

HVACR SYSTEM MAINTENANCE

PROJECT INFORMATION

Date: 2015 - ongoing

Location: Offshore platforms, onshore terminals and pump stations in the Azerbaijan, Turkey and Georgia regions

HSEQ: No recordable or loss of time incidents

SCOPE OF WORK

Stork were contracted to provide ongoing Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) system maintenance on both a rotational and adhoc basis across the Azerbaijan, Turkey and Georgia (AGT) regions.

This includes 9 upstream offshore assets, 2 midstream terminals and various pump stations across the AGT pipeline.

Contracted work includes, but not limited to:

- Routine HVACR maintenance in line with client and UK regulatory standards
- Internal inspections and duct cleaning
- Periodic Temporary Refuge (TR) integrity testing
- Annual Local exhaust ventilation testing in line with HSG258
- Periodic fan performance checks in line with standards and original equipment manufacturer (OEM) maintenance requirements
- Periodic leak testing and inspections in line with FGas regulations
- Implement nationalisation programme for the transition from expatriate to local HVACR maintenance personnel

STORK'S APPROACH

Stork assembled dedicated teams to carry out required works across all assets on a rotational basis. By changing to an adhoc programme, which utilised established teams to provide coverage to multiple assets, it removed unnecessary maintenance tasks and provides the client with improved efficiencies and cost savings.

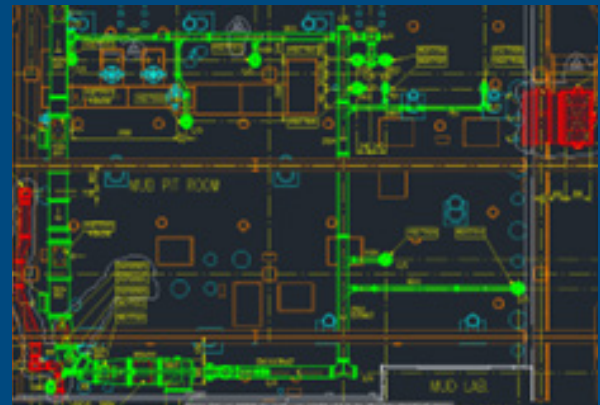
In addition, Stork implemented a competency management system to complete the nationalisation programme.

Nationalisation programme overview:

As part of an agreement between the client and local government, Stork were required to provide a detailed plan of how each core position would be transitioned from an expatriate to local personnel over the course of the contract.

At contract commencement, Stork determined that local personnel with mechanical or electrical backgrounds would require training to ensure they met the relevant standards for the workscope. This was carried out in collaboration with the in-country project manager and Stork's competency team to manage all workloads and organise relevant training courses. This ensured exposure to all elements that made up the competency profile for each position.

From here, each individual was buddied up with an experienced assessor who evaluated each candidate. Upon successful completion of the assessment, they were deemed competent and allocated to the appropriate position, in alignment with the nationalisation plan.



HVAC Ductwork GA drawing in CAD format

RESULTS & BENEFITS

- Improved maintenance regimes
- No safety critical maintenance backlog
- Successful switch from rotational to campaign-based maintenance on offshore assets