

Your Reliable Service Partner in Scotland for Rotating Equipment





OFFSHORE CONTAINER
000-2211
NORSK PETROLJEFORVALNING
OFFSHORE CONTAINER SYSTEM



Technical specifications and safety information on a metal plate.

The Sulzer Advantage



Capabilities

- HV (high voltage) and LV (low voltage) rewinds
- Electrical supply
- Field services
- Condition monitoring
- Offshore and onshore maintenance
- Mechanical engineering
- Drives and controls
- Pump repair, maintenance and refurbishment
- HV load testing - 1.5MW at 11Kv, 50/60 Hz
- HV and LV repair, maintenance and refurbishment

Facility

- ISO 9001, ISO 18001, ISO 14001 accredited
- Up to 40t crane capacity
- Falkirk facility: 4,330 m²
- Aberdeen (Dyce) facility: 4,000 m²
- Aberdeen (Ellon) facility: 6,500 m²
- Glasgow facility: 620 m²
- Purpose built 40,000 sq ft storage facility adjacent to Falkirk Service centre - humidity, temperature and zero vibration levels controlled

Your partner

- Optimise your operational efficiency with customised solutions
- Enhance your competitive advantage through energy efficiency, improved production output and extended maintenance cycles
- Dedicated service personnel can be at any site for emergency call-out, assessment and repair, 24 hours a day – 365 days a year

Your Service Solution

Your operations need to run reliably and flexibly. Solutions to improve these key factors are developed together with you and based on experience and expertise.



Taking on Your Challenges

Reliable quality and delivery are ensured through a combination of in-depth technical expertise and first-class engineering facilities. Meeting your requirements means finding the best possible solution with you.

HV and LV rewinds

You benefit from:

- Inspection and electrical testing
- Low, medium and high voltage motor rewinds
- Generator rewinds
- Repair, refurbishment and re-manufacture of parts
- Coil manufacture and supply
- 24/7 Rapid response and field service
- Service agreements and frameworks
- Repair, maintenance and refurbishment



Pump repair, maintenance and refurbishment

You benefit from:

- 24/7 Technical support
- Performance analysis
- Field service support
- On site and remote condition monitoring
- Troubleshooting
- Mechanical inspection
- Cost effective repair and overhaul
- Mechanical upgrades
- Hydraulic retrofits (design / duty changes)
- Predictive and preventative maintenance
- Integrity and reliability assessments
- Stock selection, storage and control



Electrical control panel manufacture and service

You benefit from:

- Design, manufacture and test control panels and systems to NORSOK / DNV, or any specific standards you may require
- Inspection and verify service of existing control panels
- 24/7 on-site commission service
- Manufacture of explosion proof and hazardous area enclosures and systems
- 2D and 3D design capabilities, comprehensive operations and maintenance manual (O&M) and documentation capability



Onshore and offshore maintenance

You benefit from:

- Hazardous area electrical installation and certification
- Industrial electrical installation service
- Periodic inspection
- Portable appliance testing (PAT)
- High voltage electrical jointing and terminations up to 36KV
- Preventative maintenance
- Prevention of downtime
- Site surveys
- Fault diagnostics
- Life cycle extension recommendations
- 24/7 availability



Condition monitoring

You benefit from:

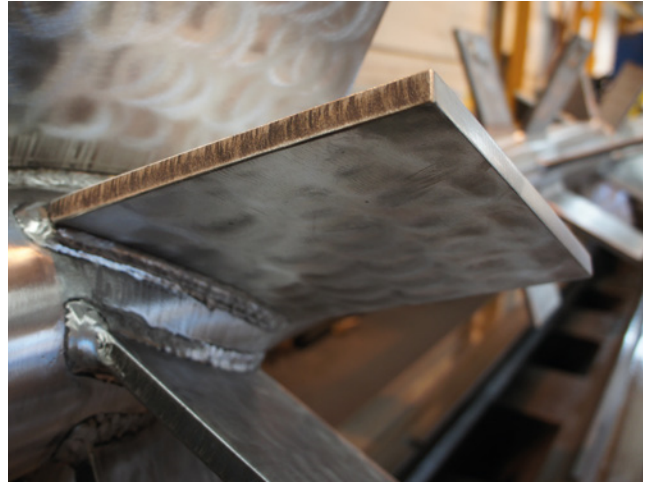
- Partial discharge analysis – in-house StatorMONITOR system for stator insulation monitoring of HV machines
- StatorMONITOR sensor - Ex rogowski coil supply and installation
- Thermographic surveys
- Partial discharge analysis – HV switchgear
- Phase current analysis – MotorMONITOR system for the detection of rotor bar faults
- Vibration analysis
- Laser alignment
- Dynamic balancing
- Mechanical condition monitoring
- Partial discharge analysis – HV Cables
- Oil analysis
- Airborne ultrasound surveys
- Primary Injection testing – Circuit breakers
- Secondary Injection testing – Protection relays



Mechanical engineering

You benefit from:

- Custom machining solutions to suit your need within the reclamation process, including turning, boring, milling and grinding
- Service agreements
- 24/7 rapid response and field service



Drives and controls

You benefit from:

- Repair of drives, PLC, HMI, power supplies, control and instrumentation equipment
- Preventative maintenance for drives and PLC equipment
- Repair, refurbishment and re-manufacture of obsolete equipment
- Replacement with new equipment, including programming and adding additional functionality
- 24/7 availability



Electrical supply services

You benefit from:

- Stockists and distributors of hazardous area and industrial motors
- Hazardous and safe area materials
- Supply and hire of junction boxes, transformers, lighting, tray, channel ladder rack
- Supply and hire of generators / compressors, purchase control gear and soft-starts
- Supply and hire of hydraulic crimper equipment, cable rollers and jacks, test instruments
- Supply of pumps
- Equipment hire



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