ALUSTAR ALUMINIUM SYSTEM SCAFFOLD

Workscope

Stork was contracted by a major UKCS operator who presented a number of challenges.

They required:
- A faster erecting and dismantling scaffold system
- Reduction of manual handling and loads applied to aging steel structures
- The scaffold material had to resist the effect of corrosion compared to the conventional tube and fittings
- Eliminate the requirement for using scaffold fittings.

Results & benefits

- Over 60% reduction in manual handling for all scaffolders
- Faster installation time compared to conventional scaffold access (less than 50% of time).
- Reduction in scaffold tonnage required i.e. 24.0 Te as opposed to 60.0 Te in comparison to conventional material
- As the tubular components are 48.3 external diameter, traditional fittings/tubes can be attached

Solution

After conducting a comprehensive research and development programme, Stork successfully sourced and implemented Alustar’s aluminium system. This system has a robust and highly proven offshore track record, having been used extensively within the Norwegian and Danish sectors of the North Sea. Prior to implementation, Stork provided full training for all Scaffolders involved.

Project information

When: August, 2017
Location: UKCS
Product: Alustar Aluminium System Scaffolding.
Safety: Project delivered safely, on time and with no incidents.

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