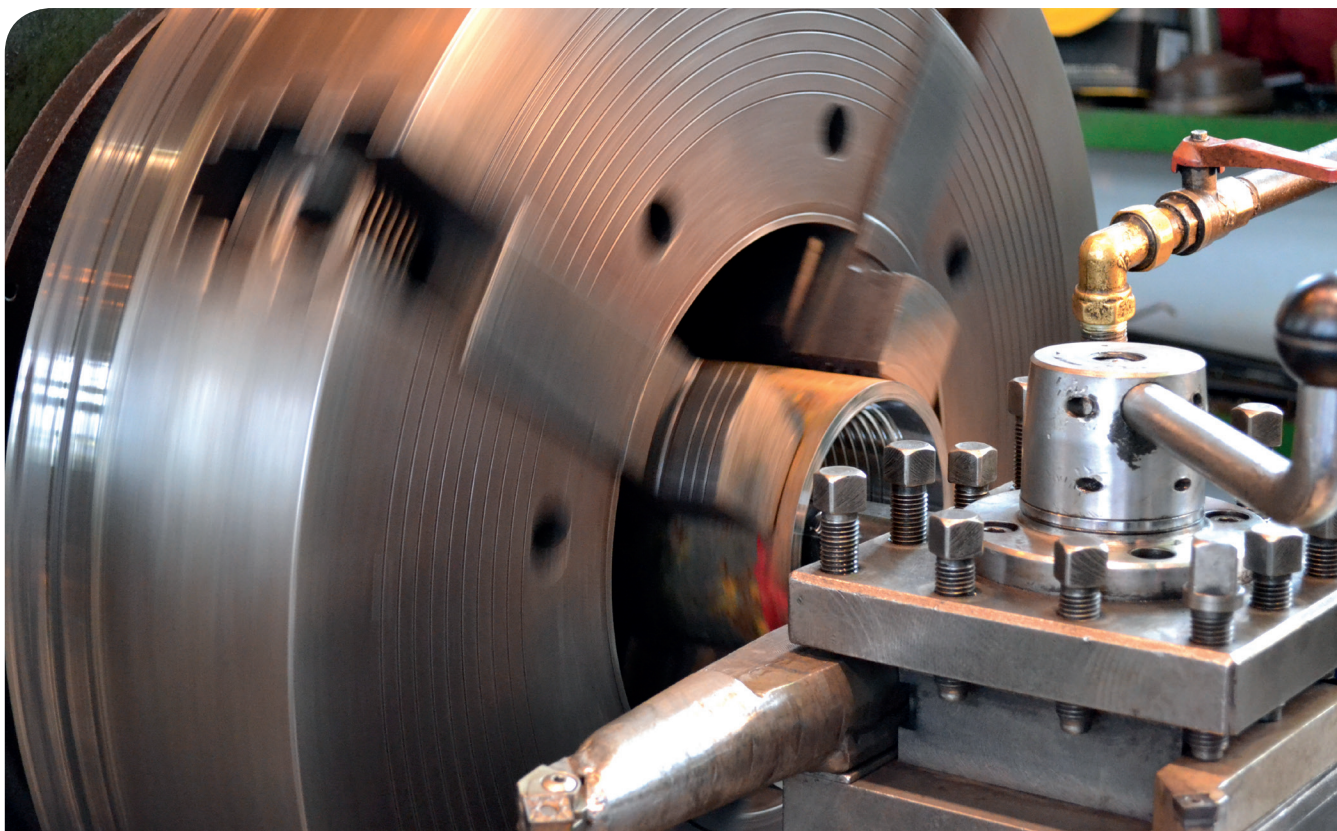


Machinery Division



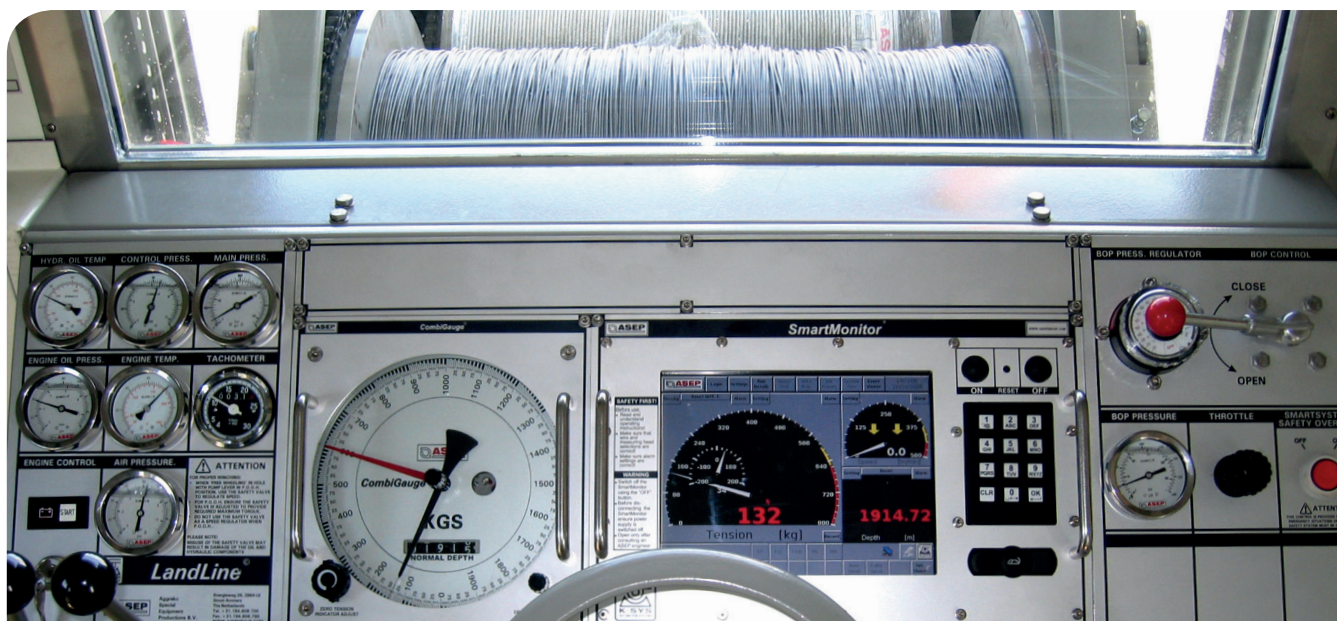
The main activity of the Machinery Division in MND Drilling & Services a.s. is the manufacture and repair of gate valves and flanges, drilling tools, wellhead equipment and X-mas trees.

The Machinery Division provides the following services:

- ▶ Manufacturing of wellhead equipment and X-mas trees up to 70 MPa acc. API Spec. 6 A.
- ▶ Manufacturing and repair of drilling equipment, including mills, under-reamers and fishing tools.
- ▶ Manufacturing of crossovers, flanges and threads according to required standards.
- ▶ Non Destructive Testing of all drilling tools and other equipment by means of radiography, ultrasonic, magnetic and penetration testing.

All workers and technicians in the NDT department are qualified according to EN 473, SN-TC-1A and certified by TÜV CERT and APC.

Internal Services



Slickline Service

- ▶ Lock mandrel setting
- ▶ Shifting sliding sleeves
- ▶ Tubing punching
- ▶ Fishing operations
- ▶ Paraffin cutting
- ▶ Swabbing up to 3.5" tubing
- ▶ Down hole sampling
- ▶ Bottom hole pressure and temperature measuring

Cementing Service

- ▶ Casing and plug cementing
- ▶ Hydraulic fracturing, acidizing
- ▶ Pressure testing
- ▶ Tubing and flow line dewaxing

Logging and Perforation Service

- ▶ Cased hole production logging
- ▶ Cement bond logging
- ▶ Multifinger caliper
- ▶ Omni directional thickness
- ▶ Wireline and tubing conveyed perforation
- ▶ Casing and tubing severing service

Mud Service

- ▶ Drilling fluid services
- ▶ Solid control services
- ▶ Completion fluids
- ▶ Lab testing
- ▶ Waste Management