

SUBJECT: CONCRETE LEG INTERVENTION AND INSPECTION ON BRENT CHARLIE

OUR TEAM: 8-PERSON

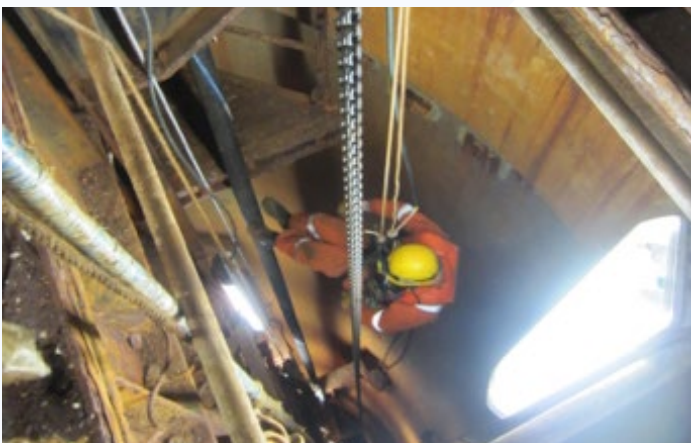


PROJECT OVERVIEW:

AquaTerra successfully carried out concrete column and sub gas tight floor intervention, cell fill lines, manifolds, critical weld root inspection, riser work, various pipe work including bond strand pipe work inspection and the survey for and installation of cathodic protection. AquaTerra has extensive experience with Shell working in their concrete legs from 2004 onwards.

KEY CHALLENGES:

- Working under full line fed breathing apparatus
- Flexibility around trade skill requirements to meet changing work scopes
- All equipment and men having to work through one congested access hatch



TURNKEY OFFERING:

- PDO sweep
- Installation of life support systems
- Breaching gas tight floor
- Installation and configuration of vent lines, pumps and valves
- Extensive pre-job training on UT techniques on low wall weld corrosion defects, with new technique sheet compiled and issued
- UT Inspection of all cell fill lines sub GTF
- UT inspection of the 20" manifolds
- UT inspection of 18" risers
- Close visual inspection of bond strand pipe work
- Survey areas and measure up for new cathodic protection to be installed

AGILE APPROACH:

- Matrix of available skills and competence compared against project requirements in order to create the project team
- Multi-disciplined personnel supplied allowed for flexibility to move personnel from one scope to another
- Continuous forward resource planning and back-to-back mirrored crews ensured required skills and competences were available at all times



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

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