

**The Appendix is an integral part of  
Certificate of Accreditation No.: 154/2024 of 02/04/2024**

**Accredited entity according to ČSN EN ISO/IEC 17025:2018:**

**ČEZ, a.s.**

CAB number 1751, Material laboratory  
JE Temelín, 373 05, Temelín – TaRC

*Detailed information on activities within the scope of accreditation (determined analytes) is given in the section „Specification of the scope of accreditation“.*

**Tests:**

Ordinal number <sup>1</sup>	Exact title test procedure / method	Identification test procedure / method <sup>2</sup>	Testing subject	Degrees of freedom <sup>3</sup>
1	Vickers hardness test	LAB_LP_01 (ČSN EN ISO 6507-1; ČSN EN ISO 15614-1, cl. 7.4.5; ČSN EN ISO 9015-1; ČSN EN ISO 9015-2)	Metallic materials, welds	-
2	Impact bending test	LAB_LP_02 (ČSN EN ISO 148-1; ČSN EN ISO 15614-1, cl. 7.4.4; ČSN EN ISO 9016)	Metallic materials, welds	-
3	Tensile test	LAB_LP_03 (ČSN EN ISO 6892-1; ČSN EN ISO 6892-2; ČSN EN ISO 5178; ČSN EN ISO 15614-1, cl. 7.4.1; ČSN EN ISO 4136)	Metallic materials, welds	-
4	Bend test	LAB_LP_04 (ČSN EN ISO 7438; ČSN EN ISO 15614-1, cl. 7.4.2; ČSN EN ISO 5173)	Metallic materials, welds	-
5	Metallographic testing	LAB_LP_05 (ČSN EN ISO 5817; ČSN EN ISO 17639; ČSN EN ISO 15614-1, cl. 7.4.3, 7.5)	Metallic materials, welds	-
6	Determination of macrostructure	LAB_LP_06 (ASTM E381; ASTM E340)	Steel	-
7	Determination of microcleaness	LAB_LP_07 (ČSN ISO 4967; GOST 1778)	Steel	-
8	Determination of grain size	LAB_LP_08 (ČSN EN ISO 643; GOST 5639)	Steel	-
9	Determination of elements by optical emission spectrometers	LAB_LP_09 (ASTM E415; ASTM E1086; ASTM E1999)	Steel, cast-iron	-

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Ordinal number <sup>1</sup>	Exact title test procedure / method	Identification test procedure / method <sup>2</sup>	Testing subject	Degrees of freedom <sup>3</sup>
10	Determination of carbon and sulfur content by infrared absorption method after combustion in an induction furnace	LAB_LP_10 (ČSN EN ISO 15350)	Steel, cast-iron	-
11	Corrosion resistance test	LAB_LP_13 (ČSN EN ISO 3651-2; GOST 6032)	Steel	

<sup>1</sup> if the laboratory can carry out tests outside its permanent premises, these tests shall be marked with an asterisk at the serial number

<sup>2</sup> for dated documents identifying test procedures, only these specific procedures are used, for undated documents identifying test procedures, the latest edition of that procedure (including any changes) is used

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation

**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
9	C, Mn, Si, P, S, Cu, Ni, Cr, Mo, V, Ti, W, Nb, Al, Co, Zr, B, As, Sn, Pb, Sb, Ca, Zn, Mg, Ce, Ta, Bi, Se