



SPA water pipeline

Objectives

Through a detailed examination of Serimax's approach to pipeline welding, we demonstrate the effectiveness of our methodologies and innovative welding solutions to address the key challenges in steel pipeline construction. By highlighting real-world applications and successful outcomes, we showcase valuable insights and best practices for stakeholders in the pipeline industry.

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AT A GLANCE

Challenges

- Safety first.
- Welding solution to meet harsh environments (all year round).
- Potable water.
- Minimal-commission flushing.
- Spatter-free solution.

Benefits

- 45+ years' experience.
- 28" to 120" steel water pipeline manual or mechanised welding solutions.
- Flexible team ready to integrate locally on-site.
- Project assessment for most suitable welding application.
- Welding specification and engineering to ensure
- weld integrity.

Solutions

We provided a spatter-free welding solution and a team of welders to work locally on-site. Our team and equipment was mobilised rapidly to ensure effective start up and smooth integration with the other contractors. Serimax staff benefit from comprehensive training programmes and operate to the highest HSE standards, recognising that the welfare of our staff and the environment in which we operate is absolutely critical. The requirements for the project were respected, and potable water flowed through the pipes without any need for full commission flushing.

Serimax and its future

Serimax is embracing the transition into utilities and renewables. Perhaps the most notable since 2020 is the work being completed for the Strategic Pipeline Alliance (SPA) – a consortium of five companies looking to develop a 500km utility pipeline comprising 200km of steel pipe welded by Serimax.

Preventing costly repairs

Serimax is responsible for completing the E-Joint end prep and welding work, for which it has created a bespoke solution, positioning itself as a valuable welding partner. The client has expressed that Serimax's unique approach has dramatically reduced internal pipe repairs – a technique it plans to adopt for every one of its steel pipes moving forward to prevent costly, wasteful and avoidable repairs.

BENEFITS OF CHOOSING SERIMAX

- **Previous expertise in delivering quality welding in challenging environments.**
- **The welding solution for secure waterlines in a quality manner.**
- **The ability to provide welding procedure qualification on-site.**
- **We understand Water Hygiene, HSE practices and procedures in order to maintain the integrity of the network.**
- **Training is at the heart of everything we do.**
- **We provide the best balance of welding quality and productivity.**

For over 45 years, we've been developing new technology, training our staff and managing projects all over the world.

Our mission is to provide companies with cutting edge solutions to make their operations run smoothly.

