



Technical excellence: delivered

Forms Part of

Alderley



Hose Management

The single-source for all your hose inspection, management
and component supply requirements

Aftermarket Services

Hose Inspection and Management



Ensure the ongoing integrity, safety and performance of your hose assemblies with our specialist solutions, underpinned by certified inspection and service experts.



Next generation inspection

Inspection Manager is an intuitive, fully digital application used to support inspectors and administrators in completing their inspection tasks.

Developed in-house and used exclusively by the SMS Services team, Inspection Manager enhances the benefits of a traditional inspection by enabling our experts to deliver a more efficient, faster and more reliable inspection service.

Using a tablet application for inspectors and a desktop application for administrators, Inspection Manager provides near real-time inspection results through a secure syncing mechanism.

This provides:

- Rapid feedback from the inspectors
- Prompt and actionable insight for any faults
- Secure, traceable and auditable data
- Completion rates to track progress and support better forward planning
- Dashboard reporting to reduce administration and support decision-making



Optimised performance, reduced downtime

Powered by Inspection Manager, our inspection team will fully assess all your flexible hose systems whilst providing instant and actionable insights to support any remedial activities – all of which can be completed by the SMS Aftermarket Services team for a prompt resolution.

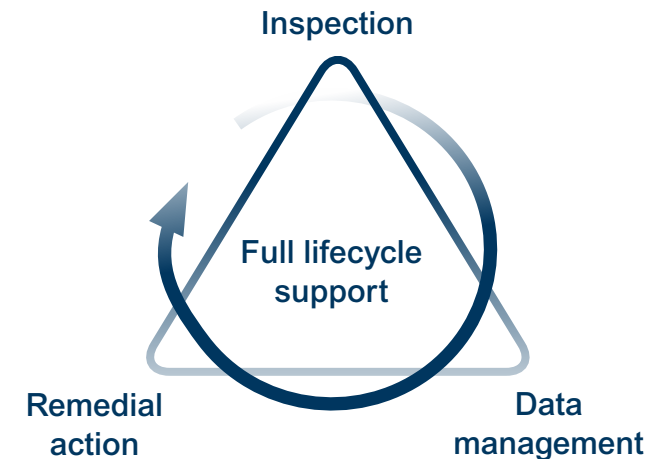


Asset Integrity Management

Utilising Inspection Manager, SMS can provide complete asset integrity management support for your offshore and onshore hose assemblies.

Our inspections can be tailored to individual customer's hose management requirements, ensuring hoses are consistently assessed, tagged and categorised to advise of their current status.

Supported by our established supply chain and in-house hose assembly, testing and installation capabilities, we deliver a complete hose management service to our customers.



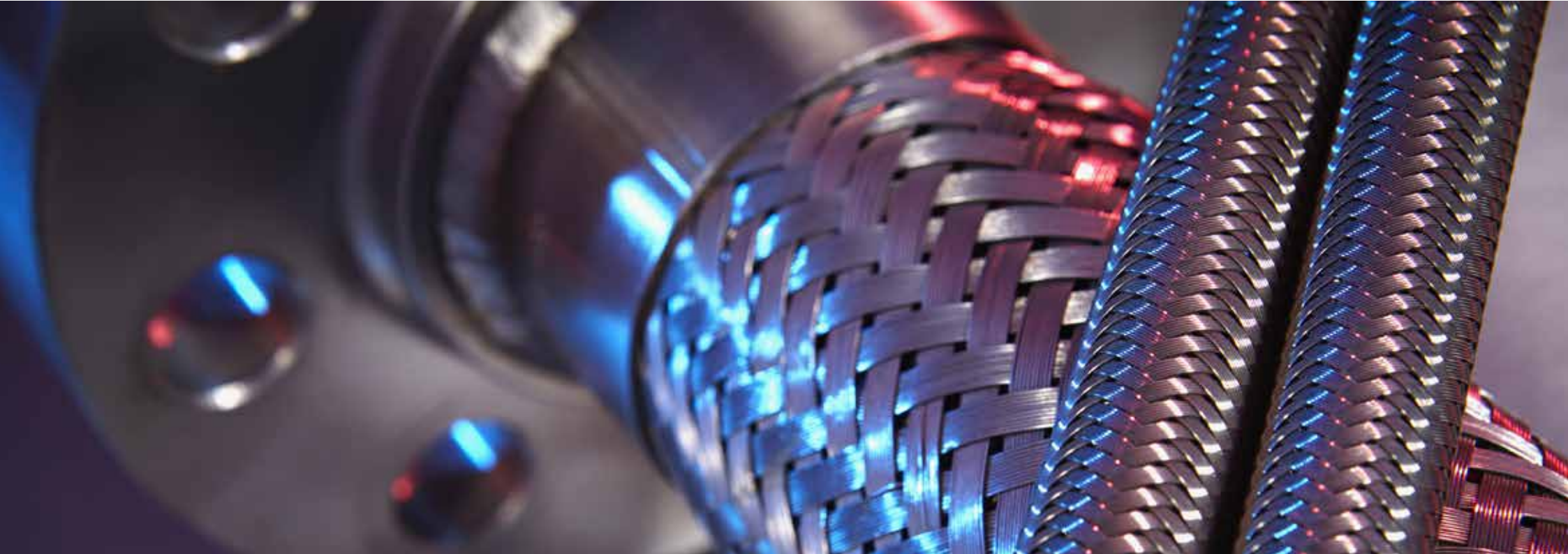
Aftermarket Services

Genuine Parts and Spares

- Hose assemblies
- Pipe fittings
- Components



Our Manuli and BFPA (British Fluid Power Association) trained technicians combine technical excellence and innovation in every solution to ensure we always deliver quality products and the best value for your needs.



Quality products

As a family-owned business, we pride ourselves on our quality and reputation. That's why we only use the world's best component suppliers - including Manuli Hydraulics and Trelleborg Industrial hoses - and complete all technical work in-house.



Best value

With full in-house crimping facilities, we can offer unrivalled response times whilst also benefiting from the best 'direct from manufacturer' component prices – savings which we pass on to our customers for the best fully assembled hose solution price.

Complete with a one-year warranty, SMS are the trusted partner for all your hose management and component supply requirements.

Hose Assemblies (Tested, Tagged & Certified)

- Hydraulic Hoses: Manuli / Alfagomma / Dunlop Hiflex – 1SN/2SN, 1SC/2SC, 4SP, 4SH, R13, R15
- Fire Hoses: Lloyds Approved
- High Pressure Hoses: Parker Polyflex / Spir Star
- Steam Hoses
- Convoluted Hoses
- Anti-Static Air Hoses: ¼" to 1"
- Large Bore Industrial / Bunkering Hoses: 2" to 12" Air, Oil S&D, Water S&D and more
- High Pressure Hoses: Parker Polyflex / Spir Star
- Thermoplastic Hoses
- PTFE Hoses
- Layflat Fire Hoses

Pipe Fittings

- Seamless and Welded Pipe and Tube according to EN, ASTM and API standards, in a variety of sizes and steel grades including A105, A106, A333, LF2 and X52
- Flanges
- Stud Bolts
- Pipe Fittings
- Gaskets
- Hammer Unions

Components

- Hydraulic and Pneumatic Fittings
- Hydraulic and Pneumatic Gauges
- Hydraulic Bladder and Piston Accumulators
- Stainless Steel Compression Fittings including Swagelok, Parker A_LOK and Hoke Gyrolok
- Regulators
- Enerpac Products
- Level and Pressure Transmitters
- Seals
- Quick Connects
- Hydraulic, Pneumatic and Instrumentation Valves
- Pre-Charge Equipment
- Stainless Steel and Exotic Metal Tube
- Brass Compression Fittings
- Electrical Components
- Pressure Filters
- Pumps and Motors
- Flow Meters

Visit www.sms-alderley.com/genuine-parts for more information.

Case Study

Hose Management

Introduction

Our customer, a supermajor in the North Sea, operates a hydrocarbon gas processing plant of strategic national importance. Its ongoing performance is of paramount importance.

The Challenge

Our customer has more than one thousand flexible hose assemblies of various types, sizes and conditions, including hydraulic, pneumatic and hydrocarbon hoses.

The quantity and diversity of hoses meant that hose integrity management was a real challenge and a potential cause of unplanned downtime.

Their aim was to find a single solution to proactively manage all their hose installations, including the ability to:

- “configure” individual assemblies to record their makeup, inspection class and function
- “manage” their assemblies through inspection and tagging
- “report” on the status of their assemblies in a prompt and consistent manner

This is to support their own high health and safety requirements, exceed and prove compliance to legislation, and reduce asset downtime previously associated with hose leakage and failure.

The Solution

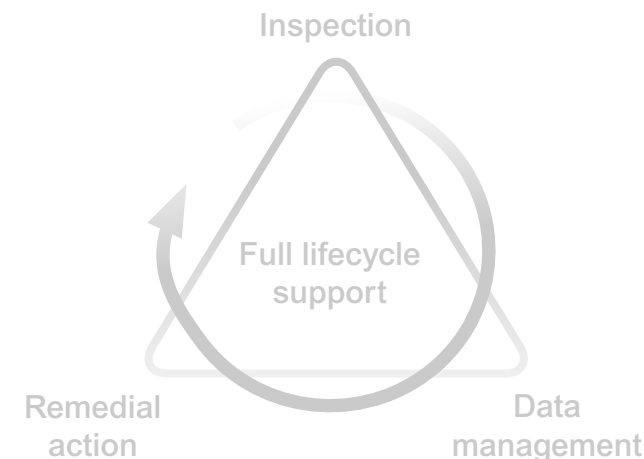
SMS’ next generation inspection services, powered by Inspection Manager.

Utilising Inspection Manager, the SMS Inspection team tailored the inspection inputs to meet our customer’s hose management requirements.

This meant that all hoses could be consistently assessed, tagged and categorised to advise of their current status, as well as inform future hose inspection and management planning.

In addition, with real-time updates via Inspection Manager’s integrated syncing mechanism, any punch list items could be instantly flagged to inform prompt remedial activities and minimise the risk of downtime.

And with an established supply chain, dedicated hose technicians and in-house hose assembly capabilities, SMS support all remedial activities – including new hose pre-tagging and certification – to deliver a complete hose management service for our customer.



The Results

Since the contract award, our technicians have inspected over 400 individual assemblies and replaced approximately 25% of these – resulting in no further hose failures or downtime attributed to hoses.

Our client is extremely pleased with the results and has subsequently extended our contract by a further year.



About SMS

The leading provider of hydraulic and electrical control systems for the global energy industry.

Initially established as a single-source hydraulic services provider for operators in the Southern North Sea, SMS' extensive range of solutions are now utilised on offshore, floating and onshore developments around the world.

Repeatedly partnering with some of the biggest names in the energy industry, our customers benefit from unrivalled customer service, market-leading solutions and complete through-life support.

From front-end engineering, manufacturing and testing at our state-of-the-art facilities, to installation, commissioning and aftermarket services to optimise asset performance, SMS is your trusted partner for hydraulic and electrical control systems.



A single-source provider



Delivering innovative engineering solutions



Best-for-application and best-for-business solutions



Ensuring asset integrity and optimised performance



Throughout the life of your assets



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