



## ■ A great number of testing installations

This is an extract of testing methods available at BUTTING:

**Table 3.5.2.1\_1:  
Non-destructive testings**

Radiography

Radioscopy

Digital X-ray technology (radiology) system for pipes up to 18 metres

Eddy-current testing

Ultrasonic testing

Hydrostatic pressure testing

Endoscopy

X-ray flash device

Surface roughness measurements

Crack detection via helium leakage test, dye-penetrant testing and magnetic particle inspection

No guarantee for correctness

**Table 3.5.3\_1: Destructive testings  
(carried out in our own lab)**

Corrosion tests

Hardness tests

Ferrite determination

Tensile tests with determination of elongation

Hot tensile tests

Bend tests

Charpy impact tests (incl. low-temperature)

Technological tests

Metallographic examinations

Spectroscopic analyses

No guarantee for correctness

