

KTR-EthosEnergy Turnaround Completion



Project Highlights

- + KTR- EthosEnergy worked successfully with North Caspian Operating Company (NCOC) in order to reach full production levels through completion of a turnaround
- + The achievements were recognised by the customer and issued KTR-EthosEnergy with a Certificate of Recognition
- + Completion of a number of rotating equipment packages without any safety incidents

Key Challenges

- + Logistical challenge for location of D Island 70km offshore
- + Mobilization of 120 KTR-EE personnel over 2 day period
- + Restricted laydown areas for removed equipment meant use of barge for storage
- + High levels of H2S onsite as the plant was live during slow down phase of project meant all operatives were working with escape Oxygen cylinders
- + Sourcing of skilled local labour
- + Unpredictable weather effecting low water levels, ice break up, snow and ice during spring period

Key Results

- + KTR-EthosEnergy mobilized over 140 people and executed 45,000 man hours without a LTI
- + The project was completed within the approved schedule and budget
- + Minimal quality issues during restart and commissioning phase of plant
- + Successful Dry Low Nox (DLN) tuning of gas turbine twin shafts during plant start up phase

Project Overview

KTR-EthosEnergy was involved in the preparation and execution of planned maintenance on the most critical equipment within Kashagan Oil Field. The scope included the provision of logistics, capital parts, consumables, project management and execution of field services on the following equipment:

- + 2x GE Gas Turbine Frame 5002D HGPI
- + 1x Siemens Gas Turbine SGT600 B Inspection
- + 6 x GEP Centrifugal Compressors-DGS Changeout
- + 4x GEP Reciprocating Compressors Overhaul
- + 2x MAN Screw Compressors Overhaul





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EthosEnergy is a leading independent service provider of rotating equipment services and solutions to the power, oil & gas and industrial markets. Globally, these services include facility operations & maintenance; design, manufacture and application of engineered components, upgrades and re-rates; repair, overhaul and optimization of gas and steam turbines, generators, pumps, compressors and transformers; delivery of gas turbines and generators, and supply of overhauled and warranted equipment on a FAST TRACK basis.