



Applied Inspection Limited

non-destructive testing, materials testing, consultancy, training and welding



Non Destructive Testing

Consultancy

Welding

Materials Testing

Training



Introduction

Applied Inspection is an ISO 9001:2008 and Link-Up accredited company providing non-destructive testing and training, welding, welder training and materials testing both on site and from one of three fully equipped laboratories in Chesterfield, Burton on Trent and Ossett in West Yorkshire, as well as a dedicated rail office in Glasgow.

The company was formed in 1984 becoming an associate member of BINDT and rapidly gaining a reputation for being one of the most highly qualified NDT companies within the United Kingdom. We have a world wide reputation for providing a fast reacting and professional service to a vast range of industries including; petrochemical, nuclear electric, off-shore, rail, power generation, mining, gas, construction, foundries and general engineering as well as fairgrounds and amusement parks. Our round the clock service ensures that we are always available to our customers.

Our major strength is a superb team of highly qualified and experienced permanent staff, the majority of whom have been with us for many years and now number over 80 across the four sites. The management team comprises of eight personnel qualified to ASNT, ACCP and PCN level III; with some 70 technicians qualified to level II. Our mission is to continue to invest in the training and development of our staff in order to ensure our service level is of a consistently high standard.



Non-Destructive Testing

Applied Inspection offer a comprehensive range of non-destructive testing headed by experienced and knowledgeable personnel with the commitment to provide customers with a service second to none.

Radiography – X-ray and gamma ray, iridium 192 and cobalt 60

Ultrasonics

Magnetic particle inspection

Dye penetrant inspection

Eddy current testing

Visual testing

Outsourced NDT

Rail Division

Our dedicated rail division offers a comprehensive range of services carried out by highly qualified and experienced personnel who are all PTS and Safety Critical approved and we hold approval to RIS-2701-RST (rail industry standard for NDT processes on rail vehicles). Our services include;

Fleet checks

Procedure writing

Wheel-set inspection

Ultrasonic axle testing

Bogie frame inspection

Axle boxes – removal and fitting

Applied Inspection is able to provide preparation, validation, development and approval of non-destructive test procedures as well as the provision of a complete technical support service.





Non Destructive Testing Consultancy

Applied Inspection level III personnel carry out contracts for a wide range of small and large companies working to PCN, ASNT, ACCP and other accreditation schemes.

The scope of Consultancy work we undertake involves;

Preparation of QA documentation to incorporate non-destructive testing activities

Auditing and cross-checking activities; ensuring processes and the application of various NDT techniques are in accordance with applicable specifications

Provision of third party assistance for evaluation of NDT procedures and inspection

Compilation of NDT procedures and techniques in accordance with a wide range of national and international codes, standards and specifications

Provision of training and certification of NDT personnel in accordance with the American Society of Non-Destructive Testing document SNT-TC-1A

Non Destructive Testing Training

In conjunction with TWI we provide NDT training to PCN Level II and ASNT Level II nationally and globally; delivering courses on site or at one of our facilities.

Training courses are available in the following inspection disciplines;

- Radiography
- Ultrasonics
- Magnetic particle
- Liquid penetrant
- Eddy current

Rope Access

We are registered with the Amusement Device Inspection Procedures Scheme (A.D.I. P. S) to provide NDT to the leisure industry. We are also able to provide fully qualified IRATA trained rope access technicians qualified to PCN level II and experienced in ultrasonics, eddy current, MPI, DPI and visual inspection.



Welding Services

Applied Inspection provide a professional and comprehensive welding and welder training service throughout the UK. Our staff are experienced in all processes and material types, offering a service to suit your business needs. We hold third party quality approval from BSI to ISO 9001: 2008 for welding services, both on-site and at our Burton on Trent welding facility.

Professional Welding Services

- Are you having difficulties in achieving a consistently high standard of weld?
- Do you need a welding procedure writing?
- Do your welders need certification to a BS EN standard?
- Are you looking to undertake work previously out of your scope?

Utilising the skills of our highly qualified staff could be of considerable benefit to your company; increasing productivity whilst maintaining quality and ensuring conformance to recognised standards.

Welding Consultancy

We can be your very own *virtual welding manager* covering all aspects of your welder and welding requirements; from procedure writing to approval of your welders as well as problem solving and pre-employment assessments. Our highly competitive rates give you all the benefits of having a welding manager without having someone on your payroll.

Welding Inspection

Applied Inspection currently offer this service to a variety of industries including; foundries, construction, rail, rolling stock, oil and gas companies.

Welding Development

Can you afford to turn any work down?

If you are venturing into new markets we are ideally suited to assist you in putting in place the appropriate welding procedures, welder training and approval to the relevant standard.

Practical Welding Services

Specialist Welding

We provide a highly skilled welding service in all processes - MMA, MIG/MAG, FCAW/GAS and TIG, and all material types; either on-site or within our own premises.

Welding Repairs

Our professional welders are able to undertake weld repairs at your own premises at a time to suit your production schedule or alternatively, we will carry out repairs here at Applied Inspection. A collection and delivery service is also available.

Production Welding

Our skilled welders are able to work along-side your existing workforce, providing you with a cost effective option that fits in with your shift patterns and production schedule.

Training

Our training facility boasts six fully equipped welding booths, all with the latest equipment. Our trainers are fully conversant with all methods of welding and the most commonly used standards; giving you the confidence that your welders will be trained to the highest standard.

**APPLIED
INSPECTION**



Materials Testing

We offer a wide range of metallurgical analysis and materials consultancy; including component failure investigations, warranty claims, metallography, reverse engineering and corrosion investigations. We also offer a collection and delivery service for your convenience.

Material Analysis

Applied Inspection provides a comprehensive and competitively priced range of materials testing in our laboratory or, where appropriate, on site at our customers' premises. We are able to carry out analysis on a range of materials including metals, ceramic and polymers. Analysis of samples can be carried out using a wide range of analytical techniques.

Services Include;

- Component failure analysis
- Forensic investigation/Expert witness
- Warranty
- Reverse engineering
- Hardness surveys
- Macro examination
- Compositional analysis/surface analysis
- Positive material identification (PMI-XRF analyser)
- Ferrite determination (Fischer FMP30)



Contact Us

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