

TECHNICAL SPECIFICATION

Sandwash System

Stork's award-winning sandwash system cleans sand using a chemical sparge system with oil on sand results typically less than 1%, which is well within the Site Specific Limits governed by DECC Regulations for overboard disposal. The in-house volumetric analysis model allows accurate measurement of waste and optimum chemical dosing via a suction pump line.

Coupled with the handheld oil-on-sand analyser for rapid on-site analysis, the field proven sandwash system provides assurance that legislative requirements regarding the control of overboard discharge are met.

The system is ATEX compliant for zone 2 hazardous areas and is certified to DNV 2.7 - 1.

Service:

- Ambient temperature from -20 to +40°C

Weight & Dimensions:

- Solids Wash Tank - 5000kg (dry) 9000kg (wet)
- Equipment footprint 7.5m²
- Dimensions 2.9m x 2.5m x 2.5m (LWH)

Operating Specification:

- Normal working pressure - atmospheric
- Capacity - 30bbbls
- Process temperature range 3°C to 100°C
- Maximum solids batch size - 2 tonnes
- Wash recycle rate - 700gpm
- Hose connections - Inlet 3" Camlock, Outlets 2" Camlock
- Power supply - 415v 63A 3ph power supply required
- Forced ventilation ducting connection - 12" diameter
- Process fluid - sand slurry comprised of sea/fresh/produced water (client set-up specific)

Design Specification:

- Design pressure - full vacuum to 1.0 bar
- Design code - PD5500:2006: CAT2
- Tank Material - ASTM A240 316L
- ATEX Classification: CE Ex Group II Cat 3G IIB T3
- IP 55

