

TECHNICAL SPECIFICATION

Integrity Engineering and Management

At Stork, we partner with our customers to offer an industry-leading performance in asset integrity and sustainability. Our teams offer complex integrity solutions worldwide, working in the most technically challenging environments.

We secure confidence in the continuity of production, without compromising industry best practice and recognised standards.

Our holistic approach to total asset optimisation helps our customers focus on meeting their business objectives in an economically, environmentally and socially responsible manner. The result is reduced risk, unconditional safety, improved environmental performance and operational excellence ensuring uninterrupted production at any site in the world

Integrity Management

Ensuring the safety of personnel, protecting the environment and optimizing asset integrity spend is fundamental to all that we do. We reduce risk while prioritizing resources and reducing costs by maintaining plant integrity and reducing unplanned shutdowns through our process and PSV, subsea and pipelines and structures disciplines. Our technical experts work closely with our customers to provide the best mix of engineering knowledge and industry know-how to deliver the optimum solution.

Stork's inherent high level of knowledge and skills and breadth of capability enables asset integrity assurance at the top of the asset responsibility chain while ensuring quality, reliability and value creation at the point of delivery.



Subsea and pipelines

Among the subsea services we offer our oil and gas clients are pipeline integrity management, in-line inspection, fitness for service studies and cathodic protection system healthcare for onshore and offshore pipeline distribution systems.

We provide solutions for the remote deployment of NDT technology for caissons, risers, j-tubes and un-piggable lines. Add-on services include high-pressure water cleaning, de-watering, debris recovery, pressure testing and isolation, and structural engineering assessment.

Process facilities

Stork delivers integrity, inspection and corrosion management to the oil and gas, process, energy and marine sectors. We are specialists in integrity management, RBI planning and corrosion risk assessments.

As the industry partner of choice for delivering unique service packages that combine technical excellence and practical know-how, we have: in-house core skills for asset; reliability and integrity engineering; strategic alliances to offer; best-in-class technology and expertise; local presence with global outreach and support network; Integrated service packages for technical integrity management; corrosion engineering and monitoring services; offshore and onshore inspection management and NDT enactment ; proven track record in effective project management and delivery and audit assurance of integrity management systems.

Technology solutions include: pipeline and flowline wall thickness mapping; precision scanning (5x5-1x1 mm); flexible riser inspection; ToFD weld inspection; subsea jacket and structures; internal inspection of un-piggable lines, diver and ROV-deployable combined.

Integrated project management

Stork has extensive experience of delivering both large and smaller-scale inspection projects, and our aim is always to exceed client expectations.

Each project is subject to rigorous quality procedures to ensure effective control, planning and efficiency as part of our drive for operational excellence. Scopes of work have included all onshore and offshore pressure system facilities, structures and pipelines, among them several projects spanning international borders. Others have focussed on solving particular issues, such as HIC in welds, corrosion under pipe supports, and bolt fatigue cracking.

We deliver technical excellence through: In-service inspection management; construction and fabrication inspection; ISO 17020 Type A and C certified; PCN and ASNT level certification; BINDT, IRATA, IMarEST, DNV, Lloyd's Association; International skilled labour pool; and in-house research and development.