

Five-yearly overhaul and recertification for multiple pieces of drilling equipment

LOCATION Abu Dhabi

Scheduled maintenance is necessary to ensure safety and efficiency of future drilling operations

BENEFITS

Single point of contact for work across multiple pieces of drilling equipment

Work scope completed to tight timescale avoiding disruption to operations

Supplied highly skilled multi-disciplined technicians working to Original Equipment Manufacturer (OEM) standard

Provision of multiple services by Sparrows enabled a cost-effective solution for the client



DELIVERY ASSURED

CHALLENGE

- End user has OEM only policy
- OEM did not have the facilities to undertake scope of work in country, so was required to seek alternative solution
- Each item required total strip down, inspection and rebuild with new parts
- All pieces of equipment required full repaint to match OEM paint specifications
- The workscope needed to be completed within the overall rig major maintenance timeframe of 30 days to avoid disruption to operations.

SOLUTION

- The client recognised Sparrows' service capability as the most suitable for the project and contracted us to provide overhaul and refurbishment of their Wrangler 5000 catwalk, OAC crane and iron roughneck
- Sparrows conducted full strip down, inspection and the blasting and painting of parts before rebuilding with new components to as-new condition
- We completed 400 full hydraulic hose changeouts on all drilling equipment within the workscope
- RAL codes for painting differ between the UAE and US so Sparrows conducted paint specification matching by working with a separate manufacturer to provide samples as close as possible to the original paint colour
- Sparrows provided overhaul and recertification services for scope of work including working facilities, suitable personnel, hydraulics, blasting and painting, local supply chain expertise, welding and full project engineering support
- The client directed project management and communication between all parties.

SUMMARY

Integrated solutions

- Reliability centred maintenance
- Mechanical handling
- Equipment upgrade
- Fault finding and repair
- Hydraulic system management

Capabilities / services

- Multi-discipline engineering / design
- Rigging / lifting
- Maintenance / servicing / refurbishment
- Inspection / testing / rope access
- Fluid power / hydraulics

1.



2.



1.
Iron roughneck.

2.
OAC crane.

Please visit www.sparrowsgroup.com/contact to find your nearest office

