



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. 170/2017

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 17025:2005

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.: 44/2016 of 29 January 2016, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **4. 8. 2019**

Prague: 17. 3. 2017



Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

**The Appendix is an integral part of
Certificate of Accreditation No. 170/2017 of 17/03/2017**

Accredited entity according to ČSN EN ISO/IEC 17025:2005:

VZLU TEST, a.s.
Testing Laboratories
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The Laboratory is qualified to update standards identifying the test procedures.

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	Test procedure/method name	Test procedure/method identification	Tested object
1	Damp heat test, cyclic	ČSN EN 60068-2-30 ed. 2	Engineering and electrical engineering products, surface coatings and protections
2	Sulphur dioxide test with general condensation of moisture	ČSN ISO 6988	Engineering and electrical engineering products, surface coatings and protections
3	Salt spray test	ČSN EN ISO 9227 ASTM B 117 ASTM G85, 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	Reserved		
5	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
6	Random broadband vibrations	ČSN EN 60068-2-64 ed. 2 ČSN EN 61373 ed.2	Engineering and electrical engineering products
7	Aircraft vibrations during weapons firing	MIL-STD-810E-Meth. 519.4	Engineering and electrical engineering products

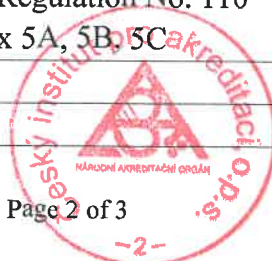


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Ordinal number	Test procedure/method name	Test procedure/method identification	Tested object
8	Shock test	ČSN EN 60068-2-27 ed.2	Engineering and electrical engineering products
9	Combined temperature and vibration test	ČSN IEC 68-2-53 ČSN EN 50155 ed. 3	Engineering and electrical engineering products
10	Hydraulic-pressure impulse test 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
11	Hydrostatic pressure test	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
12	Reserved		
13	Hydraulic-pressure impulse test	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
14	Hydrostatic pressure test	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
15	Reserved		
16	Reserved		



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Ordinal number	Test procedure/method name	Test procedure/method identification	Tested object
17	Reserved		
18	Reserved		
19	Change of temperature test	ČSN EN 60068-2-14 ed.2 Na ČSN EN 60068-2-14 ed.2 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
20	Cold test	ČSN EN 60068-2-1 ed.2	Engineering and electrical engineering products, surface coatings and protections
21	Dry heat test	ČSN EN 60068-2-2	Engineering and electrical engineering products, surface coatings and protections
22	Damp heat test, constant	ČSN EN 60068-2-78 ed.2	Engineering and electrical engineering products, surface coatings and protections

Annex:

Flexible scope of accreditation

Ordinal numbers of tests
1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 13, 14, 19, 22

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-810E Military Standard issued by the U.S. Department of Defence
ECE Regulations for LPG and CNG equipment homologation

