EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

CERTIFICATE OF ACCREDITATION

No. **578/2025**

ČEZ, a. s.
with registered office Duhová 2/1444, 140 53 Praha 4
Company Registration No. 45274649

for the Testing Laboratory No. **1751**
Material laboratory

Scope of accreditation:

Testing of mechanical, chemical, corrosion, technological and metallographic properties of metals, including welded joints to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 431/2025 of 19/08/2025, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **26/01/2028**

Prague: 13/11/2025

Český institut pro akreditaci, o.p.s. CAI

Signed in the Czech original:
Zdeňka Drdová on 19/08/2025

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová

The Appendix is an integral part of
Certificate of Accreditation No.: 578/2025 of 13/11/2025

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[1]	Exact title test procedure / method	Identification test procedure / method[2]	Testing subject	Degrees of freedom[3]
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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Accredited entity according to ČSN EN ISO/IEC 17025:2018:

ČEZ, a.s.

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

Ordinal number[1]	Exact title test procedure / method	Identification test procedure / method[2]	Testing subject	Degrees of freedom[3]
10	Determination of carbon and sulphur content by an analyzer with infrared detection	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	-
12	Brinell hardness test	LAB_LP_15 (ČSN EN ISO 6506-1)	Metallic materials	-
13	Rockwell hardness test	LAB_LP_16 (ČSN EN ISO 6508-1)	Metallic materials	-
14	Determination of oxygen, hydrogen, and nitrogen content using an analyzer with infrared and thermal conductivity detection	LAB_LP_17 (ASTM E 1019; ČSN 42 0529)	Steel	-

[1] asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

[2] if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

[3] 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

"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself."