OCEANEERING FLUSHING & TESTING UNIT

High-Pressure Flushing & Hydrostatic Testing for Subsea Applications

Flowplant designed and manufactured a bespoke flushing and hydrostatic testing unit for Oceaneering, combining high-flow flushing performance with ultra-high-pressure testing capability in a single package for critical subsea operations.



CUSTOM Engineering | **BRITISH Manufacturer** | **PROVEN Performance** | **SYSTEM Reliability**

The Challenge

- Flush and pressure test subsea equipment with one unit
- Achieve strict fluid cleanliness standards
- Deliver reliable high-pressure performance
- Support implementation with training and commissioning

Flowplant's Solution

Flowplant engineered a custom flushing and hydrostatic testing system incorporating proven Harben pump technology, advanced filtration and integrated high-pressure test capability. The project included delivery, commissioning, operator training and after-sales support, ensuring reliable operation from day one.

PROJECT HIGHLIGHTS

- Harben® P-Type flushing pump
- 30 l/min at 345 bar (5,000 psi)
- Hydrostatic testing to 2,070 bar (30,000 psi)
- Dual filtration system
- ISO 4406 17/15/12 cleanliness level
- 350-litre tank with VFD control
- Exported to USA facility
- On-site training provided

RESULTS

- Improved testing efficiency
- High cleanliness performance
- Combined flushing and pressure testing
- Successful site commissioning
- Operator training completed
- Ready for demanding subsea applications

- Flushing & Pressure Testing in One Unit
- Up to 30,000 PSI Test Pressure
- Engineered, Delivered & Commissioned

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FLOWPLANT®

Scan the QR code to find out more and tell us about your custom project requirements