

API 577 Welding Inspection and Metallurgy Training Course

OGI-1242 · 5 days · 15 CPD hours · English

Overview

The API 577 Welding Inspection and Metallurgy Training Course from [Institute For Oil & Gas Training](#) develops the practical knowledge and technical judgement required to inspect welds, evaluate welding quality and understand the metallurgical factors that influence the integrity of oil and gas equipment. The API 577 Welding Inspection and Metallurgy programme focuses on welding inspection, welding metallurgy, weld examination and welding procedures, equipping industry professionals to assess fabrication quality and support the safe, reliable operation of pressure-containing equipment and process facilities.

Welding is fundamental to the construction, modification, maintenance and repair of oil and gas infrastructure. Pipelines, pressure vessels, storage tanks, process piping, heat exchangers and other critical assets depend on welds that meet specified engineering, material and quality requirements. Defects introduced during welding, unsuitable welding parameters, inadequate joint preparation or poor control of material properties compromise equipment integrity and increase the risk of leaks, unplanned shutdowns, expensive repairs and operational disruption.

For organisations operating in upstream, midstream and downstream environments, effective welding inspection is an essential component of quality assurance and asset integrity management. Inspection personnel must understand more than the visual appearance of a completed weld. They need to recognise the relationship between welding processes, parent materials, filler metals, heat input, weld discontinuities and the heat-affected zone. They must also understand how welding procedures are qualified, how examination methods are selected and how inspection findings are evaluated against applicable acceptance criteria.

The API 577 Welding Inspection and Metallurgy Training Course addresses these requirements through a structured examination of welding technology, metallurgical principles, inspection techniques and industry standards. Participants develop the ability to interpret welding documentation, review welding procedures, identify common weld discontinuities and understand the technical considerations involved in evaluating weld quality. The programme also examines the responsibilities of welding inspectors and the relationship between inspection activities, fabrication controls and the long-term performance of equipment.

Welding metallurgy is particularly important when working with carbon steels, low-alloy steels, stainless steels and other materials used in demanding operating environments. Differences in chemical composition, material thickness, preheating requirements, cooling rates and post-weld heat treatment influence the resulting microstructure and mechanical properties. Understanding these relationships helps inspection professionals recognise conditions that require further examination, technical review or corrective action.

The course also explores the role of recognised industry standards in establishing consistent inspection practices. API Recommended Practice 577 provides guidance on welding inspection and metallurgy for personnel involved in the inspection of welding processes and associated fabrication activities. Participants examine its practical relevance

alongside other applicable codes and standards, including ASME Section IX for welding procedure and personnel qualification, ASME Section V for non-destructive examination, and the applicable construction code governing the equipment under inspection.

Delivered by Institute For Oil & Gas Training, this programme is designed for professionals who require a stronger technical foundation in welding inspection without losing sight of operational priorities. It connects inspection principles with practical workplace decisions, including the assessment of discontinuities, verification of documentation, review of examination results and communication of inspection findings.

By integrating welding processes, metallurgy, inspection planning and standards interpretation, the course supports a more consistent approach to fabrication quality and maintenance activities. Participants gain the knowledge needed to contribute to inspection effectiveness, reduce avoidable rework, strengthen quality documentation and support decisions that protect the integrity of oil and gas assets throughout their service life.

Objectives

- Explain the purpose and practical application of API 577 in welding inspection and metallurgy activities across the oil and gas sector.
- Distinguish between common welding processes and identify the operational factors that influence weld quality.
- Explain the relationship between material composition, welding parameters, heat input and the metallurgical characteristics of completed welds.
- Identify common weld discontinuities and explain their potential causes and implications for equipment integrity.
- Describe the purpose and limitations of visual examination and common non-destructive examination methods.
- Interpret welding procedure specifications and understand the significance of procedure qualification records.
- Explain the requirements associated with welder performance qualification and the control of welding variables.
- Recognise the purpose of preheating, interpass temperature control and post-weld heat treatment.
- Evaluate welding documentation and identify gaps that require clarification or corrective action.
- Relate inspection findings to the relevant construction code, examination requirements and acceptance criteria.
- Explain how inspection planning and quality assurance support fabrication reliability and operational safety.
- Communicate welding inspection findings clearly and contribute to evidence-based technical decisions.

Training methodology

Institute For Oil & Gas Training uses an applied, industry-focused delivery approach that connects technical principles with the inspection and fabrication challenges encountered across oil and gas operations. The training combines instructor-led explanations, practical case studies, document interpretation, group exercises and realistic inspection scenarios to develop a clear understanding of welding inspection and metallurgy.

The course focuses on how inspection requirements influence decisions during welding, fabrication, examination and repair. Technical discussions emphasise the relationship between welding procedures, material characteristics, process variables and the quality of completed welds, helping participants apply their knowledge to operational responsibilities.

Technical Briefings and Guided Discussions

Instructor-led sessions establish the essential principles of welding processes, joint preparation, weld terminology, metallurgy and inspection responsibilities. Participants examine the factors affecting weld quality and understand how these factors influence equipment integrity, fabrication acceptance and maintenance decisions.

Case Studies from Oil and Gas Operations

Practical case studies explore common welding problems, including incomplete fusion, porosity, cracking, undercut, dimensional irregularities and unsuitable welding parameters. Participants assess the potential causes of these discontinuities and consider the inspection evidence required to determine appropriate corrective actions.

Welding Procedure and Documentation Exercises

Participants work with representative welding procedure specifications, procedure qualification records, welder qualification documentation, material records and inspection reports. These exercises develop their ability to review technical documentation, identify missing information and verify that welding activities follow the applicable quality requirements.

Weld Examination Scenarios

Inspection scenarios introduce the selection and interpretation of visual examination and non-destructive examination methods. Participants examine the capabilities and limitations of visual testing, liquid penetrant testing, magnetic particle testing, ultrasonic testing and radiographic testing. The training explains how material characteristics, weld configuration, discontinuity type and applicable requirements influence the selection of an appropriate examination method.

Metallurgical Problem-Solving

Practical discussions examine the effects of heat input, cooling rates, preheating, interpass temperature and post-weld heat treatment on welded joints. Participants relate these variables to microstructural changes, hardness, cracking susceptibility and mechanical performance, developing a stronger understanding of the metallurgical factors that influence weld integrity.

Group Exercises and Technical Decision-Making

Collaborative exercises require participants to review inspection findings, identify documentation gaps, interpret acceptance requirements and recommend appropriate follow-up actions. These activities strengthen technical communication and encourage effective coordination between welding inspectors, welding engineers, quality personnel and maintenance teams.

Application to Workplace Responsibilities

Throughout the programme, participants connect course concepts with their responsibilities in fabrication, construction, shutdowns, repairs and maintenance. This approach supports the practical application of welding inspection principles in workplace inspection plans, quality control activities and asset integrity management.

Organisational impact

The API 577 Welding Inspection and Metallurgy Training Course supports organisational performance by strengthening the technical knowledge of personnel responsible for fabrication quality, inspection, maintenance and asset integrity. Improved understanding of welding processes and metallurgical behaviour helps companies identify potential problems earlier and apply inspection resources more effectively.

Improved Fabrication Quality

A stronger understanding of welding procedures, essential process variables and common discontinuities helps inspection teams recognise deviations before they develop into more significant quality issues. This supports consistent fabrication control and reduces the likelihood of defects progressing through subsequent production stages.

Reduced Rework and Repair Costs

Welding defects identified late in fabrication or during commissioning often require additional examination, repair welding, repeat testing and renewed documentation. Better inspection knowledge supports earlier identification of problems, clearer communication of corrective actions and more effective coordination between welding and quality teams.

Stronger Asset Integrity Management

Weld quality directly affects the integrity of pressure-containing equipment, piping systems and other critical infrastructure. Improved understanding of metallurgy and examination methods helps personnel recognise conditions that warrant further technical evaluation and supports informed maintenance and integrity decisions.

More Effective Inspection Planning

Personnel who understand the strengths and limitations of examination methods are better equipped to participate in selecting appropriate inspection techniques. This improves coordination between inspection requirements, material properties, weld geometry and the anticipated discontinuities under investigation.

Improved Standards Alignment

The programme develops familiarity with API 577 and its relationship with relevant ASME codes and other applicable technical requirements. This supports more consistent interpretation of inspection documentation and helps organisations identify the correct governing requirements for specific equipment and fabrication activities.

Better Documentation and Traceability

Accurate welding documentation supports the verification of material identity, procedure qualification, welder qualifications, examination results and repair activities. Strengthening these practices improves traceability and helps organisations demonstrate that inspection and quality activities have been appropriately recorded.

Enhanced Safety and Operational Reliability

Defects in critical welds can contribute to leakage, equipment failure and unplanned operational interruptions. Stronger inspection capability helps personnel recognise relevant warning signs, escalate concerns and support decisions that protect workers, equipment and the surrounding environment.

More Efficient Collaboration

Welding inspectors, quality assurance teams, maintenance engineers and operations personnel often approach problems from different technical perspectives. Shared knowledge of welding terminology, metallurgy and examination principles improves communication, reduces ambiguity and supports faster resolution of inspection findings.

Better Maintenance and Shutdown Decisions

During plant shutdowns, turnaround projects and repair campaigns, inspection findings influence work priorities and the sequence of maintenance activities. Improved technical judgement supports more effective assessment of welding-related concerns and helps teams coordinate repairs, examinations and return-to-service requirements.

Measurable Operational Improvements

Organisations can evaluate the benefits of training by monitoring practical performance indicators, including weld rejection rates, repair frequency, rework hours, examination turnaround times, documentation completeness and the recurrence of similar welding defects. Actual improvements depend on the implementation of the knowledge gained, the effectiveness of existing controls and the operating environment.

Personal impact

The API 577 Welding Inspection and Metallurgy Training Course strengthens the professional capability of personnel involved in welding inspection, fabrication quality and equipment integrity. Participants develop a broader understanding of the technical considerations behind inspection requirements and the decisions that influence weld acceptance, repair and continued service.

Stronger Welding Inspection Knowledge

Participants gain a structured understanding of welding processes, inspection terminology, discontinuities and examination methods. This foundation supports more confident participation in fabrication inspections, maintenance

activities and technical reviews.

Improved Understanding of Welding Metallurgy

The programme develops knowledge of material behaviour during welding, including heat-affected zone formation, cooling effects, cracking mechanisms and heat treatment. Participants learn to recognise why apparently similar welds can exhibit different metallurgical characteristics and inspection concerns.

Greater Confidence in Reviewing Procedures

Participants develop familiarity with welding procedure specifications, procedure qualification records and welder qualification documentation. They gain a clearer understanding of the purpose of these records and the information required to establish appropriate welding controls.

More Informed Technical Judgement

Through realistic scenarios, participants practise distinguishing between observed discontinuities, potential defects and conditions requiring further evaluation. They also learn to relate inspection evidence to the applicable acceptance criteria rather than relying on visual appearance alone.

Improved Professional Communication

Clear inspection reporting is essential when communicating with welding engineers, fabrication contractors, quality managers and operations personnel. The course strengthens participants' ability to describe findings, explain technical concerns and document recommended follow-up actions.

Enhanced Workplace Effectiveness

Participants acquire knowledge that supports their involvement in fabrication surveillance, maintenance inspections, shutdown projects and quality assurance reviews. They become better prepared to recognise documentation gaps and contribute to the resolution of welding-related problems.

Career Development

A stronger foundation in API 577, welding inspection and metallurgy supports professional development in inspection, quality control, welding coordination and asset integrity roles. The course provides relevant technical learning but does not, by itself, confer API certification or replace any separate qualification or examination requirement.

Greater Adaptability Across Projects

Oil and gas professionals frequently work with different materials, welding processes, contractors and construction specifications. A structured understanding of welding principles helps participants adapt their technical approach to different equipment types and project requirements while remaining attentive to the applicable governing codes.

Who should attend

- Welding Inspectors: Strengthen knowledge of welding processes, metallurgy, examination methods and inspection documentation.
- Quality Control Inspectors: Improve the ability to identify welding-related quality issues and verify compliance with applicable project requirements.
- Quality Assurance and Quality Control Engineers: Develop a stronger technical basis for reviewing welding procedures, inspection plans and quality records.
- Welding Engineers: Consolidate knowledge of welding metallurgy, procedure controls and the factors that influence weld integrity.
- Fabrication Supervisors: Improve oversight of welding activities, joint preparation, process control and corrective actions.
- Construction Managers: Strengthen their understanding of welding quality risks and the inspection requirements affecting project delivery.
- Pipeline Engineers and Inspectors: Develop knowledge relevant to pipeline welding, weld examination and the evaluation of fabrication quality.
- Mechanical Engineers: Improve their understanding of welded pressure equipment, piping systems and maintenance-related welding concerns.
- Corrosion and Materials Engineers: Understand the relationship between welding metallurgy, material behaviour and the integrity of welded components.
- Non-Destructive Testing Personnel: Strengthen their understanding of welding processes and the discontinuities encountered during examination.
- Maintenance and Reliability Engineers: Apply welding inspection principles when planning repairs, evaluating defects and supporting equipment reliability.
- Asset Integrity Professionals: Develop additional technical context for assessing weld-related findings and prioritising integrity concerns.
- Project Engineers and Managers: Improve coordination between fabrication activities, inspection requirements and quality documentation.

- Procurement and Vendor Quality Personnel: Better understand welding documentation, fabrication inspection requirements and supplier quality expectations.
- Technical Managers and Department Heads: Strengthen oversight of welding quality risks, inspection performance and technical resource requirements.

Course outline

Welding Fundamentals and Industry Applications

This module establishes the technical foundation required to understand welding inspection across oil and gas fabrication and maintenance environments. Participants examine the principal welding processes, joint configurations, welding terminology and variables that influence the quality of welded connections.

The module also considers the relationship between welding activities and the integrity of pressure-containing equipment, piping systems and other critical assets. Emphasis is placed on recognising process-related risks and understanding the information inspectors require when evaluating welding work.

Welding Metallurgy and Material Behaviour

This module examines the metallurgical changes that occur during welding and their implications for the performance of welded components. Participants explore the behaviour of parent metals, filler materials, weld metal and heat-affected zones, with attention to the effects of thermal cycles on material properties.

The module also addresses cracking susceptibility, hardness, cooling rates, preheating and post-weld heat treatment. Participants consider how material selection and welding controls influence the reliability of carbon steel, low-alloy steel and stainless steel components used in oil and gas facilities.

Welding Inspection and Examination Methods

This module focuses on inspection planning and the examination techniques used to evaluate weld quality. Participants examine the role of visual examination and common non-destructive examination methods in identifying discontinuities, determining their characteristics and supporting technical decisions.

The module explores inspection stages before, during and after welding. Participants consider joint preparation, consumable control, welding conditions, completed weld profiles, examination reports and the need to relate findings to specified acceptance criteria.

Welding Procedures, Qualification and Process Control

This module examines the documentation and controls used to establish consistent welding quality. Participants review welding procedure specifications, procedure qualification records, welder performance qualifications and the variables that influence whether welding activities remain within approved requirements.

The module also considers consumable management, material verification, welding parameter control, repair procedures and documentation of deviations. Participants explore how procedure compliance and effective

supervision contribute to quality assurance during fabrication, installation and maintenance work

Weld Acceptance, Repair and Quality Assurance

This module integrates welding inspection, metallurgy and standards interpretation into practical quality decisions. Participants examine how inspection findings are evaluated, how acceptance requirements are identified and how defects are managed through reporting, repair and subsequent examination.

The module also addresses inspection records, non-conformance management, corrective action and coordination between inspection, engineering, maintenance and operations teams. Participants apply the knowledge developed throughout the course to realistic oil and gas scenarios involving fabrication quality and equipment integrity.

Scheduled dates

Dates	Venue	Format	Fee
19 - 23 Oct 2026	Abu Dhabi, United Arab Emirates	In person	£4,100
19 - 23 Oct 2026	Abuja, Nigeria	In person	£4,100
19 - 23 Oct 2026	Accra, Ghana	In person	£4,100
19 - 23 Oct 2026	Addis Ababa, Ethiopia	In person	£4,100
19 - 23 Oct 2026	Al Ain, United Arab Emirates	In person	£4,100
19 - 23 Oct 2026	Al Khobar, Saudi Arabia	In person	£4,100
19 - 23 Oct 2026	Alberta, Canada	In person	£4,100
19 - 23 Oct 2026	AlUla, Saudi Arabia	In person	£4,100
19 - 23 Oct 2026	Amman, Jordan	In person	£4,100
19 - 23 Oct 2026	Amsterdam, Netherlands	In person	£4,100
19 - 23 Oct 2026	Athens, Greece	In person	£4,100
19 - 23 Oct 2026	Baku, Azerbaijan	In person	£4,100
19 - 23 Oct 2026	Barcelona, Spain	In person	£4,100
19 - 23 Oct 2026	Berlin, Germany	In person	£4,100
19 - 23 Oct 2026	Boston, United States	In person	£4,100
19 - 23 Oct 2026	Brussels, Belgium	In person	£4,100
19 - 23 Oct 2026	Budapest, Hungary	In person	£4,100
19 - 23 Oct 2026	Cairo, Egypt	In person	£4,100

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19 - 23 Oct 2026	Cape Town, South Africa	In person	£4,100
19 - 23 Oct 2026	Casablanca, Morocco	In person	£4,100
19 - 23 Oct 2026	Dammam, Saudi Arabia	In person	£4,100
19 - 23 Oct 2026	Dhahran, Saudi Arabia	In person	£4,100
19 - 23 Oct 2026	Doha, Qatar	In person	£4,100
19 - 23 Oct 2026	Dubai, United Arab Emirates	In person	£4,100
19 - 23 Oct 2026	Edinburgh, United Kingdom	In person	£4,100
19 - 23 Oct 2026	Edmonton, Canada	In person	£4,100
19 - 23 Oct 2026	Frankfurt, Germany	In person	£4,100
19 - 23 Oct 2026	Geneva, Switzerland	In person	£4,100
19 - 23 Oct 2026	Houston, United States	In person	£4,100
19 - 23 Oct 2026	Istanbul, Turkey	In person	£4,100
19 - 23 Oct 2026	Jakarta, Indonesia	In person	£4,100
19 - 23 Oct 2026	Jeddah, Saudi Arabia	In person	£4,100
19 - 23 Oct 2026	Jubail, Saudi Arabia	In person	£4,100
19 - 23 Oct 2026	Khamis Mushait, Saudi Arabia	In person	£4,100
19 - 23 Oct 2026	Kigali, Rwanda	In person	£4,100
19 - 23 Oct 2026	Kuala Lumpur, Malaysia	In person	£4,100
19 - 23 Oct 2026	Lisbon, Portugal	In person	£4,100
19 - 23 Oct 2026	Liverpool, United Kingdom	In person	£4,100
19 - 23 Oct 2026	London, United Kingdom	In person	£4,100
19 - 23 Oct 2026	Los Angeles, United States	In person	£4,100
19 - 23 Oct 2026	Luanda, Angola	In person	£4,100
19 - 23 Oct 2026	Madrid, Spain	In person	£4,100
19 - 23 Oct 2026	Manama, Bahrain	In person	£4,100
19 - 23 Oct 2026	Marbella, Spain	In person	£4,100

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19 - 23 Oct 2026	Marrakech, Morocco	In person	£4,100
19 - 23 Oct 2026	Miami, United States	In person	£4,100
19 - 23 Oct 2026	Milan, Italy	In person	£4,100
19 - 23 Oct 2026	Munich, Germany	In person	£4,100
19 - 23 Oct 2026	Muscat, Oman	In person	£4,100
19 - 23 Oct 2026	Nairobi, Kenya	In person	£4,100
19 - 23 Oct 2026	New York, United States	In person	£4,100
19 - 23 Oct 2026	Nice, France	In person	£4,100
19 - 23 Oct 2026	Nouakchott, Mauritania	In person	£4,100
19 - 23 Oct 2026	Oslo, Norway	In person	£4,100
19 - 23 Oct 2026	Paris, France	In person	£4,100
19 - 23 Oct 2026	Port Louis, Mauritius	In person	£4,100
19 - 23 Oct 2026	Prague, Czech Republic	In person	£4,100
19 - 23 Oct 2026	Pretoria, South Africa	In person	£4,100
19 - 23 Oct 2026	Riyadh, Saudi Arabia	In person	£4,100
19 - 23 Oct 2026	Rome, Italy	In person	£4,100
19 - 23 Oct 2026	Sarajevo, Bosnia and Herzegovina	In person	£4,100
19 - 23 Oct 2026	Sharm El Sheikh, Egypt	In person	£4,100
19 - 23 Oct 2026	Singapore	In person	£4,100
19 - 23 Oct 2026	Stockholm, Sweden	In person	£4,100
19 - 23 Oct 2026	Tokyo, Japan	In person	£4,100
19 - 23 Oct 2026	Toronto, Canada	In person	£4,100
19 - 23 Oct 2026	Tromso, Norway	In person	£4,100
19 - 23 Oct 2026	Vienna, Austria	In person	£4,100
19 - 23 Oct 2026	Zagreb, Croatia	In person	£4,100
19 - 23 Oct 2026	Zurich, Switzerland	In person	£4,100

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19 - 23 Oct 2026	Online, Virtual	Online	£4,100
15 - 19 Feb 2027	Abu Dhabi, United Arab Emirates	In person	£4,100
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15 - 19 Feb 2027	Al Ain, United Arab Emirates	In person	£4,100
15 - 19 Feb 2027	Al Khobar, Saudi Arabia	In person	£4,100
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15 - 19 Feb 2027	Cape Town, South Africa	In person	£4,100
15 - 19 Feb 2027	Casablanca, Morocco	In person	£4,100
15 - 19 Feb 2027	Dammam, Saudi Arabia	In person	£4,100
15 - 19 Feb 2027	Dhahran, Saudi Arabia	In person	£4,100
15 - 19 Feb 2027	Doha, Qatar	In person	£4,100
15 - 19 Feb 2027	Dubai, United Arab Emirates	In person	£4,100
15 - 19 Feb 2027	Edinburgh, United Kingdom	In person	£4,100

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15 - 19 Feb 2027	Edmonton, Canada	In person	£4,100
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14 - 18 Jun 2027	Paris, France	In person	£4,100
14 - 18 Jun 2027	Port Louis, Mauritius	In person	£4,100
14 - 18 Jun 2027	Prague, Czech Republic	In person	£4,100
14 - 18 Jun 2027	Pretoria, South Africa	In person	£4,100

Dates	Venue	Format	Fee
14 - 18 Jun 2027	Riyadh, Saudi Arabia	In person	£4,100
14 - 18 Jun 2027	Rome, Italy	In person	£4,100
14 - 18 Jun 2027	Sarajevo, Bosnia and Herzegovina	In person	£4,100
14 - 18 Jun 2027	Sharm El Sheikh, Egypt	In person	£4,100
14 - 18 Jun 2027	Singapore	In person	£4,100
14 - 18 Jun 2027	Stockholm, Sweden	In person	£4,100
14 - 18 Jun 2027	Tokyo, Japan	In person	£4,100
14 - 18 Jun 2027	Toronto, Canada	In person	£4,100
14 - 18 Jun 2027	Tromso, Norway	In person	£4,100
14 - 18 Jun 2027	Vienna, Austria	In person	£4,100
14 - 18 Jun 2027	Zagreb, Croatia	In person	£4,100
14 - 18 Jun 2027	Zurich, Switzerland	In person	£4,100
14 - 18 Jun 2027	Online, Virtual	Online	£4,100
18 - 22 Oct 2027	Abu Dhabi, United Arab Emirates	In person	£4,100
18 - 22 Oct 2027	Abuja, Nigeria	In person	£4,100
18 - 22 Oct 2027	Accra, Ghana	In person	£4,100
18 - 22 Oct 2027	Addis Ababa, Ethiopia	In person	£4,100
18 - 22 Oct 2027	Al Ain, United Arab Emirates	In person	£4,100
18 - 22 Oct 2027	Al Khobar, Saudi Arabia	In person	£4,100
18 - 22 Oct 2027	Alberta, Canada	In person	£4,100
18 - 22 Oct 2027	AlUla, Saudi Arabia	In person	£4,100
18 - 22 Oct 2027	Amman, Jordan	In person	£4,100
18 - 22 Oct 2027	Amsterdam, Netherlands	In person	£4,100
18 - 22 Oct 2027	Athens, Greece	In person	£4,100
18 - 22 Oct 2027	Baku, Azerbaijan	In person	£4,100
18 - 22 Oct 2027	Barcelona, Spain	In person	£4,100

Dates	Venue	Format	Fee
18 - 22 Oct 2027	Berlin, Germany	In person	£4,100
18 - 22 Oct 2027	Boston, United States	In person	£4,100
18 - 22 Oct 2027	Brussels, Belgium	In person	£4,100
18 - 22 Oct 2027	Budapest, Hungary	In person	£4,100
18 - 22 Oct 2027	Cairo, Egypt	In person	£4,100
18 - 22 Oct 2027	Cape Town, South Africa	In person	£4,100
18 - 22 Oct 2027	Casablanca, Morocco	In person	£4,100
18 - 22 Oct 2027	Dammam, Saudi Arabia	In person	£4,100
18 - 22 Oct 2027	Dhahran, Saudi Arabia	In person	£4,100
18 - 22 Oct 2027	Doha, Qatar	In person	£4,100
18 - 22 Oct 2027	Dubai, United Arab Emirates	In person	£4,100
18 - 22 Oct 2027	Edinburgh, United Kingdom	In person	£4,100
18 - 22 Oct 2027	Edmonton, Canada	In person	£4,100
18 - 22 Oct 2027	Frankfurt, Germany	In person	£4,100
18 - 22 Oct 2027	Geneva, Switzerland	In person	£4,100
18 - 22 Oct 2027	Houston, United States	In person	£4,100
18 - 22 Oct 2027	Istanbul, Turkey	In person	£4,100
18 - 22 Oct 2027	Jakarta, Indonesia	In person	£4,100
18 - 22 Oct 2027	Jeddah, Saudi Arabia	In person	£4,100
18 - 22 Oct 2027	Jubail, Saudi Arabia	In person	£4,100
18 - 22 Oct 2027	Khamis Mushait, Saudi Arabia	In person	£4,100
18 - 22 Oct 2027	Kigali, Rwanda	In person	£4,100
18 - 22 Oct 2027	Kuala Lumpur, Malaysia	In person	£4,100
18 - 22 Oct 2027	Lisbon, Portugal	In person	£4,100
18 - 22 Oct 2027	Liverpool, United Kingdom	In person	£4,100
18 - 22 Oct 2027	London, United Kingdom	In person	£4,100

Dates	Venue	Format	Fee
18 - 22 Oct 2027	Los Angeles, United States	In person	£4,100
18 - 22 Oct 2027	Luanda, Angola	In person	£4,100
18 - 22 Oct 2027	Madrid, Spain	In person	£4,100
18 - 22 Oct 2027	Manama, Bahrain	In person	£4,100
18 - 22 Oct 2027	Marbella, Spain	In person	£4,100
18 - 22 Oct 2027	Marrakech, Morocco	In person	£4,100
18 - 22 Oct 2027	Miami, United States	In person	£4,100
18 - 22 Oct 2027	Milan, Italy	In person	£4,100
18 - 22 Oct 2027	Munich, Germany	In person	£4,100
18 - 22 Oct 2027	Muscat, Oman	In person	£4,100
18 - 22 Oct 2027	Nairobi, Kenya	In person	£4,100
18 - 22 Oct 2027	New York, United States	In person	£4,100
18 - 22 Oct 2027	Nice, France	In person	£4,100
18 - 22 Oct 2027	Nouakchott, Mauritania	In person	£4,100
18 - 22 Oct 2027	Oslo, Norway	In person	£4,100
18 - 22 Oct 2027	Paris, France	In person	£4,100
18 - 22 Oct 2027	Port Louis, Mauritius	In person	£4,100
18 - 22 Oct 2027	Prague, Czech Republic	In person	£4,100
18 - 22 Oct 2027	Pretoria, South Africa	In person	£4,100
18 - 22 Oct 2027	Riyadh, Saudi Arabia	In person	£4,100
18 - 22 Oct 2027	Rome, Italy	In person	£4,100
18 - 22 Oct 2027	Sarajevo, Bosnia and Herzegovina	In person	£4,100
18 - 22 Oct 2027	Sharm El Sheikh, Egypt	In person	£4,100
18 - 22 Oct 2027	Singapore	In person	£4,100
18 - 22 Oct 2027	Stockholm, Sweden	In person	£4,100
18 - 22 Oct 2027	Tokyo, Japan	In person	£4,100

Dates	Venue	Format	Fee
18 - 22 Oct 2027	Toronto, Canada	In person	£4,100
18 - 22 Oct 2027	Tromso, Norway	In person	£4,100
18 - 22 Oct 2027	Vienna, Austria	In person	£4,100
18 - 22 Oct 2027	Zagreb, Croatia	In person	£4,100
18 - 22 Oct 2027	Zurich, Switzerland	In person	£4,100
18 - 22 Oct 2027	Online, Virtual	Online	£4,100

Certificate

Participants who successfully complete the API 577 Welding Inspection and Metallurgy Training Course receive a Certificate of Completion from Institute For Oil & Gas Training, subject to meeting the course attendance requirement.

The certificate recognises participation in and completion of the training programme. It does not represent API certification, professional licensing or an independently awarded welding inspector qualification. Participants seeking a separate professional certification must satisfy the applicable eligibility, examination and certification requirements established by the relevant awarding organisation.