

Welcome to Code A Weld



UKAS accredited - Weld Inspection, Certification, Destructive Testing and Non-Destructive Testing

Operating throughout the UK and further afield, with regional offices in Bristol, London, Manchester and Aberdeen, Code A Weld's professional services have supported its national and international customers for over 40 years.

Our core focus is providing RTPO (Recognised Third Party Organisation) Weld Inspection, Certification and Reporting services. This is supported by and operated alongside fully independent dedicated services that provide non-destructive and destructive mechanical testing services.

Our Approach

Ultra-efficient service, sensible rates and people who are a pleasure to work with define our company, giving our customers meaningful, start-to-finish value on every project. Our approach has helped us become one of the best known and most respected companies of its kind, with our unique certification seal recognisable as a world-class guarantee of highest quality performance.

Code A Weld's Mission

Code A Weld's mission is to be recognised as the best and most customer-focused independent weld testing company in the UK, based on our exceptional expertise, experience and reliability

About Us

Our independent in-house and on-site services support a wide range of businesses and organisations - from nuclear, renewable energy, oil & gas and aerospace industries to rail, automotive, pharmaceutical, marine and food sectors.



Dedicated Services

Our three independently run services provide superb quality services, with each holding their own United Kingdom Accreditation Service (UKAS) accreditation. Delivered by an exceptionally skilled and very approachable team, we provide:

- **Weld Inspection/Surveillance**— for welds, welding procedures and welder recertification
- **Non-Destructive Testing** – for weldments and metallic materials, on-site and in-house
- **Mechanical Testing** - for weldments and metallic materials.

Each service has its own dedicated manager, with the work of all our surveyors and technicians audited against our UKAS/PCN-approved procedures by a quality manager who ensures on-going compliance and professionalism. Code A Weld comprises of a determined team of knowledgeable professionals who have immense pride in the value of our services and the quality of our customer relationships.

Recognised Quality Standards

Our welding surveyors work to a specific in-house procedure that wholly satisfies the requirements of ISO 17020 and ISO 17024; our laboratory technicians follow specific in-house procedures that meet the requirements of ISO 17025; and our annual UKAS audits ensure that staff performance is assessed by an external body against these internationally recognised standards.

Expert non-destructive testing and mechanical testing are an important facility for our customers. The testing department operates completely independently from our weld inspection services, which guarantees total impartiality and no conflict of interest. Working in state-of-the-art accredited laboratory, our highly qualified and meticulous technicians work to recognised quality standards. Tests are performed in-house or at your site if appropriate.

Certification

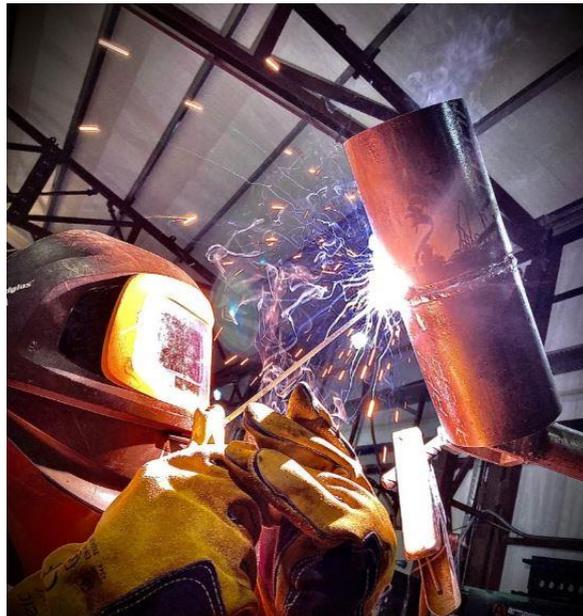
Through our UKAS accreditation, we hold a Department for Business, Energy & Industrial Strategy (BEIS) appointment as a Recognised Third-Party Organisation (RTPO). This allows us to witness Welding Procedure and Welder Qualification tests for work to be used under the Pressure Equipment (Safety) Regulations.

Our comprehensive and fully independent third party inspection services operate nationwide, across Europe and even further afield. Our certification documents are recognised and accepted worldwide by insurance and regulatory bodies and give our customers an important guarantee of compliance for their own sales and marketing purposes.

Welding Procedure & Qualification Testing

Our Independent Certification service comprises a complete package in respect of producing WPQRs/ PQRs. Our fully trained and qualified inspectors will attend your site and through a unique company-welder interaction method, collate all of the required data to produce the relevant certification. We then coordinate the required testing with a UKAS accredited laboratory, with results produced within a **maximum of 3-5 days** working days.

Our experience and knowledge ensure minimum input from our customers and minimum disruption to their operations. In an industry where lead times are ever decreasing, we guarantee to provide a service that will not disappoint, with our unique certification seal recognisable as a world-class guarantee of highest quality performance.



Welder Performance Qualification

Our Inspection service can independently witness and verify welders, who follow detailed written instructions to produce test pieces (usually in the form of a Preliminary Welding Procedure Specification – pWPS – or a Welding Procedure Specification – WPS). We then coordinate testing of these pieces through an independent UKAS accredited laboratory to enable qualification or coding to a National, European or Internationally recognised standard.

Non-Destructive Testing (NDT)

We are one of the leading NDT companies in the UK. Our services are extremely thorough and we provide individual and detailed reports for each NDT method. Our NDT services can be carried out in-house as well as at customers sites, with our team of technicians able to travel nationwide.

Our NDT services include:

Visual Inspection (VI) | Liquid Dye Penetrant Inspection (LPI/DPI) | Portable Hardness Testing |
Magnetic Particle Inspection (MPI) | Ultrasonic Testing (UT) | Positive Material Identification (PMI) |
Radiography/X-Ray | Eddy Current | Phased Array |



Depending on the type of industry you are in, there exists a wide range of NDT methods that will fit your needs. Always keep in mind that the quality and durability of structures depends on how often you test them for flaws. If you are not sure of which NDT technique best suits your needs, call us today for more information.

Mechanical/Destructive Testing (DT)

Our mechanical testing services cover a wide range of requirements, such as for raw or parent materials, complicated components, production samples and qualification test samples. We use industry-recognised methods to deliver accurate results, with all of our tests carried out by an accredited laboratory.

A modern, fully equipped laboratory enables the following testing to be performed; Tensile Testing | Fatigue Testing | Stress Rapture | Corrosion Tests | V Notch Impacts | G48 Corrosion Tests | Bend Testing | Hardness Testing | Chemical Analysis | Failure Investigations | Macroscopic Examinations | Microscopic Examinations.



Mechanical testing is one of the most essential elements of the manufacturing process. The primary goal is to ascertain that products are completely safe. Its an important part of attaining cost-effective designs, superiority, and technological evolution.

We ensure that you can enjoy these benefits by delivering a high quality and bespoke service. Our professionals are trained to rely on state-of-the-art mechanical testing equipment for both metallic and no metallic testing services. Our custom built facility makes it even easier to work and deliver independent, accurate, and confidential test results. Regardless of your requirements, we will adhere to the highest mechanical testing standards.



code a weld®

Welding Certification since 1982

Construction Skills Certification Scheme (CSCS)

Code A Weld and TWI Certification Ltd have joined up to offer Welder Approval Testing and Certification to support the industry.

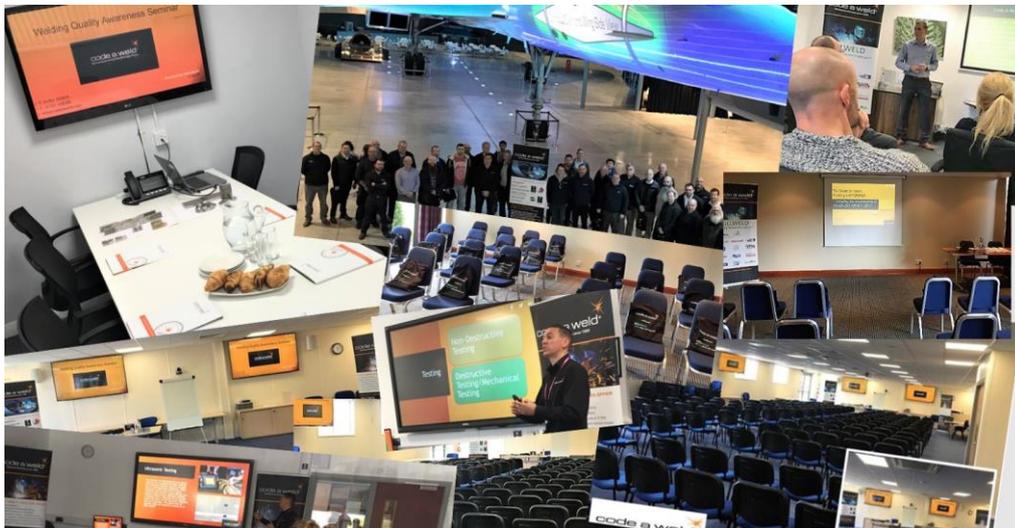
The agreement has enabled Code A Weld to undertake assessments and weld testing for welders seeking CSCS approval, essential for access to construction sites.



Welding Related Seminars

Bespoke seminars delivered at your premisses to continue customers professional development.

Topics can be tailored to your specific needs and can cover but are certainly not limited to the following: Welding Procedure Qualification, Mechanical Testing, Non Destructive Testing, Health and Safety, Welding Processes, Welding Quality Awareness.



Aberdeen | Bristol | London | Manchester | Dublin | Belfast

codeaweld.com

Contact Us

Bristol Office

Units 1 & 2, Forth Avenue, Westfield Industrial Estate, Radstock, BA3 4XE

E: info@codeaweld.com | T: 01761 700 962

Manchester Office

Unit B1, Fallons Road, Warley Industrial Estate, Swinton, Manchester, M28 2NY

T: 0161 516 5410

London Office

5 St Johns Lane, London, EC1M 4BH

T: 02039 932 814

Dublin Office

6-9 Trinity Street, Dublin 2, DO2 EY47

Aberdeen Office

T: 01224 003 687

Belfast Office

T: 0289 568 4920