other fixed equipment. These scenarios illustrate how equipment characteristics, operating conditions, and degradation mechanisms influence risk assessment.

Worked examples demonstrate the relationship between probability of failure and consequence analysis. Participants review how changes in corrosion information, inspection history, process conditions, and equipment characteristics influence the assessment results. The exercises reinforce the importance of using suitable data and documenting assumptions throughout the analysis.

## **Quantitative Risk Assessment Exercises**

The course uses structured quantitative RBI exercises to explain the components of risk calculations. Participants examine how failure frequency, damage mechanisms, inspection effectiveness, and consequence categories contribute to equipment risk.

Exercises focus on interpreting the meaning of calculated risk values rather than treating numerical results as isolated outputs. Participants learn to compare equipment risk profiles, identify significant contributors to risk, and distinguish

between assumptions that require further engineering review and findings that support immediate inspection planning decisions.

## **Industrial Case Studies**

Case studies present realistic integrity management challenges, including corrosion in process piping, degradation in pressure vessels, inspection backlogs, and equipment operating under changing process conditions. Participants evaluate the available information and determine how an RBI assessment supports practical engineering decisions.

These examples encourage participants to consider the interaction between equipment condition, process safety, production continuity, inspection resources, and maintenance priorities. They also highlight the importance of coordinating inspection recommendations with operations and maintenance teams.

## **Group Exercises and Technical Discussions**

Group exercises encourage participants to compare assessment approaches, discuss data limitations, and justify inspection recommendations. Participants consider how different assumptions affect risk rankings and how engineering teams should respond when inspection information is incomplete or inconsistent.

Discussions also examine the responsibilities of inspection engineers, corrosion specialists, reliability professionals, and operations personnel in maintaining the quality of an RBI programme. This collaborative approach reflects the multidisciplinary nature of asset integrity management.

## **Risk-Based Inspection Planning Workshops**

Participants work through scenarios that require the translation of quantitative risk results into inspection strategies. They consider inspection priorities, suitable inspection techniques, degradation mechanisms, inspection effectiveness, and the need for reassessment when equipment or operating conditions change.

The workshops emphasise that inspection planning is not simply a process of assigning intervals. It requires an understanding of the equipment's failure potential, consequences, condition, and the degree to which planned inspection activities address the relevant damage mechanisms.

## **Assessment and Feedback**

Learning is reinforced through knowledge checks, interpretation exercises, and review of proposed inspection plans. Participants explain their assessment logic, identify uncertainties, and present recommendations using an engineering-focused rationale.

Feedback helps participants recognise where data quality, assessment assumptions, or inspection scope require improvement. By the end of the programme, participants have a structured understanding of how API 581 supports consistent risk evaluation and defensible inspection planning.

## **Organisational impact**

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Implementing effective risk-based inspection practices supports organisations in managing equipment integrity, improving maintenance priorities, and directing technical resources towards the most significant threats to safe and

reliable operation. The API 581 Training Course equips participants with the knowledge required to contribute to these outcomes through a consistent and technically informed assessment process.

### **Improved Inspection Prioritisation**

Quantitative RBI supports the prioritisation of equipment according to assessed failure probability and consequences. Organisations gain a clearer basis for distinguishing assets requiring greater inspection attention from equipment with comparatively lower assessed risk.

This approach supports more structured inspection scheduling and helps integrity teams direct resources towards critical degradation mechanisms. It also improves the justification of inspection priorities during maintenance reviews, turnaround preparation, and annual planning.

### **Better Asset Integrity Management**

The course strengthens understanding of how inspection findings, damage mechanisms, equipment history, and operating conditions contribute to asset integrity decisions. This supports a more consistent approach to evaluating equipment condition and determining suitable follow-up activities.

Organisations benefit from improved alignment between inspection engineering, corrosion management, reliability, and maintenance functions. A shared understanding of risk assessment also strengthens technical discussions about equipment suitability for continued service and the need for additional engineering evaluation.

### **More Effective Maintenance Planning**

Risk-based inspection planning helps organisations connect inspection activities with wider maintenance priorities. Equipment risk assessments provide an engineering basis for identifying inspection requirements, coordinating maintenance work, and preparing suitable inspection scopes for planned shutdowns.

This supports more informed use of inspection budgets and personnel. It also helps organisations identify situations where additional inspection information is needed before maintenance or operating decisions are finalised.

### **Stronger Process Safety and Environmental Risk Management**

Equipment failures in oil and gas facilities create potential consequences that extend beyond repair costs. Loss of containment can affect personnel, the environment, surrounding equipment, and continuity of production.

By strengthening the understanding of probability of failure and consequence analysis, the programme helps personnel evaluate these risks more systematically. The resulting assessments support the identification of significant risk contributors and the development of inspection strategies intended to reduce equipment failure exposure.

### **Improved Technical Decision-Making**

Quantitative assessment gives engineering teams a consistent basis for comparing equipment risk and explaining the reasoning behind inspection recommendations. The ability to interpret risk outputs supports clearer communication between technical specialists and decision-makers.

Organisations also benefit from greater transparency in how inspection priorities are established. Documented assumptions, identified data gaps, and clearly explained recommendations make assessment results easier to review and update.

### **More Consistent Integrity Governance**

A structured RBI process supports consistent assessment documentation, defined review responsibilities, and traceable inspection planning decisions. These practices strengthen internal governance and provide supporting evidence for technical reviews and integrity management audits.

The course also reinforces the importance of applying recognised standards appropriately and maintaining suitable engineering oversight. Organisations gain a stronger foundation for reviewing assessment quality and ensuring that risk-based decisions remain aligned with applicable company procedures and regulatory obligations.

### **Better Use of Inspection Data**

Historical inspection records and equipment operating information provide important inputs for risk assessment. The programme highlights the value of accurate data collection, reliable corrosion information, consistent equipment identification, and documented inspection findings.

Improved data practices support more reliable assessments and make future reassessment more effective. They also help organisations identify information gaps that require additional inspection, engineering analysis, or improved record management.

### **Support for Long-Term Operational Reliability**

A well-managed RBI programme connects current equipment risk with future inspection and maintenance requirements. By integrating assessment results into asset integrity planning, organisations establish a more structured basis for managing equipment throughout its operating life.

The resulting approach supports informed decisions on inspection scope, maintenance priorities, risk mitigation, and reassessment. These capabilities contribute to dependable plant operation and more effective management of safety-critical equipment.

### **Personal impact**

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The API 581 Training Course develops the technical understanding and practical judgement required to contribute effectively to risk-based inspection programmes across the oil and gas sector.

### **Stronger Understanding of Quantitative RBI**

Participants gain a structured understanding of the API 581 methodology and its application to fixed equipment integrity. They learn how probability of failure and consequence analysis combine to establish equipment risk and how assessment assumptions influence the results.

This knowledge strengthens their ability to participate in RBI studies, review assessment documentation, and discuss technical findings with inspection and reliability specialists.

## **Improved Risk Interpretation Skills**

Participants develop the ability to interpret equipment risk profiles and understand the factors contributing to elevated risk. They learn to distinguish between the probability of a failure event and the severity of its consequences, supporting more informed discussions about inspection priorities.

These capabilities help participants explain the technical basis for inspection recommendations and identify when further engineering evaluation is necessary.

## **Better Inspection Planning Capability**

The programme strengthens understanding of how quantitative results inform inspection scope, inspection methods, scheduling, and reassessment. Participants learn to connect damage mechanisms with appropriate inspection considerations and recognise the role of inspection effectiveness in managing equipment risk.

This knowledge supports more effective collaboration with inspection contractors, maintenance planners, corrosion engineers, and operations personnel.

## **Increased Confidence in Technical Reviews**

Participants develop a clearer framework for evaluating assessment assumptions, input data, and inspection recommendations. They learn to ask relevant questions about data completeness, damage mechanisms, consequence categories, and the interpretation of calculated risk.

These skills improve their contribution to technical meetings, integrity reviews, and inspection planning discussions.

## **Stronger Cross-Functional Collaboration**

RBI requires input from multiple technical and operational disciplines. The course helps participants understand how inspection, corrosion management, maintenance, reliability, process safety, and operations contribute to the assessment process.

A common understanding of risk terminology and assessment principles enables participants to communicate findings more effectively across departments.

## **Professional Development**

Knowledge of API 581 supports professional development for personnel working in asset integrity management, inspection engineering, corrosion control, reliability, and maintenance. Participants strengthen their technical vocabulary and develop a clearer understanding of how quantitative risk assessment supports engineering decisions.

The course also provides a foundation for further practical experience in RBI studies, assessment reviews, and inspection programme development. Application of the learning within a workplace depends on the participant's responsibilities, experience, and access to relevant technical systems and equipment data.

## **Who should attend**

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- Asset Integrity Managers: Strengthen the integration of quantitative risk assessment into integrity strategies, inspection priorities, and asset performance reviews.
- Inspection Engineers: Develop a stronger understanding of API 581 calculations, equipment risk profiles, and risk-based inspection planning.
- Mechanical Integrity Engineers: Evaluate how degradation mechanisms, equipment condition, and failure consequences influence integrity management decisions.
- Corrosion Engineers and Specialists: Understand how corrosion data, damage mechanisms, and inspection findings influence probability of failure assessment.
- Reliability Engineers: Connect equipment risk assessment with reliability improvement initiatives, maintenance strategies, and failure prevention activities.
- Maintenance Managers and Planners: Improve the use of risk information when prioritising inspection work, planning maintenance activities, and preparing shutdown scopes.
- RBI Engineers and Analysts: Strengthen their understanding of quantitative RBI principles, assessment inputs, risk calculations, and inspection recommendations.
- Pressure Equipment Inspectors: Develop greater awareness of how inspection results contribute to equipment risk evaluation and subsequent inspection planning.
- Process Safety Engineers: Understand how equipment failure probability and consequence analysis support process safety risk management.
- Operations Engineers and Production Supervisors: Recognise how process conditions, operating history, and equipment changes affect asset risk and inspection requirements.
- Technical Authorities and Engineering Consultants: Improve their ability to review RBI assessments, evaluate assumptions, and provide technically justified recommendations.
- Shutdown and Turnaround Coordinators: Use risk-based inspection priorities to support the development and coordination of inspection scopes.
- Maintenance and Engineering Superintendents: Strengthen oversight of integrity programmes and improve the communication of equipment risk to management.

- Asset Managers and Engineering Managers: Understand how RBI supports investment prioritisation, maintenance planning, and the management of operational exposure.
- Technical Professionals Transitioning into RBI: Establish a foundation in API 581 principles before undertaking more advanced practical assessment responsibilities.

## Course outline

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### Fundamentals of Risk-Based Inspection and API 581

This module establishes the principles of risk-based inspection and explains how the API 581 methodology supports asset integrity management in oil and gas facilities. Participants examine the limitations of inspection strategies based solely on fixed intervals and explore how equipment condition, degradation mechanisms, and failure consequences influence inspection priorities.

The module introduces the relationship between probability of failure, consequence analysis, and overall risk. It also examines the roles of inspection engineering, corrosion management, operations, and maintenance in developing a consistent RBI programme.

### Data Collection, Damage Mechanisms, and Equipment Assessment

This module focuses on the technical information required to establish a reliable quantitative RBI assessment. Participants examine the relationship between equipment design, materials of construction, operating conditions, inspection history, and the degradation mechanisms that influence equipment failure probability.

The module also addresses data quality and assessment preparation. Participants explore how missing inspection records, uncertain corrosion rates, incomplete process information, and incorrect equipment assumptions affect assessment confidence. Particular attention is given to identifying the information required to support defensible risk calculations.

### Probability of Failure and Quantitative Risk Assessment

This module examines the quantitative assessment of equipment failure probability and the calculation of risk within the API 581 framework. Participants explore how damage mechanisms, equipment condition, generic failure data, inspection findings, and inspection effectiveness contribute to the assessment of failure likelihood.

The module also introduces the interpretation of quantitative outputs. Participants examine how calculated risk values support equipment ranking, how uncertainty influences engineering judgement, and why assessment assumptions require appropriate technical review. The emphasis is on understanding the assessment logic and interpreting results rather than relying on numerical outputs without context.

### Consequence Analysis and Equipment Risk Evaluation

This module focuses on consequence analysis and its role in determining equipment risk. Participants examine how the characteristics of a potential failure influence the severity of its effects on personnel, the environment, equipment,

production, and business performance.

The module explores the relationship between release scenarios, process fluid properties, operating conditions, and potential consequences. Participants learn to interpret consequence assessment results alongside probability of failure, recognising that equipment with a lower failure likelihood can still require significant management attention when the potential consequences are severe.

### **Risk-Based Inspection Planning, Mitigation, and Reassessment**

This module brings together the preceding concepts to develop practical risk-based inspection planning capability. Participants examine how quantitative RBI results inform inspection scope, methods, priorities, and reassessment requirements. The module emphasises the connection between equipment risk, credible damage mechanisms, inspection effectiveness, and the need to manage identified risks throughout the equipment lifecycle.

Participants also explore how inspection findings and operating changes influence future assessments. They consider how to document inspection recommendations, establish review priorities, communicate technical decisions, and integrate RBI into maintenance planning and asset integrity management. The focus is on developing an inspection strategy that addresses the identified risk drivers and supports continued operational reliability.

### **Scheduled dates**

| Dates            | Venue                           | Format    | Fee    |
|------------------|---------------------------------|-----------|--------|
| 02 - 06 Nov 2026 | Abu Dhabi, United Arab Emirates | In person | £3,600 |
| 02 - 06 Nov 2026 | Abuja, Nigeria                  | In person | £3,600 |
| 02 - 06 Nov 2026 | Accra, Ghana                    | In person | £3,600 |
| 02 - 06 Nov 2026 | Addis Ababa, Ethiopia           | In person | £3,600 |
| 02 - 06 Nov 2026 | Al Ain, United Arab Emirates    | In person | £3,600 |
| 02 - 06 Nov 2026 | Al Khobar, Saudi Arabia         | In person | £3,600 |
| 02 - 06 Nov 2026 | Alberta, Canada                 | In person | £3,600 |
| 02 - 06 Nov 2026 | AlUla, Saudi Arabia             | In person | £3,600 |
| 02 - 06 Nov 2026 | Amman, Jordan                   | In person | £3,600 |
| 02 - 06 Nov 2026 | Amsterdam, Netherlands          | In person | £3,600 |
| 02 - 06 Nov 2026 | Athens, Greece                  | In person | £3,600 |
| 02 - 06 Nov 2026 | Baku, Azerbaijan                | In person | £3,600 |
| 02 - 06 Nov 2026 | Barcelona, Spain                | In person | £3,600 |
| 02 - 06 Nov 2026 | Berlin, Germany                 | In person | £3,600 |

| Dates            | Venue                        | Format    | Fee    |
|------------------|------------------------------|-----------|--------|
| 02 - 06 Nov 2026 | Boston, United States        | In person | £3,600 |
| 02 - 06 Nov 2026 | Brussels, Belgium            | In person | £3,600 |
| 02 - 06 Nov 2026 | Budapest, Hungary            | In person | £3,600 |
| 02 - 06 Nov 2026 | Cairo, Egypt                 | In person | £3,600 |
| 02 - 06 Nov 2026 | Cape Town, South Africa      | In person | £3,600 |
| 02 - 06 Nov 2026 | Casablanca, Morocco          | In person | £3,600 |
| 02 - 06 Nov 2026 | Dammam, Saudi Arabia         | In person | £3,600 |
| 02 - 06 Nov 2026 | Dhahran, Saudi Arabia        | In person | £3,600 |
| 02 - 06 Nov 2026 | Doha, Qatar                  | In person | £3,600 |
| 02 - 06 Nov 2026 | Dubai, United Arab Emirates  | In person | £3,600 |
| 02 - 06 Nov 2026 | Edinburgh, United Kingdom    | In person | £3,600 |
| 02 - 06 Nov 2026 | Edmonton, Canada             | In person | £3,600 |
| 02 - 06 Nov 2026 | Frankfurt, Germany           | In person | £3,600 |
| 02 - 06 Nov 2026 | Geneva, Switzerland          | In person | £3,600 |
| 02 - 06 Nov 2026 | Houston, United States       | In person | £3,600 |
| 02 - 06 Nov 2026 | Istanbul, Turkey             | In person | £3,600 |
| 02 - 06 Nov 2026 | Jakarta, Indonesia           | In person | £3,600 |
| 02 - 06 Nov 2026 | Jeddah, Saudi Arabia         | In person | £3,600 |
| 02 - 06 Nov 2026 | Jubail, Saudi Arabia         | In person | £3,600 |
| 02 - 06 Nov 2026 | Khamis Mushait, Saudi Arabia | In person | £3,600 |
| 02 - 06 Nov 2026 | Kigali, Rwanda               | In person | £3,600 |
| 02 - 06 Nov 2026 | Kuala Lumpur, Malaysia       | In person | £3,600 |
| 02 - 06 Nov 2026 | Lisbon, Portugal             | In person | £3,600 |
| 02 - 06 Nov 2026 | Liverpool, United Kingdom    | In person | £3,600 |
| 02 - 06 Nov 2026 | London, United Kingdom       | In person | £3,600 |
| 02 - 06 Nov 2026 | Los Angeles, United States   | In person | £3,600 |

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|------------------|----------------------------------|-----------|--------|
| 02 - 06 Nov 2026 | Luanda, Angola                   | In person | £3,600 |
| 02 - 06 Nov 2026 | Madrid, Spain                    | In person | £3,600 |
| 02 - 06 Nov 2026 | Manama, Bahrain                  | In person | £3,600 |
| 02 - 06 Nov 2026 | Marbella, Spain                  | In person | £3,600 |
| 02 - 06 Nov 2026 | Marrakech, Morocco               | In person | £3,600 |
| 02 - 06 Nov 2026 | Miami, United States             | In person | £3,600 |
| 02 - 06 Nov 2026 | Milan, Italy                     | In person | £3,600 |
| 02 - 06 Nov 2026 | Munich, Germany                  | In person | £3,600 |
| 02 - 06 Nov 2026 | Muscat, Oman                     | In person | £3,600 |
| 02 - 06 Nov 2026 | Nairobi, Kenya                   | In person | £3,600 |
| 02 - 06 Nov 2026 | New York, United States          | In person | £3,600 |
| 02 - 06 Nov 2026 | Nice, France                     | In person | £3,600 |
| 02 - 06 Nov 2026 | Nouakchott, Mauritania           | In person | £3,600 |
| 02 - 06 Nov 2026 | Oslo, Norway                     | In person | £3,600 |
| 02 - 06 Nov 2026 | Paris, France                    | In person | £3,600 |
| 02 - 06 Nov 2026 | Port Louis, Mauritius            | In person | £3,600 |
| 02 - 06 Nov 2026 | Prague, Czech Republic           | In person | £3,600 |
| 02 - 06 Nov 2026 | Pretoria, South Africa           | In person | £3,600 |
| 02 - 06 Nov 2026 | Riyadh, Saudi Arabia             | In person | £3,600 |
| 02 - 06 Nov 2026 | Rome, Italy                      | In person | £3,600 |
| 02 - 06 Nov 2026 | Sarajevo, Bosnia and Herzegovina | In person | £3,600 |
| 02 - 06 Nov 2026 | Sharm El Sheikh, Egypt           | In person | £3,600 |
| 02 - 06 Nov 2026 | Singapore                        | In person | £3,600 |
| 02 - 06 Nov 2026 | Stockholm, Sweden                | In person | £3,600 |
| 02 - 06 Nov 2026 | Tokyo, Japan                     | In person | £3,600 |
| 02 - 06 Nov 2026 | Toronto, Canada                  | In person | £3,600 |

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| 02 - 06 Nov 2026 | Tromso, Norway                  | In person | £3,600 |
| 02 - 06 Nov 2026 | Vienna, Austria                 | In person | £3,600 |
| 02 - 06 Nov 2026 | Zagreb, Croatia                 | In person | £3,600 |
| 02 - 06 Nov 2026 | Zurich, Switzerland             | In person | £3,600 |
| 02 - 06 Nov 2026 | Online, Virtual                 | Online    | £3,600 |
| 01 - 05 Mar 2027 | Abu Dhabi, United Arab Emirates | In person | £3,600 |
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| 01 - 05 Mar 2027 | Al Khobar, Saudi Arabia         | In person | £3,600 |
| 01 - 05 Mar 2027 | Alberta, Canada                 | In person | £3,600 |
| 01 - 05 Mar 2027 | AlUla, Saudi Arabia             | In person | £3,600 |
| 01 - 05 Mar 2027 | Amman, Jordan                   | In person | £3,600 |
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| 01 - 05 Mar 2027     | Online, Virtual                  | Online    | £3,600 |
| 28 Jun - 02 Jul 2027 | Abu Dhabi, United Arab Emirates  | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Abuja, Nigeria                   | In person | £3,600 |

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| 28 Jun - 02 Jul 2027 | Alberta, Canada              | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | AlUla, Saudi Arabia          | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Amman, Jordan                | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Amsterdam, Netherlands       | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Athens, Greece               | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Baku, Azerbaijan             | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Barcelona, Spain             | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Berlin, Germany              | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Boston, United States        | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Brussels, Belgium            | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Budapest, Hungary            | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Cairo, Egypt                 | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Cape Town, South Africa      | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Casablanca, Morocco          | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Dammam, Saudi Arabia         | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Dhahran, Saudi Arabia        | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Doha, Qatar                  | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Dubai, United Arab Emirates  | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Edinburgh, United Kingdom    | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Edmonton, Canada             | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Frankfurt, Germany           | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Geneva, Switzerland          | In person | £3,600 |

| Dates                | Venue                        | Format    | Fee    |
|----------------------|------------------------------|-----------|--------|
| 28 Jun - 02 Jul 2027 | Houston, United States       | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Istanbul, Turkey             | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Jakarta, Indonesia           | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Jeddah, Saudi Arabia         | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Jubail, Saudi Arabia         | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Khamis Mushait, Saudi Arabia | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Kigali, Rwanda               | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Kuala Lumpur, Malaysia       | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Lisbon, Portugal             | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Liverpool, United Kingdom    | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | London, United Kingdom       | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Los Angeles, United States   | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Luanda, Angola               | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Madrid, Spain                | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Manama, Bahrain              | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Marbella, Spain              | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Marrakech, Morocco           | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Miami, United States         | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Milan, Italy                 | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Munich, Germany              | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Muscat, Oman                 | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Nairobi, Kenya               | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | New York, United States      | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Nice, France                 | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Nouakchott, Mauritania       | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Oslo, Norway                 | In person | £3,600 |

| Dates                | Venue                            | Format    | Fee    |
|----------------------|----------------------------------|-----------|--------|
| 28 Jun - 02 Jul 2027 | Paris, France                    | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Port Louis, Mauritius            | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Prague, Czech Republic           | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Pretoria, South Africa           | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Riyadh, Saudi Arabia             | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Rome, Italy                      | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Sarajevo, Bosnia and Herzegovina | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Sharm El Sheikh, Egypt           | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Singapore                        | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Stockholm, Sweden                | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Tokyo, Japan                     | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Toronto, Canada                  | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Tromso, Norway                   | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Vienna, Austria                  | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Zagreb, Croatia                  | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Zurich, Switzerland              | In person | £3,600 |
| 28 Jun - 02 Jul 2027 | Online, Virtual                  | Online    | £3,600 |
| 01 - 05 Nov 2027     | Abu Dhabi, United Arab Emirates  | In person | £3,600 |
| 01 - 05 Nov 2027     | Abuja, Nigeria                   | In person | £3,600 |
| 01 - 05 Nov 2027     | Accra, Ghana                     | In person | £3,600 |
| 01 - 05 Nov 2027     | Addis Ababa, Ethiopia            | In person | £3,600 |
| 01 - 05 Nov 2027     | Al Ain, United Arab Emirates     | In person | £3,600 |
| 01 - 05 Nov 2027     | Al Khobar, Saudi Arabia          | In person | £3,600 |
| 01 - 05 Nov 2027     | Alberta, Canada                  | In person | £3,600 |
| 01 - 05 Nov 2027     | AlUla, Saudi Arabia              | In person | £3,600 |
| 01 - 05 Nov 2027     | Amman, Jordan                    | In person | £3,600 |

| Dates            | Venue                        | Format    | Fee    |
|------------------|------------------------------|-----------|--------|
| 01 - 05 Nov 2027 | Amsterdam, Netherlands       | In person | £3,600 |
| 01 - 05 Nov 2027 | Athens, Greece               | In person | £3,600 |
| 01 - 05 Nov 2027 | Baku, Azerbaijan             | In person | £3,600 |
| 01 - 05 Nov 2027 | Barcelona, Spain             | In person | £3,600 |
| 01 - 05 Nov 2027 | Berlin, Germany              | In person | £3,600 |
| 01 - 05 Nov 2027 | Boston, United States        | In person | £3,600 |
| 01 - 05 Nov 2027 | Brussels, Belgium            | In person | £3,600 |
| 01 - 05 Nov 2027 | Budapest, Hungary            | In person | £3,600 |
| 01 - 05 Nov 2027 | Cairo, Egypt                 | In person | £3,600 |
| 01 - 05 Nov 2027 | Cape Town, South Africa      | In person | £3,600 |
| 01 - 05 Nov 2027 | Casablanca, Morocco          | In person | £3,600 |
| 01 - 05 Nov 2027 | Dammam, Saudi Arabia         | In person | £3,600 |
| 01 - 05 Nov 2027 | Dhahran, Saudi Arabia        | In person | £3,600 |
| 01 - 05 Nov 2027 | Doha, Qatar                  | In person | £3,600 |
| 01 - 05 Nov 2027 | Dubai, United Arab Emirates  | In person | £3,600 |
| 01 - 05 Nov 2027 | Edinburgh, United Kingdom    | In person | £3,600 |
| 01 - 05 Nov 2027 | Edmonton, Canada             | In person | £3,600 |
| 01 - 05 Nov 2027 | Frankfurt, Germany           | In person | £3,600 |
| 01 - 05 Nov 2027 | Geneva, Switzerland          | In person | £3,600 |
| 01 - 05 Nov 2027 | Houston, United States       | In person | £3,600 |
| 01 - 05 Nov 2027 | Istanbul, Turkey             | In person | £3,600 |
| 01 - 05 Nov 2027 | Jakarta, Indonesia           | In person | £3,600 |
| 01 - 05 Nov 2027 | Jeddah, Saudi Arabia         | In person | £3,600 |
| 01 - 05 Nov 2027 | Jubail, Saudi Arabia         | In person | £3,600 |
| 01 - 05 Nov 2027 | Khamis Mushait, Saudi Arabia | In person | £3,600 |
| 01 - 05 Nov 2027 | Kigali, Rwanda               | In person | £3,600 |

| Dates            | Venue                            | Format    | Fee    |
|------------------|----------------------------------|-----------|--------|
| 01 - 05 Nov 2027 | Kuala Lumpur, Malaysia           | In person | £3,600 |
| 01 - 05 Nov 2027 | Lisbon, Portugal                 | In person | £3,600 |
| 01 - 05 Nov 2027 | Liverpool, United Kingdom        | In person | £3,600 |
| 01 - 05 Nov 2027 | London, United Kingdom           | In person | £3,600 |
| 01 - 05 Nov 2027 | Los Angeles, United States       | In person | £3,600 |
| 01 - 05 Nov 2027 | Luanda, Angola                   | In person | £3,600 |
| 01 - 05 Nov 2027 | Madrid, Spain                    | In person | £3,600 |
| 01 - 05 Nov 2027 | Manama, Bahrain                  | In person | £3,600 |
| 01 - 05 Nov 2027 | Marbella, Spain                  | In person | £3,600 |
| 01 - 05 Nov 2027 | Marrakech, Morocco               | In person | £3,600 |
| 01 - 05 Nov 2027 | Miami, United States             | In person | £3,600 |
| 01 - 05 Nov 2027 | Milan, Italy                     | In person | £3,600 |
| 01 - 05 Nov 2027 | Munich, Germany                  | In person | £3,600 |
| 01 - 05 Nov 2027 | Muscat, Oman                     | In person | £3,600 |
| 01 - 05 Nov 2027 | Nairobi, Kenya                   | In person | £3,600 |
| 01 - 05 Nov 2027 | New York, United States          | In person | £3,600 |
| 01 - 05 Nov 2027 | Nice, France                     | In person | £3,600 |
| 01 - 05 Nov 2027 | Nouakchott, Mauritania           | In person | £3,600 |
| 01 - 05 Nov 2027 | Oslo, Norway                     | In person | £3,600 |
| 01 - 05 Nov 2027 | Paris, France                    | In person | £3,600 |
| 01 - 05 Nov 2027 | Port Louis, Mauritius            | In person | £3,600 |
| 01 - 05 Nov 2027 | Prague, Czech Republic           | In person | £3,600 |
| 01 - 05 Nov 2027 | Pretoria, South Africa           | In person | £3,600 |
| 01 - 05 Nov 2027 | Riyadh, Saudi Arabia             | In person | £3,600 |
| 01 - 05 Nov 2027 | Rome, Italy                      | In person | £3,600 |
| 01 - 05 Nov 2027 | Sarajevo, Bosnia and Herzegovina | In person | £3,600 |

| Dates            | Venue                  | Format    | Fee    |
|------------------|------------------------|-----------|--------|
| 01 - 05 Nov 2027 | Sharm El Sheikh, Egypt | In person | £3,600 |
| 01 - 05 Nov 2027 | Singapore              | In person | £3,600 |
| 01 - 05 Nov 2027 | Stockholm, Sweden      | In person | £3,600 |
| 01 - 05 Nov 2027 | Tokyo, Japan           | In person | £3,600 |
| 01 - 05 Nov 2027 | Toronto, Canada        | In person | £3,600 |
| 01 - 05 Nov 2027 | Tromso, Norway         | In person | £3,600 |
| 01 - 05 Nov 2027 | Vienna, Austria        | In person | £3,600 |
| 01 - 05 Nov 2027 | Zagreb, Croatia        | In person | £3,600 |
| 01 - 05 Nov 2027 | Zurich, Switzerland    | In person | £3,600 |
| 01 - 05 Nov 2027 | Online, Virtual        | Online    | £3,600 |

## Certificate

Attendees who successfully complete the API 581 Risk Based Inspection Training Course receive a Certificate of Completion from Institute For Oil & Gas Training.

The certificate recognises completion of the training programme and participation in the course activities. Attendees are required to meet the course attendance requirement established by Institute For Oil & Gas Training to receive the certificate.

The Certificate of Completion confirms participation in the training. It does not represent an API-issued certification, professional licence, or independent qualification in RBI assessment.