

# JOHN TRACEY SPECIALIST WELDING

**JOHN TRACEY SPECIALIST WELDING**  
UNIT F8  
WESTWAYS PARK  
PORTERFIELD ROAD  
RENFREW, PA4 8DJ

T: (+44) 0141 885 4144  
E: [JTSW@MALINGROUP.COM](mailto:JTSW@MALINGROUP.COM)  
W: [WWW.JOHNTRACEYWELDING.COM](http://WWW.JOHNTRACEYWELDING.COM)

# CONTENTS

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## Page

- 3. Your Welding Needs Served
- 5. Serving All Industries
- 7. Your Specialist Training Provider
- 10. Training Courses to Meet your Needs
- 12. A Range of Training Courses
- 14. Consultancy and Welding Inspection
- 16. Specialist Pipe Work
- 18. Why JTSW?



# YOUR WELDING NEEDS SERVED

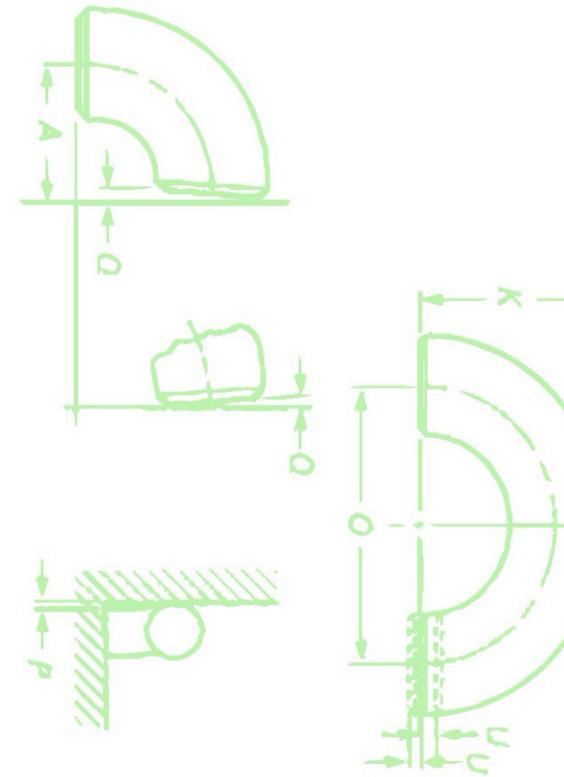
We offer clients a fully comprehensive welding service, from welding inspection to consultancy, 24 hours a day. With a commitment to the use of the latest techniques, we continually invest in ongoing training and development, from metallurgical compatibility of new materials and new welding rods, to new procedures and new test techniques.

We offer an array of qualified weld procedures, covering a range of exotic materials including fine grain, high strength steels, aluminium, stainless steel, super duplex, titanium and cupifer. Our welding capabilities include:

- 111 - MMA
- 135 - GMAW
- 136 - FCAW
- 141 - TIG

This expansive range of procedures ensures that we provide clients with the most effective solution to meet their needs.

John Tracey Specialist Welding Ltd has been a long standing business within the welding industry for over 28 years, with a superb reputation and a high quality of workmanship.



This end flush against

We operate from a fully equipped, modern workshop and employ a multi-skilled workforce, who between them, have extensive experience in:

#### **Renewables**

- Welding for Hydrogen, Geothermal and Tidal Power Industries

#### **Mobilisations and Demobilisations**

- Mobilised to many locations worldwide within 24-48 hours turnaround time to deliver varied welding scopes including sea fastenings, specialist equipment requiring welding to engine room, decks, superstructure or control towers, vessel repairs and custom retrofits

#### **Pipework**

- Specialist pipework covering many industries including for example super duplex high corrosion chemical lines 100% RT completed with 0 repairs in Teesport

#### **Construction**

- Gas Riser Installations and manifolds required for New Build Developments and Retrofit Projects

#### **Food and pharmaceuticals**

- Hygiene Pipework for food manufacturing facilities typically high-grade stainless steel  
Specialist pipework for corrosive chemicals for pharmaceutical facilities

#### **Defence**

- Specialist welding for a wide array of project types, many processes and materials

#### **Marine / Submersibles**

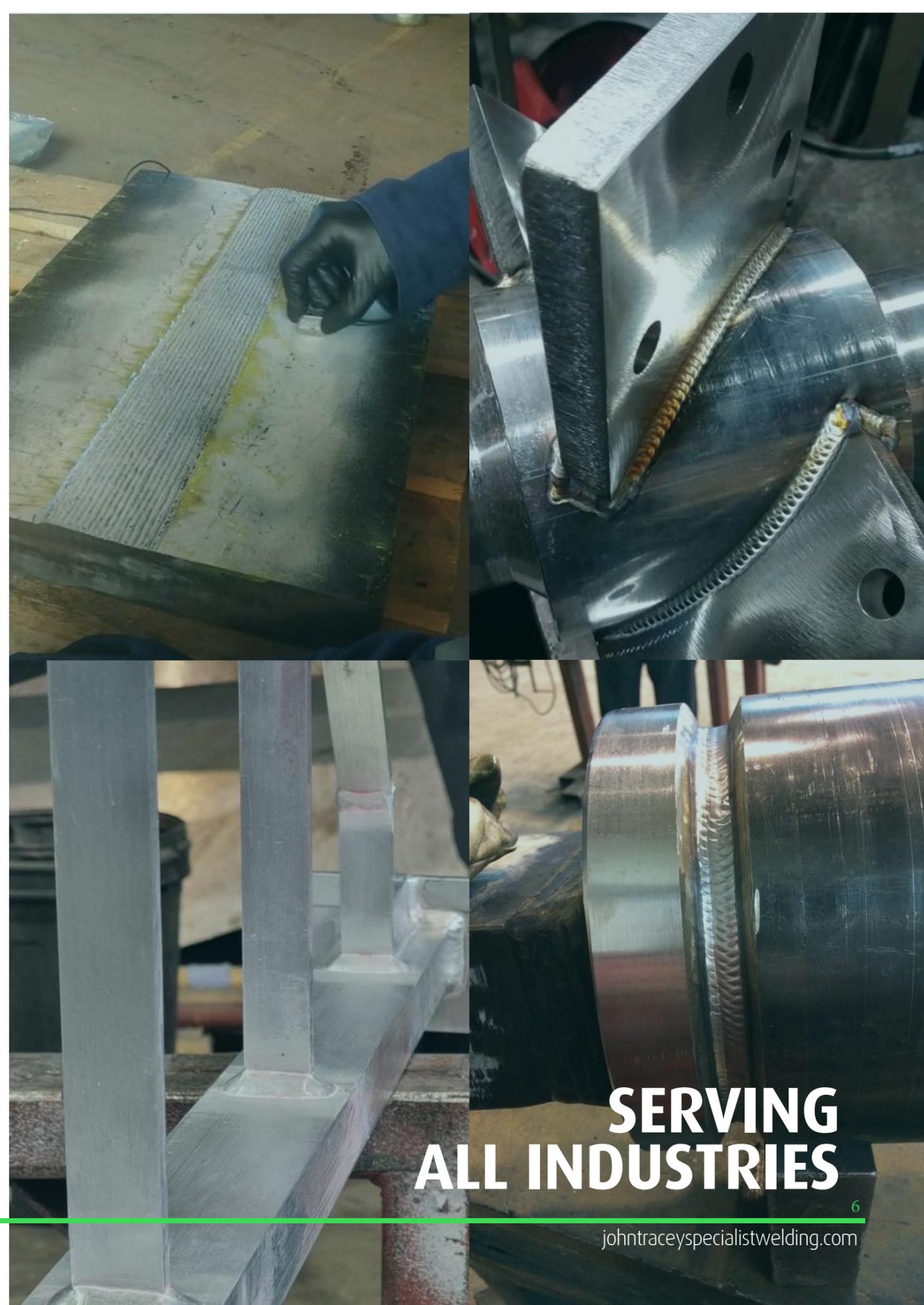
- High quality bespoke pipe spool sections requiring pressure testing and 100% NDT including X-ray

#### **Aerospace**

- Specialist welding for Helicopter parts including tubing

#### **Maintenance Frameworks**

- Weir Gate, Erskine Bridge and M6 Motorway Repairs



**SERVING  
ALL INDUSTRIES**

# YOUR SPECIALIST TRAINING PROVIDER

Recognised as one of the leading independent companies in welder training, testing and certification, all graduates from our training courses receive endorsement and certification by Lloyds Register.

Our range of specialist welding training courses are structured to give the maximum practical benefit to the trainees; they are delivered by experienced welders and overseen by fully qualified inspectors. Our training school has been approved by the Engineering Industries Training Board for Manual Metal Arc Welding, Tungsten Inert Gas Welding, Metal Inert Gas Welding, Metal Active Gas Welding and Flux Core Arc Welding.

All of our training courses use MMA, TIG, MIG / MAG and FCAW welding procedures qualified to ISO 15614 – and all graduates are qualified to ISO 9606.

We have a respected client base, who we strive to serve the needs of.

*'Having used John Tracey Specialist Welding Ltd for over 15 years, I am very impressed by the level of knowledge and experience that they offer to our company. Their knowledge in producing specific welding procedures to meet all welding standards removes the burden of error when interpreting customer requirements.'*

*Alan Tomkinson, Nufab Engineering Ltd.*

*'John Tracey Specialist Welding always deliver a top class service that has been tailored to our exact needs.'*

*GlaxoSmithKline (GSK)*

*"We use John Tracey Specialist Welding as they work to an extremely high standard, are reliable and have all the certifications our clients require."*

*Elaine Stewart  
Soron Ltd.*

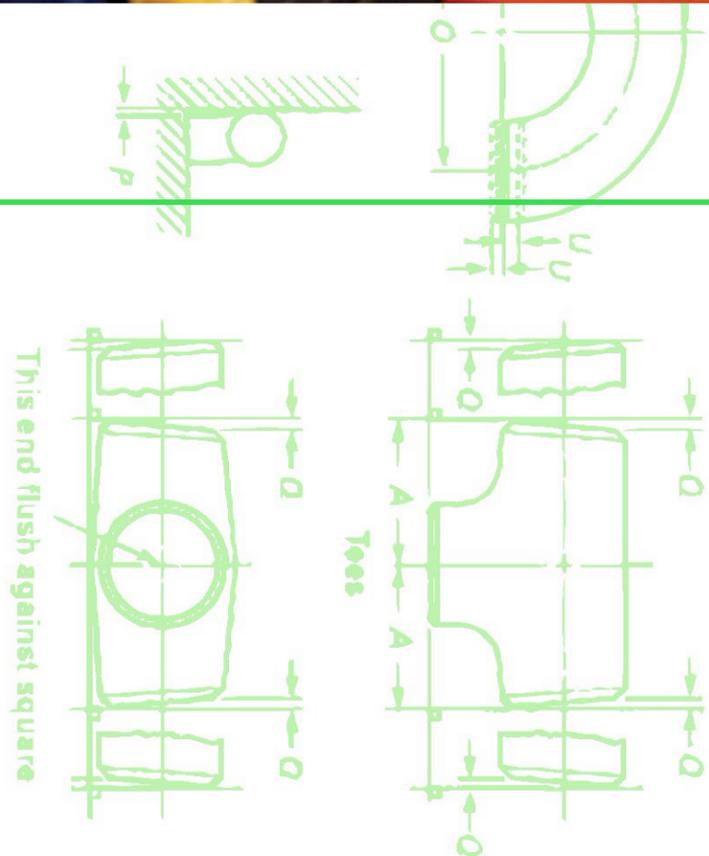
*"The quality of the workmanship, regardless of material type, is second to none. I have used many other welding firms across the years but now I would only use JTSW."*

*John Rorison  
Euroscot Engineering*





## TRAINING COURSES TO MEET YOUR NEEDS

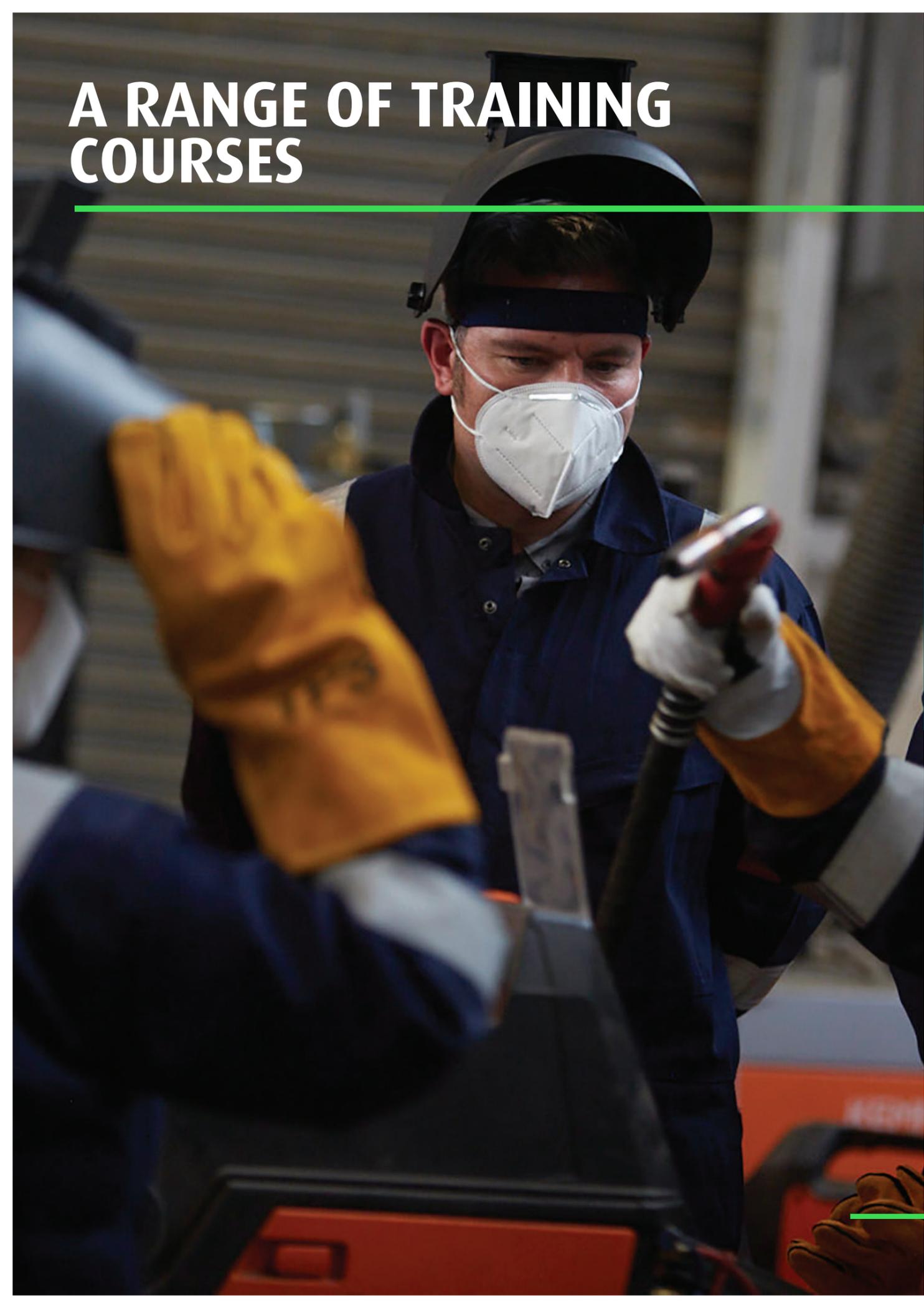


John Tracey Specialist Welding (JTSW) provide a comprehensive welder test service for both companies and individuals, looking to achieve coded qualification in line with international standards, such as BS EN 9606 and ASME IX. All personnel meeting the test requirements will receive a unique examination and identity certificate, endorsed by recognised third party authorities such as Lloyds Register and DNV.

JTSW also provide structured training courses, each tailor-made to your specialist requirements, delivering maximum benefit and providing you with the confidence to be self-assured when it comes to welding; both practically and theoretically. Our respected instructors, who bring a range of enviable experience, from a range of global projects, give personal attention to each trainee to ensure a full understanding of various industry requirements.

There are a range of options for basic, intermediate, and advanced training highlighted overleaf which include practical welding practice in horizontal, vertical, or overhead positions, as well as the option to work with a range of materials (including exotic alloys) and material thicknesses in both plate and pipe. We also offer the chance to practice some of the basics required for plating and pipefitting from experienced trades people in the workshop; our 'intro to' courses offer key employability skills for your employees and wider marketplace.

# A RANGE OF TRAINING COURSES



## **Basic Training**

This course is for the beginner who is new to welding; as such, no prior experience is required. If an individual has a willingness to gain hands on practical welding experience, as well as understand some of the basic theory, then this course is the perfect fit. With the opportunity to be tailored to suit your exact requirements, individuals can train for as little as a couple of weeks intensively to have a foundation level understanding in how to weld safely. Within a 4-week period the individual may be able to progress to complete a test for coding either fillet or butt depending on skill set.

Introduction to fabrication and pipefitting courses are also available, covering the basics, alongside the practical application of the theory.

Each of these courses would be a minimum recommended one-week duration; this provides ample time to cover the use of all equipment, the reading of drawings, and the production of a practical piece.

## **Intermediate Training**

Intermediate courses are suitable for anyone who has the basic welding skills and are looking to develop their skills further. Ideally, we would look for candidates who have at least one year working in industry, with a need for an increased skill set, for example, completing additional coding with other processes or materials. The program consists of intensive practical training with additional theory around the materials and processes. The courses may be structured in accordance with existing skill sets; as such, there is no set prescribed timeframe, however at least a week is recommended for working with new materials and at least two weeks for a new process. After the training you can proceed straight to completing a test.

## **Advanced Training**

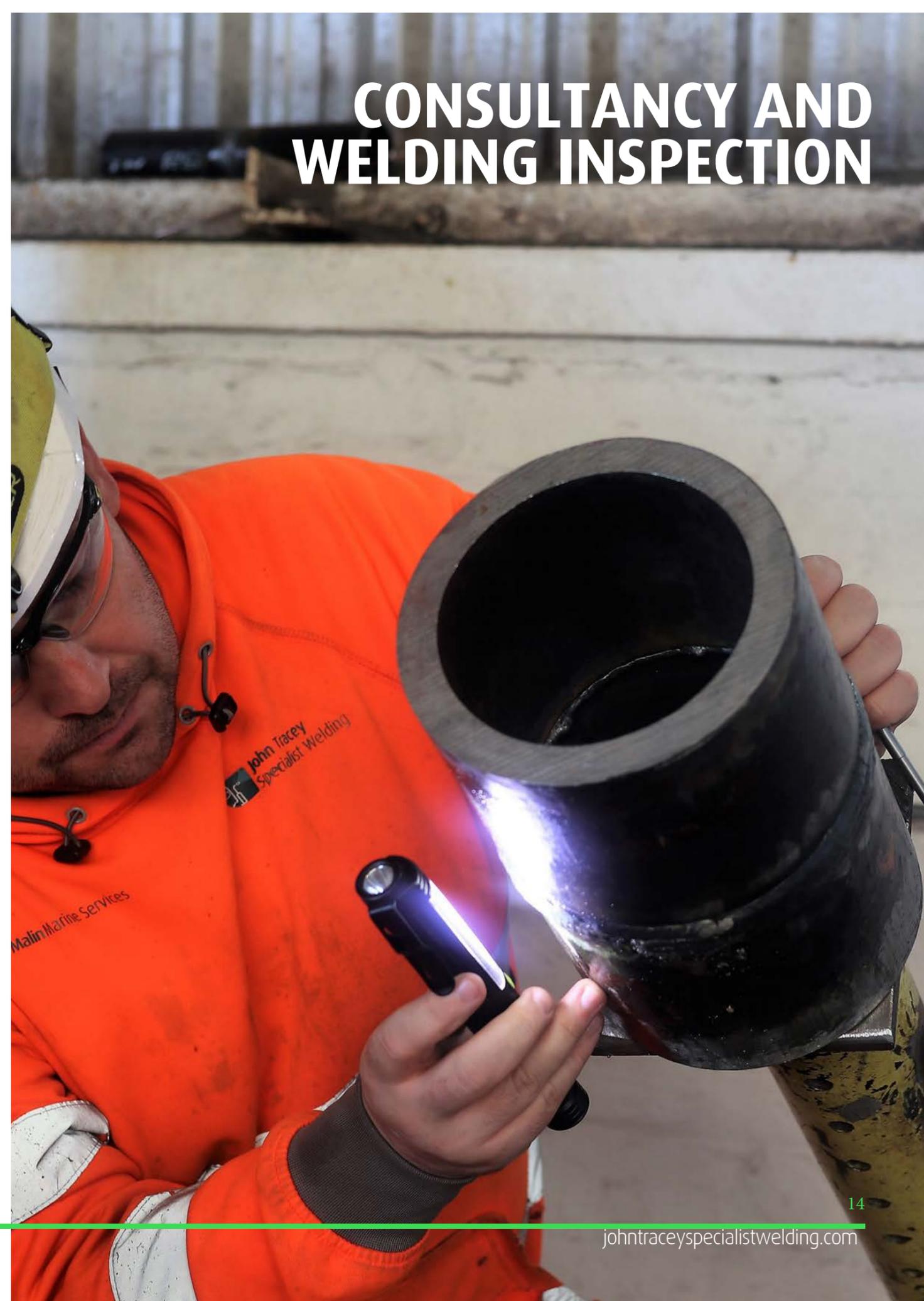
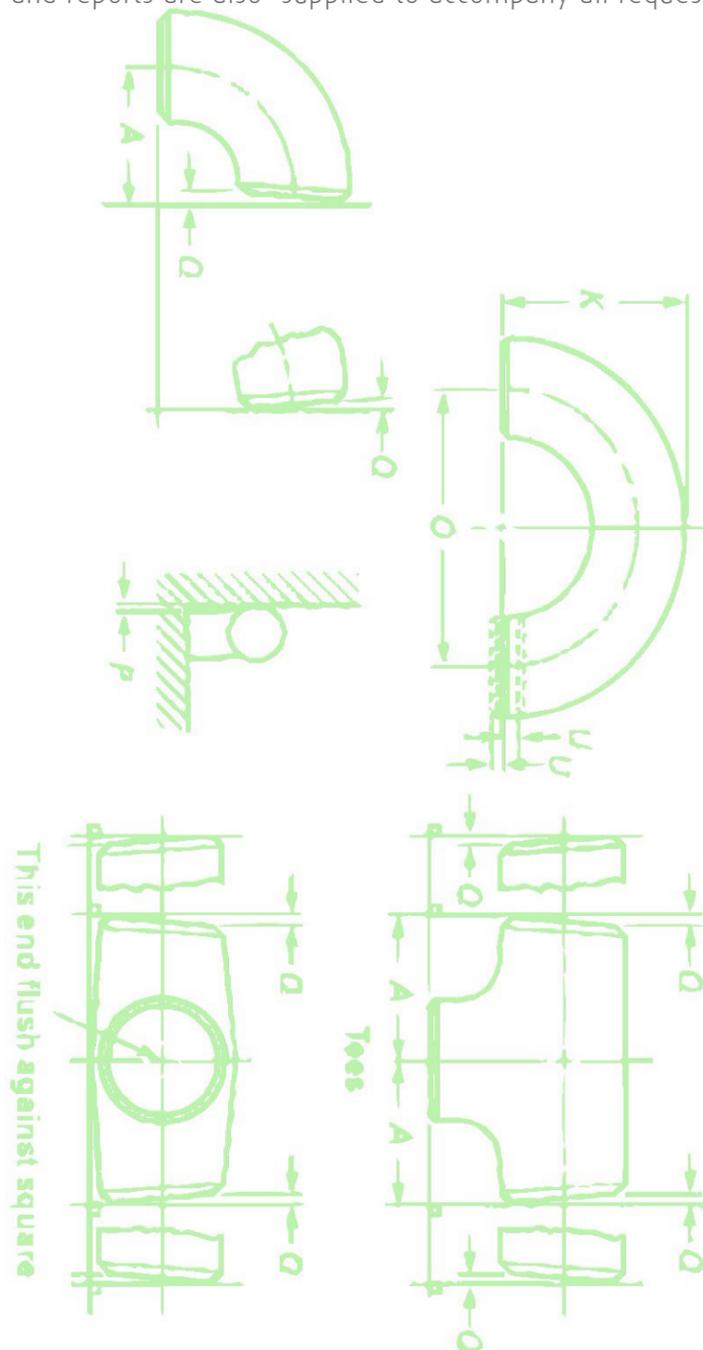
The advanced program is for individuals looking to advance their skills, typically towards completing a 6G test using multiple processes and materials. Depending on the existing skill set, training can be a few days to a few weeks and will include theory to support the development of an understanding of the quality control aspect of welding at an advanced level.

All courses have a training manual as additional learning material to support the learning process and act as a reference once the practical training has been completed.

# CONSULTANCY AND WELDING INSPECTION

JTSW is proud to offer a complete start-to-finish Weld Procedure Qualification plan for your business. We are on hand to source the right materials and consumables to coincide with your current projects and can undertake welding and monitoring of the test piece, as well as materials and consumable certification.

Finally, our in-depth knowledge and experience in welding metallurgy, allows us to offer an expert consultation service. Our own CSWIP welding inspector is available for hire for welding inspection across Scotland and the UK and can be supported by an NDT technician where required. Full quality packs and reports are also supplied to accompany all requests for welding inspection.



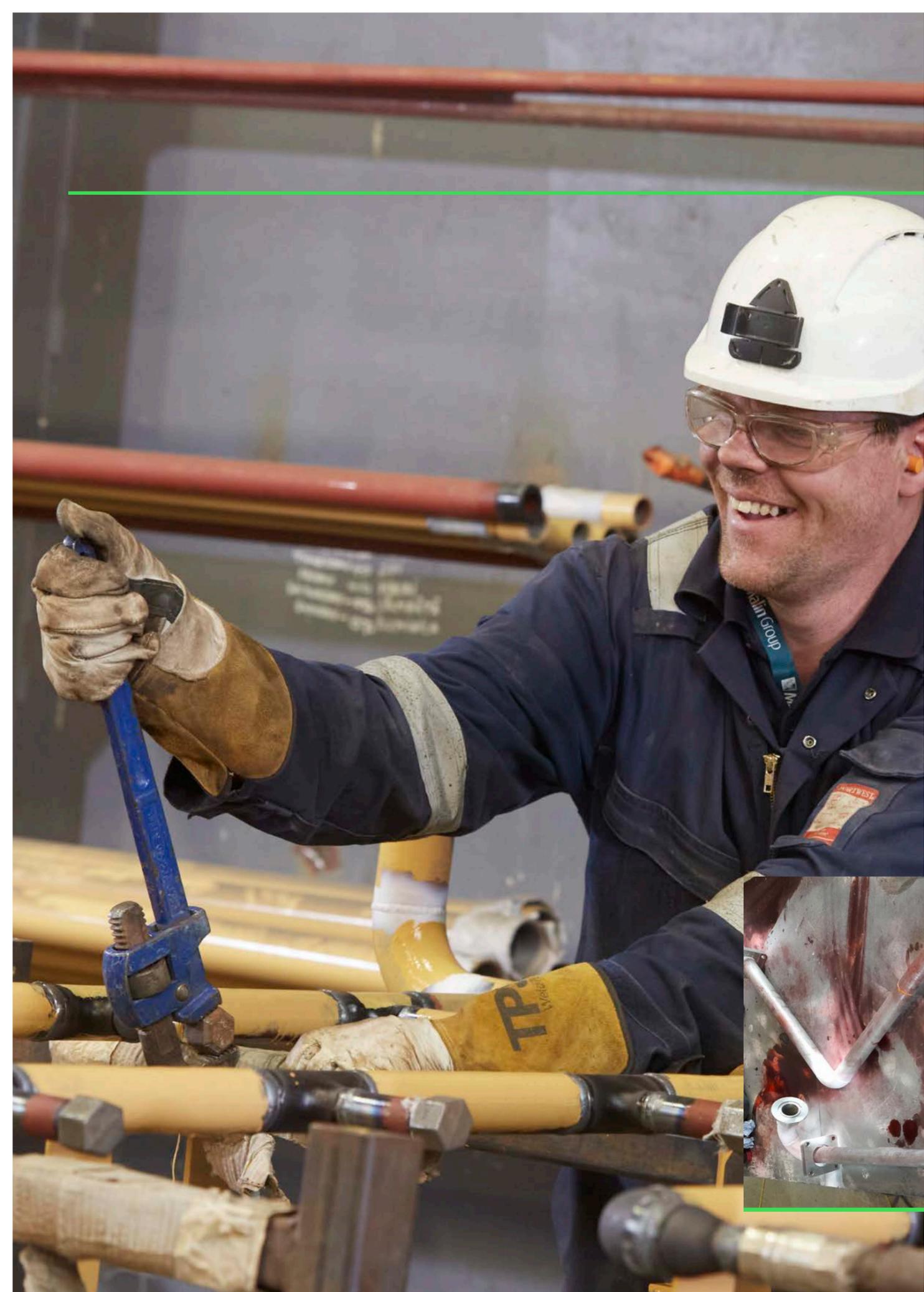
# SPECIALIST PIPE WORK

Our specialist team at JTSW can carry out specialist pipework fabrication and installation across a number of industries, from defence, oil & gas, renewables to distilleries and food manufacturing.

The team are on hand to service your specialist needs and pipework fabrication can be carried out on or off site, depending on your requirements. Furthermore, our specialist facilities in Renfrew have capacity for pipe in stainless and carbon steel, super duplex, duplex and aluminium.

Examples of pipework services:

- Fabrication in workshop with site install capabilities
- Low, medium or high pressure pipework and manifolds
- NDT and hydrostatically tested in the workshop, onsite pressure testing during installation also available
- Radiography upon request
- Protective coatings can be supplied to include painting, galvanising and powder coating prior to installation on site
- Numerous in house Welding Procedures which cover a variety of applications
- Contract specific Welding Procedure can be developed



# WHY JTSW?

John Tracey Specialist Welding offer a range of clients a value-add, respected, cost-effective and reliable service.

- **Experienced with all exotic materials**

Our team are experienced across a range of metals including aluminium, nickel, chromium, inconel and titanium; cobalt; copper; hastelloy; mercury (element) (aka quicksilver, hydrargyrum); molybdenum; monel; platinum; tantalum; tungsten; waspaloy.

- **Passionate about sharing best practice**

Our expert team continually strive to learn new procedures and practices, both in the workshop and on site, ensuring we always provide the most tailored solution. We are committed to sharing this knowledge through our top tips series – the first series of which focuses on exotic materials.

- **A diverse skillset across our specialist team**

As well as our experienced and skilled welders and platers on the shop floor, we also have a number of skilled colleagues – from project engineers, to our general manager.

- **A respected provider**

Recognised as one of the leading independent companies in Welder Training, Testing and Certification, all graduates from our training courses receive endorsement and certification by Lloyds Register.

- **Inhouse welding inspector**

With an in-house welding inspector on hand at all times, you can be assured that whether you are here as a trainee or client, you will receive the highest quality service.

- **Long-standing specialist team**

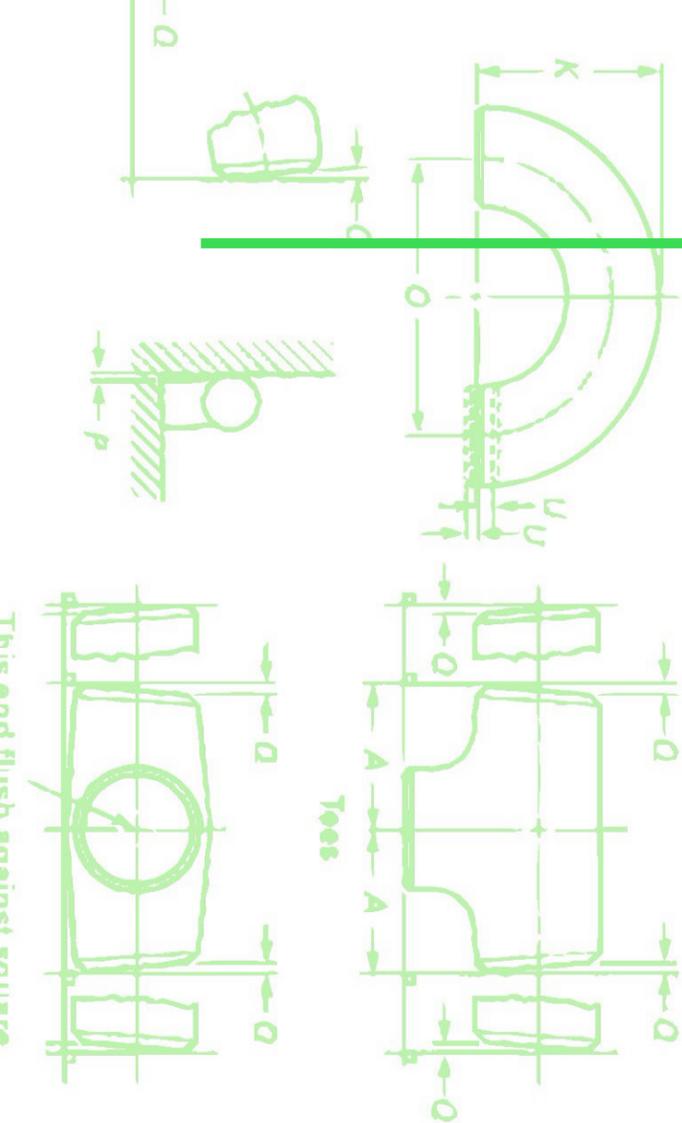
Our expert team have a long history with the company, having developed a strong, collegiate partnership within and across the Group's business units. This allows them to effectively collaborate on a number of projects, drawing on their extensive experience.

- **Consistency in service**

We are recognised as a high quality, trusted provider with all staff striving to consistency meet our agreed commitment to the highest quality standard of work and best customer experience.

- **100% x-ray standard**

We use x-ray to inspect the quality of welds between metallic surfaces to help verify that they conform to applicable codes and perform safely and reliably.



# EXOTIC

# METALS