



DRILLING SERVICES

Our experienced team perform inspection, maintenance, overhaul, refurbishment, and repairs on all classes of drilling rigs, drilling systems and drilling equipment.

This includes structural, mechanical, hydraulic, Non-Destructive Testing (NDT), electrical, and control system activities which can be undertaken onboard, at our facilities or in the shipyard during major maintenance activities.

As well as delivering routine inspection and maintenance, our field mechanics and technicians often provide troubleshooting and repair services on all plants and equipment.

Our solutions give you access to:

- A refurbishment process that meets classification / design code guidelines in line with OEM recommended practices
- Qualified and skilled OEM trained personnel
- A reactive workforce to ensure a short turnaround
- A wide range of capabilities (full scopes managed in-house)
- Significant cost savings while meeting OEM and client criteria.

We are also a DNV-GL approved service provider and an ABS recognised specialist for the inspection and maintenance services of jacking systems, as well as crane inspection & maintenance.



WHAT WE DO

ALTRAD SPARROWS API CERTIFIED FACILITIES

With operational hubs and workshops across the globe, we provide local expertise and capability wherever your equipment is situated, allowing us to provide a quick and cost-effective service and an alternative option to the OEM.

In Singapore and Abu Dhabi, our facilities are certified to American Petroleum Institute (API) Specification Q2, assuring our high standards of quality and technical delivery.

Our skilled teams of drilling equipment maintenance specialists have extensive experience in carrying out CAT III & CAT IV inspection, overhauls, commissioning, and recertification on all types of drilling equipment.

PERSONNEL

Our multi-discipline engineering team is at the core of the services we supply and enables us to support the exact requirements of any project with a technical solution.

We have an experienced team of drilling equipment specialists who perform inspection, maintenance, refurbishment, and repairs on all classes of drilling rigs, drilling systems and drilling equipment.

Our engineers and technicians are qualified in the following disciplines:

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

This breadth of capability allows us to support you with a wide range of technical challenges.

We fully manage maintenance, repair, and recertification projects, delivering a full turn-key service.

As well as support in our local service centres, our field service technicians can be mobilised to site to carry out inspection and repairs – reducing downtime and overall cost. This also means that support can be brought in from other Altrad Sparrows facilities to allow the facilitation of projects of any size, ensuring the project is delivered quickly and efficiently.

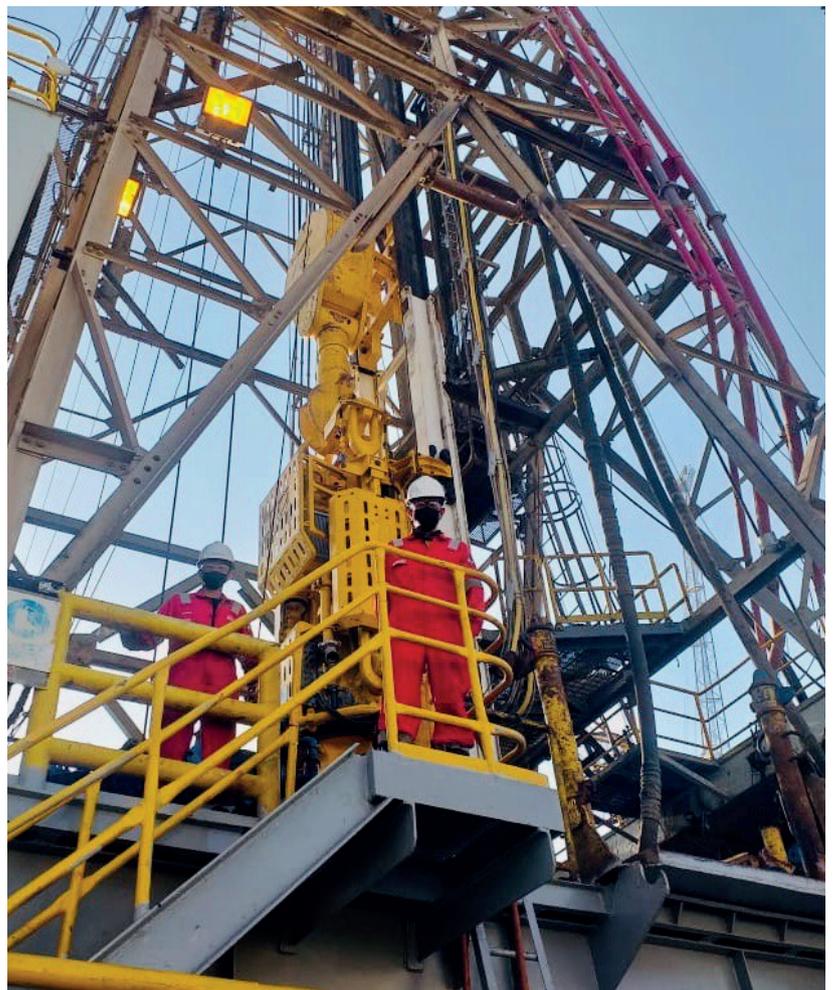
All of our technicians operate under the Altrad Sparrows technical competence matrix which ensures a high standard of personnel is used on all projects

ENGINEERING AND SUPPORT INCLUDING PARTS SUPPLY

Altrad Sparrows is a specialist in the supply and management of spare parts to the energy industry, offering rapid delivery, including sourcing difficult to locate parts through our supply chain network.

We hold a vast selection of replacement items in our stores across the globe ensuring we can immediately access all parts and help clients maintain operations and minimise any downtime.

Our spare parts services cover a wide range of drilling equipment through our OEM partnerships including crown & travelling blocks, mud pumps, draw works, iron roughnecks, top drives, rotary tables, winches & hoists.





DRILLING EQUIPMENT

We fully manage maintenance, repair, and recertification projects, delivering a full turn-key service.

Typical activities we carry out include:

- Project management
- Full mechanical, hydraulic and electrical disassembly, and assembly of equipment
- Mechanical and structural repairs
- Reverse engineering of components where required in the absence of Original Equipment Manufacturer (OEM) parts
- Fabrication repairs by qualified personnel
- Recertification
- Reinstallation and commissioning of equipment on site
- Parts supply
- Machining services
- Project engineering.

Minor scopes can often be completed in situ to minimise the impact on operations and larger scopes can be carried out at our workshop facilities, or onsite in shipyards during major maintenance periods.

We undertake day-to-day equipment repairs and troubleshooting, through to full five-yearly recertification projects. Our breadth of expertise allows us to support the maintenance of a wide range of drilling equipment from any OEM.

Inspection, overhaul and certification of main drilling equipment

- Rig equipment removal and replacement utilising specialist rope access personnel
- Full mechanical, hydraulic, and electrical disassembly, and inspection of equipment
- Rebuild of equipment along with spare parts or re-work as required in line with OEM and relevant standards
- Issue of CoC on completion
- Reverse engineering of spare parts where required in the absence of the Original Equipment Manufacturer (OEM)
- Ancillary equipment design and supply.

JACKING SYSTEMS

The evolving nature and the intermittent use of jacking systems mean correct maintenance and inspection are critical to preserving asset integrity and safeguarding crews.

Our experienced team perform inspection, maintenance, overhaul, refurbishment, and repairs on all types of jacking system, ensuring you have confidence in the reliability of your equipment.

Inspection and testing

We utilise a wide range of traditional and advanced examination and testing techniques carried out by qualified inspectors, and our rig activation services support you to achieve classification.

We also provide services to “one-off” systems including reverse engineering of components where OEM support is no longer available.

Altrad Sparrows carry out inspections, maintenance, and repair on a variety of jacking systems including:

- LeTourneau
- National NS400
- Baker Marine
- CFEM
- Gusto
- Thyssen Krupp
- Keppel OTD.

We undertake inspections of leg racks to determine the status of your rack teeth through profiling and detailed measurement. This enables us to identify any possible damage or deformation to prevent future major failures.

WELL SERVICES INTEGRATED MANAGEMENT SOLUTIONS

Altrad Sparrows' well services products follow an engineering philosophy of heavily custom-tailored packages based on specific client requirements.

ESP field cable spoolers

Altrad Sparrows offer one of the most robust and user-friendly spooler designs in the region. High-quality parts are incorporated to ensure less downtime and much higher service life. Designed to operate in the harsh conditions of the Middle East with ease.

Altrad Sparrows' spoolers are designed to make operations much more efficient, thus saving countless man-hours in the long run.

- Electric / hydraulic drive options
- Standard / automatic level wind arm options
- Field cable / workshop spoolers
- Zone 1/2 applications
- Electric / Diesel Hydraulic Power Unit (DHPU) driven
- New builds / refurbishment.

Batch mixers

Improving your mixing process through innovation, engineering precision and long-term customer commitment.

- Skid / trailer mounted
- 2X30 to 2X100 BBL
- Refurbishment.

Pressure pumping units

Altrad Sparrows is committed to extending the life cycle of all pressure pumping equipment, we provide refurbishment / overhaul services that restores each unit's service life and efficiency.

We can undertake repair of most engines, transmissions, pumping units, upgrading unit controls and servicing cooling systems.

- Pumping unit (twin / single)
- Cementing unit
- Refurbishment.

Coiled tubing drilling units

Our team can provide Coiled tubing Drilling Unit (CTDU) solutions due to the multiple resources in hand. A strong design team in the Middle East supported by local powerhouse design teams in the UK and India, a highly capable fluid services division with a proven track record to support all hydraulic component requirements, and a state-of-the-art fabrication facility from our local sponsor, Abu Dhabi Oilfield Services (ADOS).

- New builds / refurbishment.

C-pump skid packages

Altrad Sparrows pump skid packages are engineered with safety and convenience in mind, systems can be adjusted, modified, and relocated with ease.

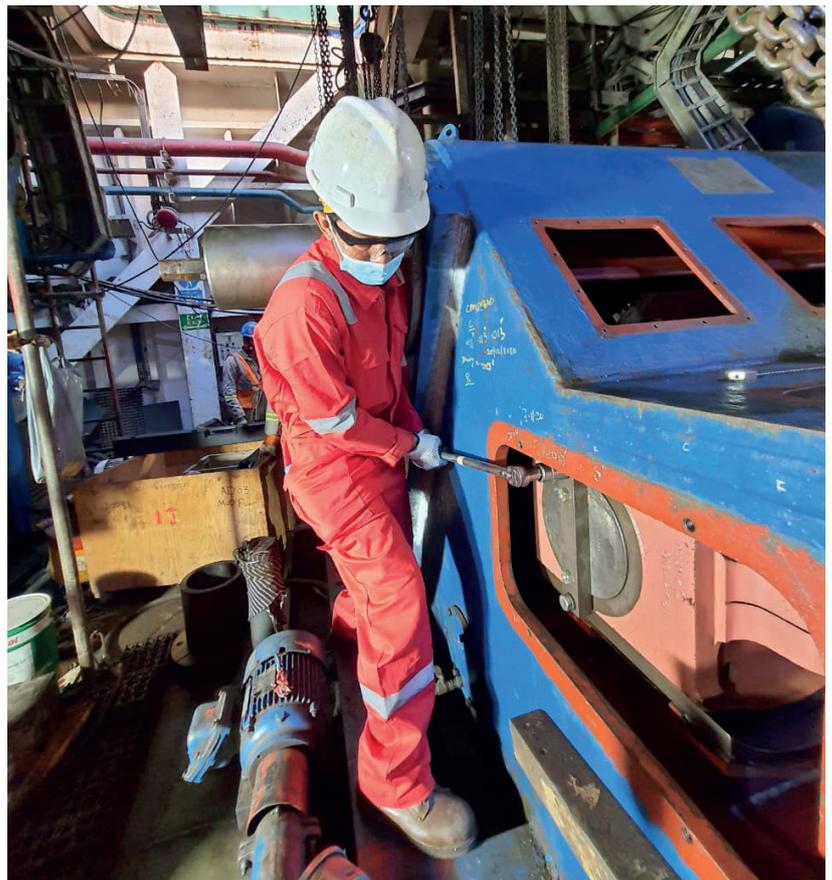
- Engine / electric driven
- DNV certified / compliant designs
- Direct drive / clutched option
- New builds / refurbishment.

Specialised skid packages

As specialists in mechanical, hydraulic, electrical, structural, reliability, and automation and control engineering, we deliver a broad range of structured and bespoke solutions to customers in the market.

Our commitment to consistently providing high quality engineered products and services through our 'above all, one standard' approach to quality and safety means delivery is assured with the Altrad Sparrows.

- Chemical injection skid packages
- Metering skid package
- Variable Speed Drive (VSD) skid package
- Hydraulic skid packages.



DELIVERY ASSURED

For more information please visit www.altradsparrows.com



SPARROWS