



Lifecycle Services for the Oil & Gas Industry

Asset
National 1625 DE Draw-works
Owner
Songa Offshore
Location
Singapore
Duration
2 months
K2's team
Drilling Equipment Supervisor
Service Technicians
NDT Technicians

National 1625 DE Draw-works Inspection: Singapore

K2 Specialist Services carried out API 5 yearly inspections and maintenance on the National 1625DE Draw-works.

Project Scope

- Carry out full inspection and dimensional checks to all shafts, sprockets, chains and bearings. Determine the level of wear on all items and advise on spare parts to be replaced.
- Carry out NDT inspection on all load bearing areas.
- Replacement of parts highlighted during inspection as being beyond the wear limit

Challenges

- Removal of parts was difficult for K2 team as the unit was over 30 years old and many components had not been replaced before.
- Sourcing of spare parts within short lead time.
- Lack of availability of lifting points directly above the loads were tackled by using beam clamps rated at correct SWL.
- Tight deadline due to large amounts of equipment which required overhaul at the same time. K2 was able to turn around the projects in the time frame given by the client requirement.

K2 Approach

K2 ensured that enough resources were applied to each project, when there are multiple teams on different areas of the rig. Proper project management and financial control needs to be applied, it's important to K2 that the client is fully aware of project progress and financial status, we operate on a "no surprise" approach.

K2 Comments

"Our ability to provide the necessary technical resource in sufficient quantities and to manage the project to the client's ultimate satisfaction shows that K2 can approach a multiple disciplined project on a shipyard stay with confidence; our scopes were all closed out on time and within budget", Derek Burr, K2 Services Director

Client Feedback

"Brian and his team have worked well with minimal supervision from Songa. K2 had completed the project in a safe and productive manner, within the timescale allocated. I would certainly recommend Brian and his team for future work and look forward to working with them again. "Technical Superintendent, Songa Opus.

