

PRODUCTION CONTROL SYSTEMS

HPU



Overview

We specialise in the design and manufacture of bespoke; IWOCS, production control systems and subsea assemblies. We also offer a comprehensive range of services to support these assets in the field.

Bespoke low, medium or high pressure HPUs can be designed to any; footprint, height and weight. Multiple well-head slots and client specific functional controls can be engineered to any work scope.



Features

- Choice of pneumatic or electric pressure generation.
- Customisation of ESD to interface with client's control philosophy
- Operating system can be direct, manual valve or electro hydraulic (EH) controlled via PLC/HMI
- Accumulation within separate ventilated compartment if required
- Full emergency stop system
- Pressurised container, suitable for use in hazardous areas can be integrated
- Future proofing by adding spare slots
- Fire detection system
- Integrated air conditioning units

Added Value Services

- Pressure Test / Flush/ FAT Testing
- Training provision for client's personnel
- Maintenance and technical support
- Manpower installation and commissioning

Certificate of Compliance

- CE compliant (including ATEX and machinery directives)
- IECEx certification if required
- Steel frames can be certified to DNV GL-ST-E271
- NORSOK compliance

Manufacturing Process

- All manufacturing processes are accredited by Lloyds ISO 9001:2015 / OSHAS 18001:2007
- All stages of fabrication and assembly can be carried out on site thereby ensuring full control of quality and production processes
- Production welding can comply with any specific quality or industry standards
- Experienced using conventional and exotic materials including; inconel 625, 6Mo, duplex, super duplex and hastelloy C276



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