



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. 75/2026

České vysoké učení technické v Praze
with registered office Jugoslávských partyzánů 1580/3, 160 00 Praha 6 - Dejvice
Company Registration No. 68407700

for the Testing Laboratory No. 1379
Mechanical Testing Laboratory

Scope of accreditation:

Testing of mechanical properties of ceramics (bending, fatigue), static, fatigue and wear tests of medical devices 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.: 540/2023 of 12/10/2023, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **16/02/2031**

Prague: 16/02/2026



Signed in the Czech original:
Jan Velíšek on 16/02/2026

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: 75/2026 of 16/02/2026**

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

České vysoké učení technické v Praze
CAB Number 1379, Mechanical Testing Laboratory
Technická 4, 160 00 Praha 6 - Dejvice

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Static tests			
1.1	Determination of bending strength	ZP 01 (ASTM F382, cl. 7.2.1; ISO 9585)	Bone plates	-
1.2	Determination of bending strength	ZP 02 (ČSN EN 843-1)	Ceramics	-
1.3	Determination of bending strength	ZP 03 (ČSN EN ISO 13356, cl. 4.6; ISO 6474-1, cl. 6.4.3; ISO 14704; ČSN EN ISO 6872, cl. 7.3.2; ASTM C1161)	Ceramics	-
1.4	Determination of biaxial bending strength	ZP 04 (ČSN EN ISO 13356, cl. 4.5; ISO 6474-1, cl. 6.4.2; ASTM C1499)	Ceramics	-
1.5	Static test	ZP 13 (ISO 7206-10)	Femoral heads	-
1.6	Static torsion test	ZP 15 (ASTM F1264 cl. 6.5.2)	Intramedullary fixation devices	-
2	Fatigue tests			
2.1	Bending fatigue test	ZP 05 (ČSN EN ISO 13356, cl. 4.10; ISO 6474-1, cl. 6.9; ISO 22214)	Ceramics	-
2.2	Fatigue test	ZP 06 (ČSN EN ISO 14801)	Dental implants	-
2.3	Fatigue and static test	ZP 07 (ČSN EN ISO 11334-1, cl. 5.6, 5.7)	Elbow crutches	-
2.4	Bending fatigue test	ZP 08 (ASTM F382, cl. 7.2.2)	Bone plates	-
2.5	Bending fatigue test	ZP 09 (ASTM F1264, cl. 6.3.1, 6.4.1, 6.5.1)	Intramedullary fixation devices	-

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CAB Number 1379, Mechanical Testing Laboratory
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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
2.6	Bending fatigue test	ZP 10 (ISO 7206-4)	Femoral stems	-
2.7	Bending fatigue test	ZP 11 (ISO 7206-6)	Femoral necks	-
2.8	Bending fatigue test	ZP 12 (ČSN EN ISO 21536, cl. 7.2.1; ISO 14879-1; ASTM F1800)	Tibial trays	-
2.9	Bending fatigue test	ZP 16 (ASTM F1264 cl. 6.3.2)	Locking screws	-
3	Wear tests			
3.1	Wear test	ZP 14 (ČSN EN ISO 21536, cl. 7.2.2.2; ISO 14243-2; ISO 14243-3)	Knee-joint prostheses	-

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

Explanatory notes:

ZP – Testing method prepared by the Laboratory

"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."