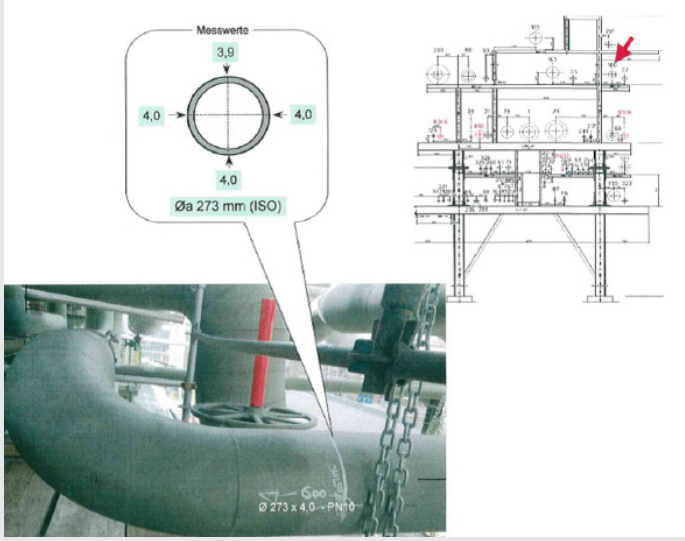
NON-DESTRUCTIVE TESTING

We perform non-destructive testing on pressure devices like pipes and vessels for different customers.

These tests within the life cycle of a plant are based on the legal requirements of the work safety regulations (Betriebssicherheitsverordnung/BetrSichV).



Ultrasonic Wall Thickness Measurements
(Non-destructive testing instead of pressure test)

- Determination of the points and surfaces to be examined
- Surface preparation of the measurement points
- Performance of ultrasonic wall thickness measurements
- Surface rework of measuring points (corrosion protection)
- Reproducible documentation of the measurement results in a test protocol (comparison of required wall thickness with the measured residual wall thicknesses)
- Formulation of revamping plans

Test Personnel/Qualifications

- Certified test personnel according to DIN ISO 9712 (UT1 to UT3)
- Test Manager UT-step 3
- „Qualified authority for pressure equipment and pipings“ according to work safety regulations
- QM manual
- Inspection instructions

Testing Devices

- Digital display measurement device with data storage
- Certified step wedges for instrument calibration

Ultrasonic wall thickness measurements

Test personnel / Qualifications

Test devices

We would be glad to counsel you concerning your specific plant requirements.

Engineering & Maintenance

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