



SPARROWS

PRESERVATION AND STACKING SOLUTION

With over 45 years' experience maintaining critical equipment in the oil and gas industry, Altrad Sparrows have the knowledge and expertise to provide solutions that will ensure the reliability, performance and safety of your equipment when you are ready to mobilise it.

Working in partnership with Iontech, we can provide a complete turn-key solution for the preservation and stacking of assets and equipment across the energy industry, improve maintenance and reduce reactivation costs.



WHAT WE DO

We understand that preservation is only one element of making sure that your equipment is ready when you need it.

Our expertise is in critical components, inspection, overhaul and engineering – we understand your equipment, we know how to maintain it and what it takes to get it reactivated. We can pinpoint easy failure mechanisms and frequent issues to ensure you have a reactivation plan where the methods and techniques used to preserve your equipment are practical in the field.

Combining carefully chosen preservation products with technical knowledge of your equipment reduces the risk and cost associated with mechanical or integrity failure of the equipment.

Our complete service provides:

- Specialist preservation project management
- Supply of Original Equipment Manufacturer (OEM) materials and products
- Specialist and experienced drilling supervisors and technicians
- Monitoring and control procedures to ensure regular tracking of asset integrity during all stages of stacking
- Technical expertise and understanding of the equipment
- Longevity of new or existing equipment whilst in storage or transit
- Mitigation of issues on start-up due to equipment failure
- Reduced time to reactive assets and react to market and project conditions/requirements.

The preservation and stacking solution can be applied to:

- Drilling rigs (cold or warm stacked)
- Production assets
- New build platforms
- Floating Production Storage and Offloading (FPSO) units
- Wind turbines
- Mechanical, electrical and hydraulic equipment.



OUR TECHNICAL CAPABILITY

We are a global provider of specialist equipment and integrated engineering solutions to the oil and gas, renewables and industrial sectors. With over 45 years' experience delivering crane and lifting management contracts and ad-hoc engineering services and equipment we have an in-depth knowledge of the challenges our customers face.

The capabilities of our people are what sets us apart – expertise and knowledge that we apply to the delivery of all our projects. Our in-field technicians are supported by our many local workshops around the world, allowing us to quickly and safely repair and refurbish equipment.

Our engineers and technicians are qualified in the following disciplines:

- Mechanical
- Hydraulic
- Electrical
- Structural
- Integrity / reliability
- Automation and control.

Our capabilities, services and integrated solutions include:

- Crane operations
- Rigging / lifting services
- Maintenance / servicing / refurbishment
- Fluid power/ hydraulics
- Inspection / testing / Dropped Objects Prevention Scheme (DROPS)
- Rope access
- Special Periodical Survey (SPS)
- Site surveys
- Reliability centred maintenance
- Mechanical handling
- Equipment upgrade / change out
- Fault finding and repair
- Drilling equipment maintenance.



PRESERVATION PRODUCTS

Through our partnership with Iontech we have access to a number of technology patents, including V-Active, providing an environmentally friendly product for use in corrosion prevention. Their advanced corrosion control techniques support increased service life of equipment and reduce maintenance costs.

Surface preparation

- High-efficiency degreaser
- Rust removal
- Organic neutraliser.

V-Active VCI (Volatile Corrosion Inhibitor)

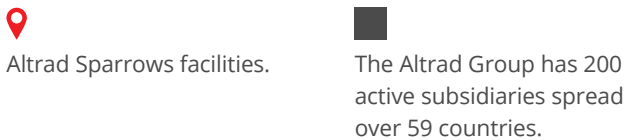
- Stops existing corrosion
- Prevents formation of new corrosion
- One-time preservation concept
- Environmentally friendly non-toxic, non-hazardous
- Dual-phase protection.

Special coatings and repair material

- High corrosion resistance
- Can be applied on top of an existent corroded surface
- Repairs surfaces that would be considered lost.

Research and development

- Additives for oil fuel and water
- Prevent bacterial colonies that cause oxidation and deterioration of the oil and water
- Effective mould prevention.



For more information please visit **www.altradsparrows.com**

