



ses inspekt

ses tlmače

ČLEN SKUPINY SES TLMAČE



TESTING AND CALIBRATION LABORATORIES

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Current certificates of company:

- Accreditation Certificate of Testing Laboratory No. S 060 to ISO / IEC 17025:2005
- Accreditation Certificate of Calibration laboratory No. K 054 to ISO / IEC 17025:2005
- Authorisation - Expert reviews and testing of specialised pressure equipment in operation

Company is included in environmental management system of SES a.s. according to STN EN ISO 14001



TESTING LABORATORY :

- Section of Defectoscopy
- Section of Mechanical Examinational
- Section of Chemical Laboratory

CALIBRATION LABORATORY :

- Section of Calibration Laboratory

TESTING AND CALIBRATION LABORATORIES ARE ACREDITED ACCORDING TO ISO/IEC 17025:2005.

Accredited and unaccredited services of sections of SES INSPEKT, s.r.o. :

SECTION OF CALIBRATION LABORATORY

Calibration of gauges:

- deformation and numerical pressure gauges
- callipers, pasameters and micropasameters
- micrometric gauges, comparative scales
- internal micrometers, inside micrometer callipers
- dial indicators, measuring tapes
- steel racking meters, cylindrical and snap gauges
- splineway gauges, check rings
- feeler gauges, deflection gauges with measuring arms
- screw plug gauges for outer and inner screw
- calibration foils
- control rollers
- steel rulers
- squares, angle protractors
- building spirit levels



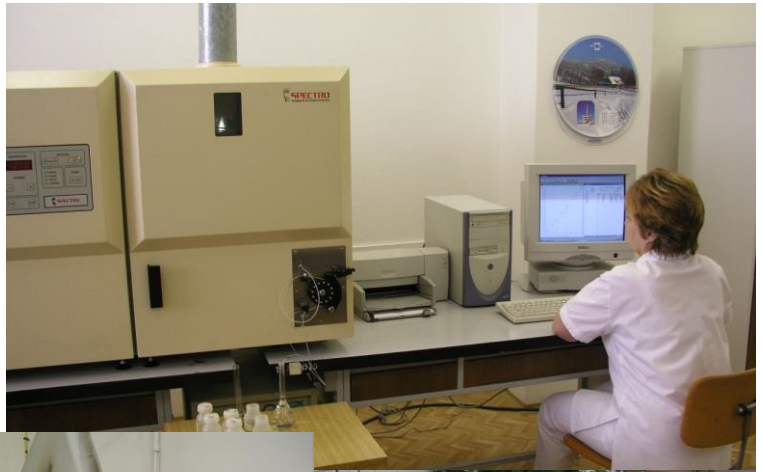
SECTION OF DEFECTOSCOPY

- RT – radiographic testing
- UT – ultrasonic testing
- PT – penetrant testing
- MT – magnetic particle testing
- VT – visual testing
- LT – leakage testing
- UTT – ultrasonic thickness measurement



SECTION OF CHEMICAL LABORATORY

- chemical analysis of iron, copper, aluminium and nickel based materials
- analysis of solid fuels and solid biofuels
- chemical and physical-chemical analysis of waste water and water for boiler operation
- chemical analysis of slag, ash and deposits on tubes of thermal power engineering units
- identification of materials by portable and mobile spectrometers



SECTION OF MECHANICAL EXAMINATIONAL

- tensile test of base material and weld seams
- hardness tests of base material and weld seams
- impact bending tests of base material and weld seams
- fracture tests of base material and weld seams
- technological tests – flattening tests, drifting tests, ring drifting tests, ring tensile tests
- ovality test
- measurement of weld size
- macrostructure and microstructure of base material and weld seams
- determination of resistant to intercrystalline corrosion
- determination of delta ferrite content
- hardness tests by portable hardness tester
- control bending of tubes (ovality measuring, hardness measuring, measuring wall thicknesses in bends)
- ultrasonic thickness measurement
- positive material identification (PMI, x-ray analyser units, Spektro M, Steeloskop)

