



SPARROWS

LAND RIG SERVICES

Ensuring the reliability and integrity of critical drilling equipment and confirming rig compliance through inspection, maintenance, overhaul.

With more than 45 years' experience in equipment maintenance, refurbishment, upgrade and inspection, we have the knowledge and expertise give you assurance that your drilling equipment is ready when you need it.

- Inspection, overhaul and recertification of all drilling equipment
- Pre-contract conditional assessments / rig audit
- Rig reactivation and statutory inspections
- Project engineering and manpower supply
- Modification and upgrade to meet regional specification and requirements
- Storage and preservation
- Engineering design, fabrication and installation during rig modifications / upgrades
- Inspection, testing and recertification of koomey units
- Quality management system verified to industry standards (ISO9001, API Q1, API Q2 and working towards API 7K)
- Operational bases in all key offshore energy locations
- Projects delivered to OEM standards or above and in accordance with API recommended practices
- Complete delivery across 500hp to 3000hp rigs.



Q2-0271
Q2-0369



WHAT WE DO

Our complete range of land rig services covers the life of the project, from pre-contract rig audit, upgrades and modifications, reactivation, statutory inspection throughout the drilling campaign, mechanical overhauls and storage / preservation to upgrades and modifications.

As well as more than 45 years' experience in operation and maintenance of critical equipment offshore, we work across multiple brands in different industries giving our technicians knowledge and expertise in a variety of equipment types.

INSPECTION, OVERHAUL AND CERTIFICATION OF MAJOR 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 certificate of conformance (CoC) on completion
- Reverse engineering of spare parts where required in the absence of the Original Equipment Manufacturer (OEM)
- Ancillary equipment design and supply.

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 service engineers and technicians have extensive experience in carrying out CAT III & CAT IV inspection, overhauls, troubleshooting and commissioning on all types of drilling equipment.

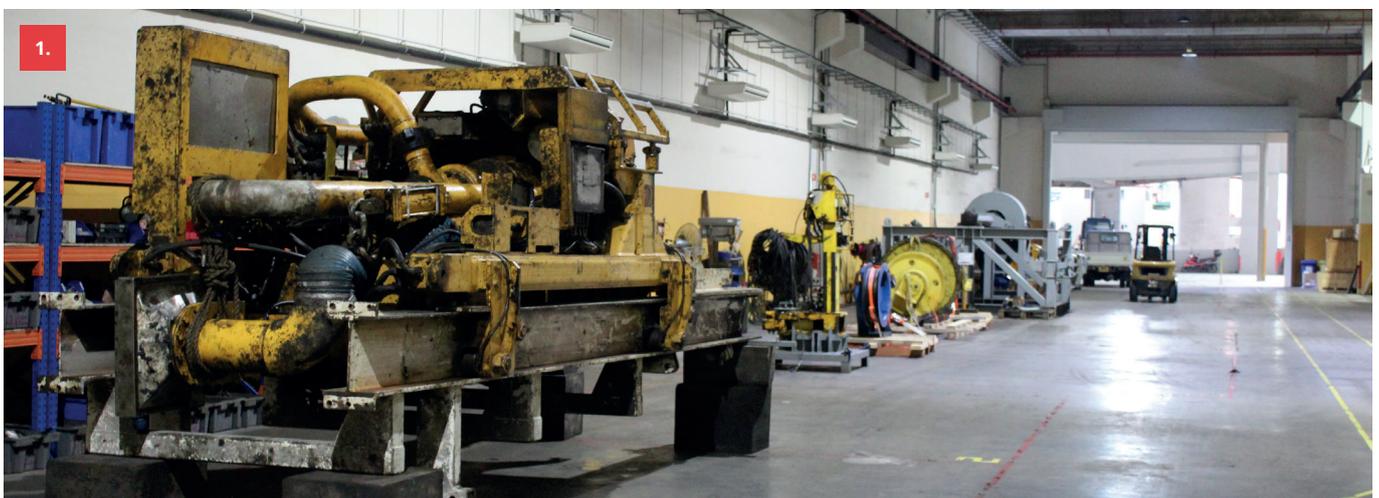
As well as support in our local service centres, our field service technicians can be mobilised to site to carry out inspection and repairs – reducing downtime and overall cost.

CAT IV INSPECTION AND OVERHAUL

Delivered on:

- Mast and substructure
- Crown block
- Travelling block and hook
- Offline access cranes
- Swivel
- Top drive
- Iron roughneck
- Deadline anchor
- Rotary table
- Drawworks
- Winches
- Pipe handler
- Catwalk
- Mud pumps
- Pressure vessels
- Trailer packages.

1. Top drive, pipehandler and deadline anchor CAT IV inspection and overhaul underway at our API Q2 accredited Singapore workshop.
2. Mud pump works undertaken by our Abu Dhabi team at the client site in the Middle East.



2.



RIG AUDITS – PRE-HIRE, SELECTION, OR FULL CONDITION SURVEYS

Scope

- Analysis of rig equipment condition against OEM, API standards and client requirements
- Review of safety systems, procedures, and practices
- Detailed examination of critical equipment
- Function testing and witness testing of critical equipment as required
- Review of critical spares, maintenance plans and preventative maintenance history.

Areas covered

- Power generation
- Lifting, hoisting and handling equipment
- Rotary drilling equipment
- LP / HP mud system, pumps and circuits
- Bulk system
- Mast and traveling equipment
- BOP and well control equipment
- Tubular equipment
- Drilling instrumentation and communication systems
- Site offices and personnel facilities
- Firefighting and pollution control
- Fire and gas detection
- Rig documentation and certification
- Safety management system
- Personnel qualification and training
- Operational capabilities and limitations.

REPORTING AND DELIVERY

We use the latest technology to plan and execute projects. Our software automates the process allowing us to deliver a fast and efficient service which you can follow the progress of via our client portal 'Connect'.

By using Zone 1 rated tablets to record our inspection and survey data while on the job, we improve accuracy and shorten the time required to compile reports. Connect is interactive, allowing you to upload supporting documents such as drawings, materials lists, photographs, calibration reports etc.

Real time reporting can be made available via Connect when required. Different levels of access can be set up for unique users – they can have access to one location or a number of facilities. It also alerts you when inspections or survey are due, making sure you don't miss anything.

STATUTORY RIG INSPECTION SCOPES

API 4G mast inspection and bolt torque

- Structural and conditional survey
- Bolt torquing and management programme
- Derrick, guide-track and equipment alignment surveys.

Lifting gear inspection and load test

As an industry leader in the field of lifting equipment, we provide thorough lifting gear inspections and management, ensuring the integrity of your safety critical lifting equipment.

Dropped Object Prevention Scheme (DROPS)

An effective Dropped Objects Prevention Scheme (DROPS) survey plays an important role in supporting the safety practices of any asset. Altrad Sparrows are long-standing members of DROPS and carry out a range of dropped object surveys.

We can perform standalone DROPS surveys or as an addition to any other work scope already taking place. We can often rectify issues as they are identified, saving time and costs.

HP / LP piping and vessel inspection

- Internal and external visual inspections
- Thickness gauging and Conventional Non-Destructive Testing CNDT
- Corrosion mapping using Phased Array Ultrasonic Testing (PAUT) scanners
- Isometric drawings of pipes, vessels and pressure systems
- Applicable to standards API 510, 570 and ASME B31.3.

Pressure

- Hydrostatic testing of Pressure Safety Valve (PSV) or Proportional Relief Valve (PRV)
- Isometric drawings of pipes, vessels and pressure systems
- Online access to all reports, drawings and images.

AN ALTRAD COMPANY

Altrad Sparrows is part of the Altrad Group, with a global network of technical and engineering expertise which can be deployed anywhere around the world.



Altrad Sparrows facilities.



The Altrad Group has 200 active subsidiaries spread over 59 countries.

DELIVERY ASSURED

For more information please visit www.altradsparrows.com



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