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Alderley



Case Study

Project Type: Hose Management



Introduction

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

Inspection Manager is a fully digital application designed to support inspectors and administrators in completing their inspection tasks.

Utilising Inspection Manager, SMS’ experienced Inspection team were able to tailor 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.

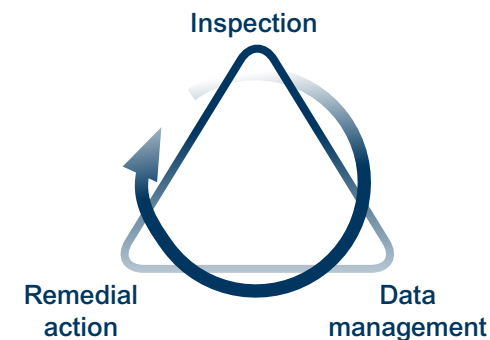
And with an established supply chain, dedicated hose technicians and in-house hose assembly capabilities, SMS support all remedial activities – including new hose pre-tagging and certification – to deliver a complete hose management service for our customer.



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 recently extended our contract by a further year.



Contact enquiries@sms-alderley.com
for more information