

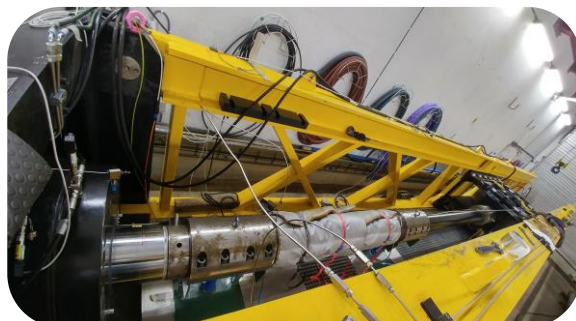
Tension & Compression testing

Facility for testing at downhole conditions



Tension & Compression

1500 tons (3300000 lbs.)



Description

The all new test frame has proven its value added function for clients during testing to high axial loads in combination with pressure and temperature on the test object.

Object length is per date 9,5 meters, diameter up to 1000 mm

Quick connectors for easy installation.

The test frame is a standalone object and can be placed either in the HETE or DIACS test lab.

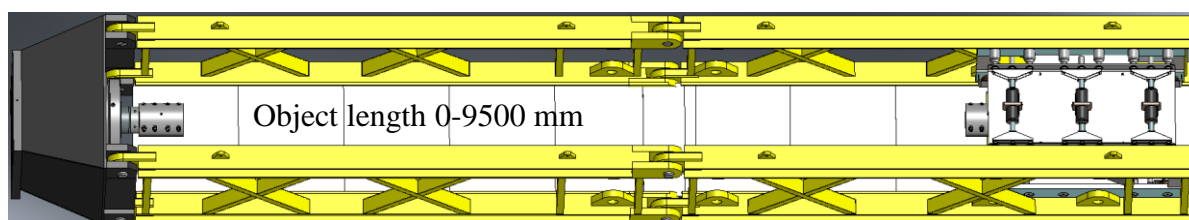
Facility specification	Value	Unit
Axial tension	1500	Metric tons
Axial compression	1500	Metric tons
Maximum object pressure	4000	bar
Temperature range	-20 to 300°C*	°C

* temperature range can be enlarged

The facility is equipped with a comprehensive data acquisition system flexible for adjustments to customer requirements. Facility is remotely operated from separate building.

Application

A range of packers, plugs, liner hangers downhole equipment in general have previously all been thoroughly tested utilising this facility. Special test chambers have and can be made and used together with the infrastructure of the facility to pressurise and heat all types of tools and equipment.



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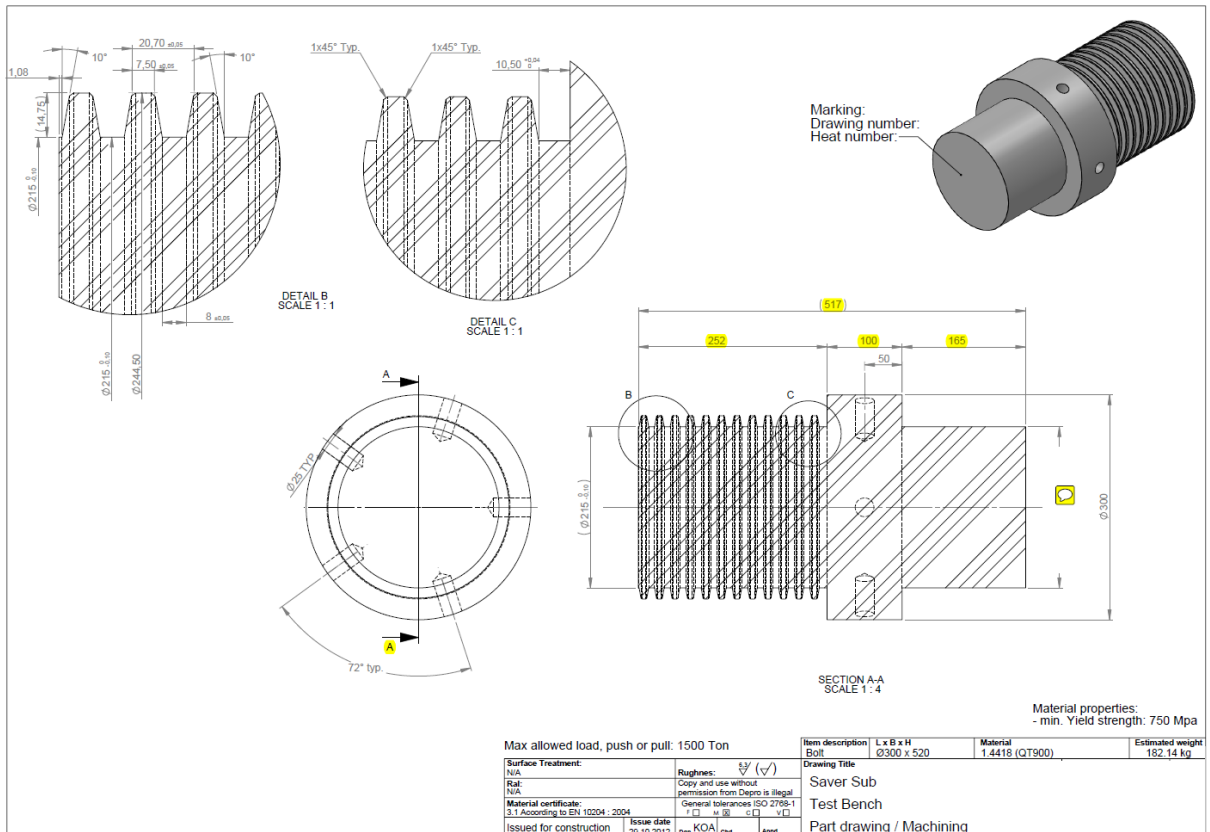
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PRESSURE & TEMPERATURE TESTING

Facility for testing at downhole conditions



Interface



- PLC conducted control
- Continuous load acquisition by hydraulic pressures
- Strain gauge measurements can be facilitated
- Separate load cell on request



Typical test programs

- Statoil TR 2385
- ISO 14998
- ISO 14310
- Custom programs
- Available bleed down procedures for gas to avoid Rapid Gas Decompression (RGD)

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