



**Rig Systems Aftermarket**

# Søgne Repair Center

## Bringing service and repair to you

With a 25-year history, our repair facility in Søgne, Norway, is ready to quickly provide the local repair and service you need to help you thrive in the North Sea drilling market. Supporting the region, this 10,000 square meter facility is strategically located to help reduce downtime and shorten response times. Easy access geographically, and a vast supply of parts and services on-hand and skilled repair technicians ensure we are prepared to keep your equipment running efficiently so you can maximize uptime.

Our qualified personnel are trained in the repair of a large variety of NOV equipment. All equipment is inspected thoroughly to meet our quality standards, and only OEM replacement parts are used to refurbish your equipment.

Our support for your operation goes beyond supplying equipment. By providing local service and repair through our facility, we help maintain your equipment and assist your crew.

**Certifications:** ISO certified – ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007



### NOV Repair Søgne

Birkedalsveien 100

4640 Søgne

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## Capabilities

In Søgne, we conduct overhaul, refurbishment, repairs, full-scale integrated testing with actual plc software, and interfaces, integration of upgrades and rental offerings on the following equipment which includes but is not limited to:

- Top drives
- BOPs
- Hydratongs
- Casing tongs
- Anti-recoil/main shutdown valves (ARV/MCV)
- Access/baskets
- N-Line/wire line/active heave comp cylinders
- Crown blocks/hook blocks
- Gripper/guide heads
- Hydraracker assemblies
- BX elevators



## Facility capacity

- 10.000 m<sup>2</sup> indoor workshop
- 18.000 m<sup>2</sup> outdoor storage area
- 126 T crane capacity (2x63T)
- 5 Megawatt power capacity
- 500 bar 1150 l/m hyd ringline
- 420 bar 720 l/m water-glycol ringline
- IPS port terminal at deepwater quay
- In-house project management
- In-house engineering
- In-house rental/exchange dept.
- In-house QC/test dept.
- In-house spare parts warehouse

## Testing capabilities

**Top drive test stand:** Multi-interface top drive test stand with 237000 Nm/174000 ft lb airbrake.

Fully integrated with PLC software interfaces. To ensure full FAT test of total top drive portfolio supplied by NOV.

**Iron roughnecks/casing tong test stand:** Multi-interface test stands to ensure full PLC integrated FAT test of total iron roughnecks and casing tong portfolio supplied by NOV.

**Anti-recoil valves test stand:** Our antirecoil valve test stand have multi-interfaces to ensure pressure/function, and FAT test of all ARV and MCV valves supplied by NOV.

**N-Line/wire- line/AHC cylinder test stand:** We have indoor cylinder test jig connected to water glycol 420bar/720l/m ring line. To perform flushing/pressure /function and FAT test on these cylinders.

**Elevator load test stand:** We have load test stand up to 750 T.

**Swivel hook test stand:** We have heavy load test jig for swivel hooks up to 100 T.

**Personnel basket test stand:** Multi- interface test stand to ensure full FAT test for total basket portfolio supplied by NOV.

**Gripper/guide head and racking arms test stand:** Our test stand for gripper and guide heads cover all range for Hydra Racker and XY Rackers as well as upper/main, and lower racking arms.

**Pressure testing:** We have three separate ring lines. Two with hydraulic oil (600 l/m 350 bar); one with water/glycol ( 720 l/m 420 Bar).