

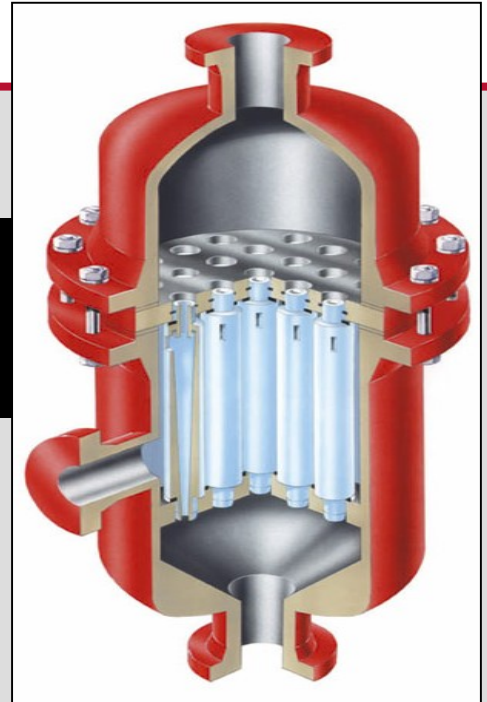


Weatherford®

REAL RESULTS

Hydrocyclone System Makes North Sea Online Vessel Cleaning Operation Safer, More Efficient

Location: North Sea, U.K.
Vessel: Subsea test separator
Method: Hydrocyclone system
Equipment: Nitrogen pump, flushing pump, jetting pump, and hydrocyclone



Objectives

- Clean all debris from the subsea test separator and associated pipework without entering the vessel.
- Minimize the amount of waste transported onshore.
- Minimize waste handling.

Results

- A Zone I flushing pump was used to successfully flush out the separator and all the process pipework. The hydrocyclone system separated waste fluids and solids. The amount of waste for disposal onshore was reduced.
- Fluids were returned to the production system for processing.
- All debris was removed safely and efficiently, with minimal handling.

Value to Client

- Use of the hydrocyclone system removed the requirements for vessel entry and for offshore waste handling, making the operation safer and more efficient.
- The fast turnaround of this operation made the production vessel available for operations in only three weeks.

Weatherford
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Weatherford's jetting unit was kept on standby in the event of unforeseen blockages.