

**The Appendix is an integral part of
Certificate of Accreditation No: 540/2023 of 12/10/2023**

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

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	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. 7.3.1; 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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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	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 F2083, cl. 6.3.1; 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; 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 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