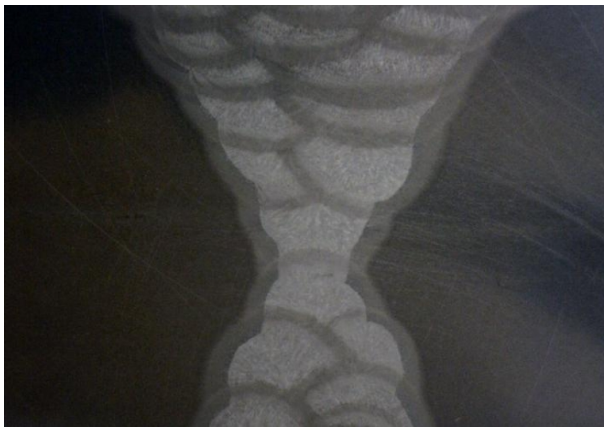
Contact: info@applus.com

Welding Inspection and Consultancy

Applus+ provides expert NDT welding inspections on materials and structural joining to a diverse client base. We employ materials, mechanical and structural engineers with experience in the design, construction, refit and repair of welded structures. Our expertise in welding and structural welding inspection covers mechanical components, structural connection design, failure analysis, quality planning and development of technical work instructions.



THE Applus+ SOLUTION

The welding inspection services at Applus+ deploy a large team of welding engineers from a diverse range of professional backgrounds. We are renown for developing practical solutions to welding challenges, with 60+ years combined experience with non-destructive weld testing and inspection.

We have in-house materials testing laboratories, which is supported by an equipped welding test laboratory. These capabilities allow us to optimise welding procedures for any application, and we work collaboratively with our inspection and NDT teams to quickly identify issues and propose solutions.

We have extensive expertise in the joining of difficult materials, including small and large bore pipe, HSLA carbon steels, non-ferrous alloys, low and high temperature materials, high carbon steels, and quench and tempered materials for both mechanical and structural applications. We work across all industries, with many years of NDT welding inspection experience in sectors spanning oil and gas, marine, mining, energy generation and structural steel fabrication.

Target customers

Typical welding and structural welding inspection include: penstocks, tunnels, bridges, pedestrian walkways, marine structures, marine vessels, pressure vessels, pressure piping, API storage tanks, process equipment, free-standing structures and towers.

Key customer benefits

We offer welding consultation built on over 60+ years of practical welding experience. Our knowledge and understanding in NDT welding inspections can quickly solve welding challenges, and we supply practical solutions based on real world experience to ensure your welding operations are running at maximum efficiency. We specialise in developing detailed technical-work instructions to supplement welding procedures for critical joints.

We offer welding engineering as part of a suite of integrated services, including drafting and design, materials testing, third-party verification and inspection, and non-destructing testing.