



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. 692/2025

Vojenský výzkumný ústav, s. p.
with registered office Veslařská 337/230, Pisárky, 637 00 Brno
Company Registration No. 29372259

for the Testing Laboratory No. 1449
Test centre

Scope of accreditation:

Tests of climatic, corrosion and chemical resistance, mechanical properties of paint systems and products and metal, ceramic, textile and plastic materials, metallographic tests, determination of the concentration of highly toxic substances, determination of the protective effectiveness of fabrics and paint systems, tests of spectral characteristics and determination of colour coordinates and colour difference of camouflage materials, test of grenade and mine blast resistance 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.: 335/2025 of 02/07/2025, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **22/12/2027**

Prague: 22/12/2025



Signed in the Czech original:
Jan Velíšek on 22/12/2025

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. 692/2025 of 22/12/2025**

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

Vojenský výzkumný ústav, s.p.
CAB number 1449, Test centre
Veslařská 337/230, Pisárky, 637 00 Brno

Testing Laboratory locations:

- | | | |
|----|---|---|
| 1. | Climatic and Corrosion Resistance Testing Laboratory | Veslařská 337/230, Pisárky, 637 00 Brno |
| 2. | Material Testing Laboratory | Veslařská 337/230, Pisárky, 637 00 Brno |
| 3. | Detection and Protection Testing Laboratory | Rybkova 8, Pisárky, 602 00 Brno |
| 4. | Testing Laboratory of Camouflage Devices | Veslařská 337/230, Pisárky, 637 00 Brno |
| 5. | Ballistic and Blast Resistance Testing Laboratory | Veslařská 337/230, 637 00 Brno |

The laboratory provides opinions and interpretations of the test results.

Detailed information on activities within the scope of accreditation (source literature) is given in the section „Specification of the scope of accreditation“.

1. Climatic and Corrosion Resistance Testing Laboratory

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Determination of corrosion resistance or anti corrosion protection capacity in salt spray chamber by NSS method	MPSZ01-01, chap. 4.2.1 (ČSN EN ISO 9227 NSS; ISO 9227; DIN EN ISO 9227; NF EN ISO 9227; BS EN ISO 9227; ČSN EN ISO 7253; ČSN 34 5791-2-11; EN 60068-2-11; IEC 68-2-11; DIN IEC 68-2-11; BS 2011-2.1; ČSN EN 60068-2-52; ČSN EN 3027; ČOS 999905, method 309; IEC 60068-2-11 Test Ka; IEC 60068-2-52 Test Kb; EN 60068-2-52; ASTM B117; BS 3900-F4; ČSN EN 13523-8; FED-STD- 141; FED-STD-791 Meth. 4001.3; MIL STD-202 Meth. 101E; MIL STD-810 Meth. 509.4; MIL STD-810 Meth. 509.7)	Metallic materials, metallic and non-metallic inorganic coats, paints and paint systems, preserving agents, packaging materials, engineering, electric and electronic products.	-

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Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Tested subject	Degrees of freedom³
2	Determination of corrosion resistance or anti corrosion protection capacity in salt spray chamber by AASS method	MPSZ01-01, chap. 4.2.2 (ČSN EN ISO 9227; ASTM G85)	Metallic materials and metallic coatings	-
3	Determination of corrosion resistance or anti corrosion protection capacity in salt spray chamber by CASS method	MPSZ01-01, chap. 4.2.3 (ČSN EN ISO 9227; DIN EN ISO 9227; ASTM B368)	Metallic materials and metallic coatings	-
4	Determination of corrosion resistance or anti corrosion protection capacity in chamber with sulphur dioxide and common moisture condensation	MPSZ01-02 (ČSN EN ISO 3231:1998; ČSN EN ISO 22479; ČSN ISO 6988; ČSN IEC 68-2-49; DIN 50018; EN ISO 6988; ISO 6988; EN ISO 3231; ISO 3231; BS EN ISO 3231; DIN EN ISO 3231; NF EN ISO 3231; IEC 60068-2-42; IEC 60068-2-49, DIN IEC 68-2-49; BS 3900-F8; BS 5466-8; ASTM G 87-84)	Metallic materials, metallic and non-metallic inorganic coats, paints and paint systems, preserving agents, packaging materials, engineering, electric and electronic products	-
5	Determination of resistance to climate - effect of dry heat	MPSZ01-03/1 (ČSN EN 60068-2-2+A1)	Metallic materials, metallic and non-metallic inorganic coats, paints and paint systems, preserving agents, packaging materials, engineering, electric and electronic products	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
6	Determination of resistance to climate - effect of moisture condensation	MPSZ01-03/2 (BS 3900; ČSN EN ISO 6270-2; BS EN ISO 6270-2; DIN EN ISO 6270-2; EN ISO 6270-2; ISO 6270-2; NF EN ISO 6270-2; ČSN 03 8131; ČSN 038135; DIN 50017; MIL-STD-202 Meth. 104A; MIL-STD-810)	Metallic materials, metallic and non-metallic inorganic coats, paints and paint systems, preserving agents, packaging materials, engineering, electric and electronic products.	-
7	Determination of resistance to climate – effect of cold	MPSZ01-03/3 (ČSN EN 60068-2-1+A1; IEC 60068-2-1; DIN IEC 60068-2-1; NF EN 60068-2-1/A1; BS EN 60068-2-1)	Metallic materials, metallic and non-metallic inorganic coats, paints and paint systems, preserving agents, packaging electric and electronic products.	-
8	Determination of resistance to climate – effect of temperature variation	MPSZ01-03/4 (ČSN EN 60068-2-14; BS EN 60068-2-14; DIN EN 60068-2-14; EN 60068-2-14; IEC 60068-2-14; NF EN 60068-2-14; ČSN IEC 68-2-33; ČSN 67 3098)	Metallic materials, metallic and non-metallic inorganic coats, paints and paint systems, preserving agents, packaging materials, engineering, electric and electronic products.	-
9	Determination of resistance to climate – effect of - tests of military equipment resistance to climatic effects of the environment	MPSZ01-03/5 (ČOS 999905, Method 302; ČOS 999905, Method 303; ČOS 999905, Method 304; ČOS 999905, Method 306)	Metallic materials, metallic and non-metallic inorganic coats, paints and paint systems, preserving agents, packaging materials, engineering, electric and electronic products.	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
10	Determination of thickness	MPSZ01-04 (ČSN EN ISO 2808; BS EN ISO 2808; DIN EN ISO 2808; EN ISO 2808; ISO 2808; NF EN ISO 2808)	Paints and paint systems	-
11	Cross-cut test	MPSZ01-05 (ČSN EN ISO 2409; BS EN ISO 2409; DIN EN ISO 2409; EN ISO 2409; ISO 2409; NF EN ISO 2409)	Paints and paint systems	-
12	Pull-off test for adhesion	MPSZ01-06 (ČSN EN ISO 4624; BS EN ISO 4624; DIN EN ISO 4624; EN ISO 4624; ISO 4624; NF EN ISO 4624; ČSN EN ISO 16276-1; BS EN ISO 16276-1; DIN EN ISO 16276-1; EN ISO 16276-1; ISO 16276-1; NF EN ISO 16276-1)	Paints and paint systems	-
13	Falling-weight test, small-area indenter	MPSZ01-07 (ČSN EN ISO 6272-2; BS EN ISO 6272-2; DIN EN ISO 6272-2; EN ISO 6272-2; ISO 6272-2; NF EN ISO 6272-2)	Paints and paint systems	-
14	Falling-weight test, large-area indenter	MPSZ01-08 (ČSN EN ISO 6272-1; BS EN ISO 6272-1; DIN EN ISO 6272-1; EN ISO 6272-1; ISO 6272-1; NF EN ISO 6272-1; AEP-64, Method 5)	Paints and paint systems	-

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Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Tested subject	Degrees of freedom³
15	Bending over a cylindrical mandrel	MPSZ01-09 (ČSN EN ISO 1519; BS EN ISO 1519; DIN EN ISO 1519; EN ISO 1519; ISO 1519; NF EN ISO 1519)	Paints and paint systems	-
16	Exposure to laboratory light sources – xenon lamps	MPZS01-10 (ČSN EN ISO 16474-2, Method A; EN ISO 16474-2, Method A; ISO 16474-2, Method A; BS EN ISO 16474-2, Method A; NF EN ISO 16474-2, Method A; DIN EN ISO 16474-2, Method A)	Paints and paint systems	-
17	Chemical resistance	MPSZ01-11 (NATO AC/225 D14 Chemical resistance, AECTP 300 Meth. 314; ČOS 999905, Method 314)	Metallic and non-metallic materials, paints and paint systems	-

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

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2. Material Testing Laboratory

Tests:

Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Tested subject	Degrees of freedom³
1	Determination of mechanical properties by tensile strength test	MPSZ02-01 (ČSN EN ISO 6892-1)	Metallic materials	-
2	Determination of flexural strength	MPSZ02-02 (ČSN EN 843-1)	Ceramic materials, glass materials	-
3	Determination of impact energy by Charpy impact test	MPSZ02-03 (ČSN ISO 148-1)	Metallic materials	-
4	Determination of hardness by Vickers test	MPSZ02-04 (ČSN EN ISO 6507-1)	Metallic materials	-
5	Determination of hardness by Brinell test	MPSZ02-05 (ČSN EN ISO 6506-1)	Metallic materials	-
6	Determination of hardness by Rockwell test	MPSZ02-06 (ČSN EN ISO 6508-1)	Metallic materials	-
7	Determination of material grain size by metallographic analysis	MPSZ02-07 (ČSN EN ISO 643, excluding Annex E; ČSN EN ISO 2624; ASTM E 112)	Metallic materials	-
8	Metallographic determination of depth of decarburization	MPSZ02-08 (ČSN EN ISO 3887, cl. 4.2; ASTM E 1077)	Metallic materials	-
9	Determination of coating thickness	MPSZ02-09 (ČSN EN ISO 1463)	Metallic and non-metallic materials	-
10	Determination of mechanical properties on the basis of tensile test	MPSZ02-11 (ČSN EN ISO 13934-1; ČSN EN ISO 13937-2; ČSN EN ISO 1421; ČSN EN ISO 4674-1; ČSN EN ISO 9073-3)	Textile materials	-
11	Tensile test	MPSZ02-12 (ČSN EN ISO 527-1; ČSN EN ISO 527-2; ČSN EN 527-3; ČSN EN ISO 527-4; ČSN EN ISO 527-5)	Plastics	-

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Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Tested subject	Degrees of freedom³
12	Bend test	MPSZ02-13 (ČSN EN ISO 178; ČSN EN ISO 14125)	Plastics	-
13	Determination of hardness by Shore method	MPSZ02-14 (ČSN EN ISO 868; ČSN ISO 48-4)	Plastics	-

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)

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3. Detection and Protection Testing Laboratory

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Determination of concentration of highly toxic substances by GC/MS method and determination of functional characteristics of detectors of highly toxic substances from the measured values	MPSZ03-01	Detectors of highly toxic substances	-
2	Reserved			
3	Determination of breakthrough time of protective materials exposed to yperite in static conditions on indicator (microtest method)	MPSZ03-52	Rubber, film and textile materials	-
4-5	Reserved			
6	Determination of the resistance against penetration of chemical warfare agents into their structure	MPSZ03-55 (AEP-65)	Paint systems	-
7	Determination of resistance of samples of protective materials against penetration of liquid chemical warfare agents	MPSZ03-56 (AEP-38)	Rubber, film and textile materials	-

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Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
3	Florus, S., Otřísal, P.: Selected methods for studying the chemical resistance of insulating protective films against chemical warfare agents. Chem. Listy, 2014, 108,838-842. ISSN 1213-7103

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4. Testing Laboratory of Camouflage Devices

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Determination of spectral reflectance	MPSZ04-01 (ČOS 108018; ČOS 108019)	Camouflage materials and other materials for non-military use	-
2	Determination of spectral reflectance	MPSZ04-02 (ČOS 108003, 2nd Issue Revision 4:2012)	Camouflage materials and other materials for non-military use	-
3	Determination of colour coordinates and colour difference	MPSZ04-03 (ČOS 108018; ČOS 108019)	Camouflage materials and other materials for non-military use	-
4	Determination of colour coordinates and colour difference	MPSZ04-04 (ČOS 108003, 2nd Issue, Revision 4:2012)	Camouflage materials and other materials for non-military use	-

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)

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5. Ballistic and Blast Resistance Testing Laboratory

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1*	Test of grenade and mine blast resistance	MPSZ05-01 (ČOS 250002, 1. edition; STANAG 4569, Ed. 3; AEP-55, Vol. II, Ed. C)	Metallic, non-metallic, polymeric, and composite materials and assemblies	-

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

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Explanations:

AEP	– Allied Engineering Publication
NSS	– Neutral Salt Spray Test
EN	– European Standard
DIN	– Deutsche Industrie Norm
IEC	– International Electrotechnical Commission
NF	– Norme Française
BS	– British Standard
FED-STD	– Federal Standard
AASS	– Acetic Acid Salt Spray Test
CASS	– Cooper Accelerated Acetic Salt Spray Test
MPSZ	– Testing Laboratory Methodological Procedure
ASTM	– US Standard published by the American Society for Testing and Materials
MIL-STD	– Military Standard
GS/MS	– Gas Chromatography / Mass Spectrometry
STANAG	– NATO Standardization Agreement

"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."