

SUBJECT: BASE LINE INSPECTION OF PROCESS PIPE
WORK ON BOARD KWAME NKRUMAH FPSO

OUR TEAM: 3-PERSON



PROJECT OVERVIEW:

AquaTerra personnel were mobilised to complete an initial baseline inspection survey of the FPSO's process pipework and pressure vessels using ultrasonic, eddy current and visual examination techniques in accordance with API510 and API 570 requirements.

KEY CHALLENGES:

- Cutting out insulation monitoring access points and fitting plugs to allow subsequent monitoring
- Working on pipe work up to 121°C
- SRU unit added to work scope when on site, with all pipe work being stainless steel



TURNKEY OFFERING:

- Visual and UT thickness measurements of the piping and pressure vessels under survey
- Visual Inspection – Process piping survey according to API 570
- Visual Inspection – Pressure vessel according to API 510
- UT Thickness Measurements – Process piping survey according to API 570
- UT Thickness Measurements – Pressure Vessel survey according to API 510

AGILE APPROACH:

- Small yet flexible multi-disciplined team with a wide range of skills and overseas experience
- Matrix of available skills and competence compared against project requirements in order to create the project team
- Rope access qualified stable crew with no reliance on third party support



ADDED VALUE:

- Reduced non-productive time, increased utilisation and productivity, and improved wrench time
- Project completed incident free and within budget and schedule
- Use of multi-disciplined personnel covering all required skills reduced bed space demands

YOUR TOTAL CONSTRUCTION TEAM

AquaTerra Group AquaTerra House, ToftHills Avenue,
Midmill Business Park, Kintore, Aberdeen, UK AB51 0QP
T +44 (0) 1224 392626 E construction@aquaterra.co.uk
