

STORK: REACH BEYOND ZERO

Protecting your employees against the invisible risk of breathing from a compressor:
A complete risk management solution.



BACKGROUND

Stork is a global Oil and Gas provider of maintenance, modification and asset integrity services helping its clients reduce risk, assure safety and improve asset performance. Fabric maintenance is a key priority in ensuring the integrity of assets.

CLIENT CHALLENGE

With a world class, award winning, global safety initiative called 'Reach Beyond Zero' that was developed to help drive continual improvements in Health and Safety HSSEQ performance. Stork makes a promise to its clients that they will help them 'Reach Beyond Zero'.

'Safety is a core value of the client'

When undertaking client fabric maintenance worksopes, our client has to provide a mask-fed clean, safe breathing air supply for use by its operatives working in hazardous areas where the ambient air is not safe to breathe. The breathing air supply is generated by compressors and the process of air compression can introduce additional invisible hazards which must be managed safely at all times in order to prevent both short term and long term health risks to the employees.

The client not only needed to comply with the European breathing air quality standard EN12021:2014 and UK HSE COSHH, but also needed to ensure that they were consistently providing its employees with a safe breathing air supply containing the lowest possible level of contaminants, allowing them to manage the risk in a manner that was 'as low as reasonably practicable' (ALARP). Due to the nature of the client's business, with extensive workshop facilities and resources, they also needed to carry out as much of the equipment lifecycle servicing and testing in-house.

SOLUTION

The Safewell Team worked with the client in a discovery phase to understand the client's business operations and objectives, providing an end-to-end lifecycle safety solution based on Safewell SafeAir best in class products.

These included:

- ALG10-2 breathing air purification units
- Air Purity Analysers for testing the quality of the breathing air quickly and effectively onsite
- Both low pressure and high pressure ATEX certified electric breathing air compressors allowing safe, clean breathing air to be generated in a variety of hazardous offshore and onshore environments
- Service training for workshop staff so that they could complete the maintenance of the units in-house.

The value clarity of the Safewell integrated holistic safety solution led to the client standardising the use of Safewell products throughout its international business operations and Safewell continues to support this initiative providing product lifecycle spares, calibration and training globally, including in Trinidad and Azerbaijan.

The Safewell team engaged with the client's senior operational and workshop teams to gain information regarding the range of tasks and working environments that its employees faced during its worksopes, in order to clarify the challenges and difficulties they have encountered in the past.



CLIENT IMPACT:

Using this discovery process and Safewell's extensive knowledge of the legal safety regulations and breathing air quality standards, we helped the client develop a safe and cost effective life cycle risk management solution for integration in its 'Reach Beyond Zero' initiative.

'The client also now has the flexibility to test and maintain its own equipment'

The supply of Safewell 'Best in Class' equipment, which fully meets the EN12021:2014 breathing air quality standard as well as removing harmful particles from the compressed air allows the client's employees to work safely and efficiently in a range of hazardous situations. The client also now has the flexibility to test and maintain its own equipment and has access to Safewell's service department who can provide this service when required. The client has reduced risk in its business and confirmed that it has not had any reportable safety incidents or claims of work related respiratory illnesses from its employees.

PRODUCT SHOWCASE:



- SafeAir - ALG10-2Person ATEX Breathing Air Purification System
- SafeAir Air Purity Analyser (APA) Mk1 Test Kit
- SafeAir ATEX Zone 1 Breathing Air (Low Pressure) Compressor
- SafeAir ATEX Zone 2 Breathing Air (High Pressure) Compressor
- Safecare Lifecycle
- Maintenance Spares for all Products Supplied

SERVICE SHOWCASE:

- SafeAware - Competence Training for Offshore Operatives
- Lifecycle Service and Calibration of APA Units