

**The Appendix is an integral part of
Certificate of Accreditation No. 335/2023 of 22/06/2023**

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

VZLU TEST, a.s.
CAB number 1318, Testing Laboratories
Beranových 130, Letňany, 199 00 Praha 9

The laboratory has a flexible scope of accreditation permitted as detailed in the Annex.

Updated list of activities provided within the flexible scope of accreditation is available at the laboratory from the Testing Laboratory Quality Manager.

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1	Resistance test by damp heat, cyclic	ČSN EN 60068-2-30	Engineering and electrical engineering products, surface coatings and protections
2	Reserved		
3	Resistance test by salt spray	ČSN EN ISO 9227, except art. 5.2.4; ASTM B 117; ASTM G85, Annex A2; ECE Regulation No. 67.01 Annex 15, p. 12.1; ECE Regulation No. 110, Annex 5E, p. 1; ISO 15500-2, p. 10	Engineering and electrical engineering products, surface coatings and protections
4	Resistance test by sine vibrations	ČSN EN 60068-2-6; ČSN EN 50155; ECE Regulation No. 67.01; Annex 15, p. 10.5; ECE Regulation No. 110, Annex 5N; ISO 15500-2, p. 14	Engineering and electrical engineering products
5	Resistance test by random broadband vibrations	ČSN EN 60068-2-64; ČSN EN 61373; ČSN EN 61373:2002	Engineering and electrical engineering products
6	Resistance test by impact during weapons firing	MIL-STD-810, Meth. 519; MIL-STD-810G w/Change1, Meth. 519.7; MIL-STD-810G, Meth. 519.6; MIL-STD-810F, Meth. 519.5	Engineering and electrical engineering products

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
7	Resistance test by shock and impact	ČSN EN 60068-2-27	Engineering and electrical engineering products
8	Combined resistance test by temperature and vibration	ČSN IEC 60068-2-53; ČSN EN 50155	Engineering and electrical engineering products
9	Resistance test by hydraulic-pressure impulse without flexing	ČSN EN ISO 6803; ECE Regulation No. 67.01, Annex 8, p. 1.7, 2.7, 3.7 and 4.7; ECE Regulation No. 67.01, Annex 15, p. 10.4; ECE Regulation No. 110, Annex 4B, p. 1.7, 2.7	Rubber or plastic hoses and hose assemblies, exchangers, evaporators, tubes
10	Resistance test of hoses by hydrostatic pressure	ČSN EN ISO 1402; ECE Regulation No. 67.01, Annex 8, p. 1.5.5, 2.5.4, 3.5.5 and 4.5.5; ECE Regulation No. 110, Annex 4B, p. 1.5.4, 2.5.4; ISO 15500-2, p. 5, 6	Rubber or plastic hoses and hose assemblies, exchangers, evaporators, tubes
11	Resistance test by hydraulic-pressure impulse	ČSN 11 9008, p. 4.9; ECE Regulation No. 67.01, Annex 15, p. 9; ECE Regulation No. 110, Annex 3, Appendix A, p. A.6., A.13	Hydroelectric generators, hydraulic motors, hydraulic distributors, LPG and CNG components in cars
12	Resistance test by hydrostatic pressure	ČSN 11 9008, p. 4.4, 4.5; ECE Regulation No. 67.01, Annex 15, p. 4,5,6,7,8; ECE Regulation No. 67.01, Annex 10, p. 2.2, 2.3; ECE Regulation No. 110, Annex 5A, 5B, 5C	Hydroelectric generators, hydraulic motors, hydraulic distributors, LPG and CNG components in cars

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
13	Resistance test by change of temperature	ČSN EN 60068-2-14 Na; ČSN EN 60068-2-14 Nb; ECE Regulation No. 67.01, Annex 15, p. 16; ECE Regulation No. 110 Annex 5H	Engineering and electrical engineering products, surface coatings and protections
14	Resistance test by cold test	ČSN EN 60068-2-1	Engineering and electrical engineering products, surface coatings and protections
15	Resistance test by dry heat	ČSN EN 60068-2-2	Engineering and electrical engineering products, surface coatings and protections
16	Resistance test by damp heat, constant	ČSN EN 60068-2-78	Engineering and electrical engineering products, surface coatings and protections
17	Test of resistance to climatic changes (+80°C/-40°C)	PV 1200	Engineering and electrical engineering products, surface coatings and protections

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).

Annex:
Flexible scope of accreditation

Ordinal numbers of tests
1, 3 – 17

The Laboratory is allowed to modify the test methods listed in the Annex within the specified scope of accreditation provided the measuring principle is observed. The flexible approach to the scope of accreditation cannot be applied to the tests not included in the Annex.

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Explanations:

ASTM	American Society for Testing and Materials
MIL-STD-810	Military Standard issued by the U.S. Department of Defence
ECE	Regulations for LPG and CNG equipment homologation
PV	Volkswagen AG test prescription