

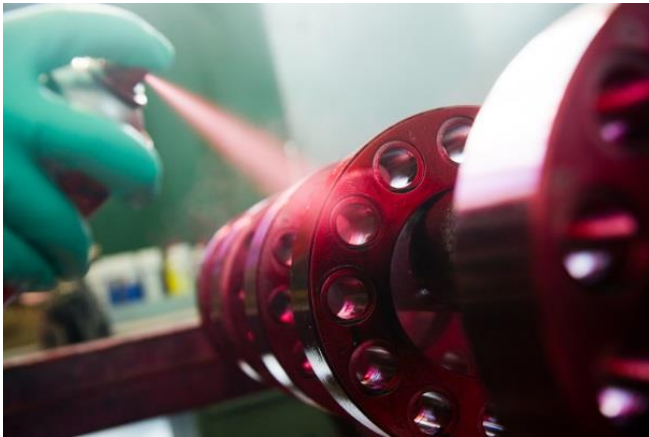
# Non-destructive material testing (NDT)

## Non-destructive testing methods

Through experience and constant adaptation of test methods to the latest findings in technology and standards, we have become the leading Swiss company in the industry. Mobility and flexibility as well as economical and user-friendly methods are the most important characteristics of our services. Our employees are qualified and certified in all procedures up to level 3 according to EN ISO 9712, EN 4179 and SNT-TC-1A. Among our long-standing and numerous customers are well-known companies from aerospace, medical technology and the power plant industry.

### Dye penetrant testing (PT)

- Penetration baths fluorescent for large quantities
- Penetrant inspection for individual parts and large parts



Dye penetrant testing PT

### Magnetic particle testing (MT)

- Test equipment for a test length of up to 3200mm and 2t weight
- Direct current test systems for a test length of up to 2500mm

### Ultrasonic testing (UT)

- Mechanized testing of circumferential seams
- Phased Array Test Engineering
- Ultrasonic immersion technology  
(Tank size: 1600mm x 1200mm x 800mm)

### Radiographic testing (RT)

- Various X-ray facilities in our X-ray building
- Digital radiography with imaging plates
- Laboratory trolley for mobile X-ray testing with the possibility of conventional X-ray film processing and digital on-site radiography

### Eddy current testing (ET)

- Testing with electronic data recording
- Testing of heat exchangers with own eddy current probes
- Gear rim inspections of cement mills with eddy current array probes on uncleaned components
- Tank bottom testing through synthetic resin coatings
- Non-contact weld seam testing directly in the production process



### Visual inspection (VT)

- Optical and visual inspection of a product
- Visual inspections can be performed on parts in operation become
- Check for mechanical damage (scratches, cracks), dirt deposits, assembly errors, burr formation, end crater cracks and penetration notches
- Check for colour changes, surface roughness and lack of attachment



Mobile radiographic testing

### Delivery time

Depending on the type and scope of the tests carried out or the necessary test duration. As a rule within a few working days or even hours.

