

INDUSTRIAL CLEANING SHUTDOWNS

PROJECT INFORMATION

Date: 2024
Location: Armada, North Everest, Lomond, Judy and Britannia platforms
No. of Scopes: 40 (including a variety of production separators, tube bundles and gas filters)
Waste Removed: Approx. 57 tonnes
HSEQ Statistics: No loss of time or safety incidents

SCOPE OF WORK

Stork has a long-standing relationship with Harbour Energy. Our industrial cleaning team recently mobilised to execute five shutdowns across the Armada, North Everest, Lomond, Judy and Britannia platforms.

The scope of work included the decontamination of **40 production vessel**, coolers and heaters, removing substantial quantities of hydrocarbon, naturally occurring radioactive material (NORM) and other contaminated solid waste.

Once cleaned, the vessels were inspected for potential surface corrosion and coating damage. Areas identified requiring repair were grit blasted and completed using a 2-part composite for metal repair and resurfacing.

STORK'S APPROACH

Through the efficient mobilisation of multi-disciplined teams, who worked a range of shifts, our experts safely carried out confined space entry cleaning utilising a variety of high pressure water jetting techniques. This included hot jetting and ultra high pressure (UHP) to ensure effective waste removal and surface cleanliness.

Internal furniture was carefully removed by our operatives and reinstated where required.

Areas identified for coating repairs were blast cleaned to be Sa.2½ BS EN ISO 8501-1:2001 compliant, ensuring all surfaces to be coated were clean and free from surface contamination.



Photo: Coating breakdown, blast area and repair

THE RESULTS

- All production vessels, tube bundles and gas filters were cleaned, inspected and reinstated back for operation
- The assets' lives were prolonged through improved efficiencies and downstream component erosion is expected to be reduced in the long-term
- All industrial cleaning work was carried out using an extensive fleet of in-house ATEX rated equipment and jetting accessories



Photo: Production separator before and after waste removal and HP cleaning

- The campaigns were completed with a safety-first approach, with no accidents, incidents or environmental issues
- A recorded total of **57.2 tonnes** (57,200kgs) of NORM contaminated solids waste were removed across all assets. This was stored safely in controlled skips/tote tanks for onshore disposal to provide an efficient and environmentally friendly method for removal

CLIENT FEEDBACK

“ The vessel cleaning team demonstrated a fantastic working practice throughout their time on the Platform. Stork was a pleasure to work with and helped control and deliver all the support required for the team - from the workpack delivery phase to equipment/personnel mobilisation for the execution of the shutdowns. ”

- Shutdown Campaign Supervisor

With over 30 years' industry experience, we are ready to deliver a wide range of industrial cleaning scopes, tailored to suit individual project requirements.

After the industrial cleaning process is complete, our in-house asset integrity teams carry out all inspection requirements. View our latest case study on the inspection phase here: [Remote Field Testing](#).

For more information, visit stork.com/uk or email info.uk@stork.com to speak to our experts.