



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

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

CERTIFICATE OF ACCREDITATION

No. 388/2019

VZLU TEST, a.s.
with registered office **Beranových 130, Letňany, 199 00 Praha 9, Company Registration
No. 04521820**

to the Testing Laboratory No. 1318
Testing Laboratories

Scope of accreditation:

Climatic and corrosion tests, vibration tests, shock tests and hydraulic tests 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 Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the 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.: 170/2017 of 17. 3. 2017, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **1. 8. 2024**

Prague: 1. 8. 2019



Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company



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

VZLU TEST, a.s.
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.

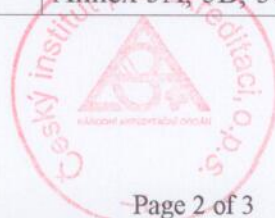
Tests:

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 ed. 2	Engineering and electrical engineering products, surface coatings and protections
2	Resistance test by sulphur dioxide with general condensation of moisture	ČSN ISO 6988	Engineering and electrical engineering products, surface coatings and protections
3	Resistance test by salt spray	ČSN EN ISO 9227 ASTM B 117 ASTM G85, Anne 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 ed. 2 ČSN EN 50155 ed. 3 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 ed. 2 ČSN EN 61373 ed.2 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 ed.2	Engineering and electrical engineering products
8	Combined resistance test by temperature and vibration	ČSN IEC 60068-2-53 ČSN EN 50155 ed. 3	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 ed.2 ČSN EN 60068-2-14 Nb ed.2 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 ed.2	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 ed.2	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 – 16

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.

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