



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olišanská 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. 552/2022

Vojenský technický ústav, s.p.
with registered office Mladoboleslavská 944, Kbely, 197 00 Praha 9,
Company Registration No. 24272523

to the Testing Laboratory No. **1128**
Testing Department – Testing Laboratory

Scope of accreditation:

Testing of weapons, ammunition, explosives, ballistic protective equipment and ammunition casings 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.: 209/2021 of 6. 4. 2021, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **28. 11. 2024**

Prague: 14. 11. 2022



Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute
Public Service Company



**The Appendix is an integral part of
Certificate of Accreditation No. 552/2022 of 14/11/2022**

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

Vojenský technický ústav, s.p.
Testing Department – Testing Laboratory
Dlouhá 300, 763 21 Slavičín

Tests:

| Ordinal number ¹ | Test procedure/ method name | Test procedure/ method identification ² | Test object |
|-----------------------------|--|---|---|
| 1* | Test of protection resistance to penetration | ČSN 39 5360, p. 5.2, 5.3 | Personal protective equipment |
| | | ČOS 130026 NIJ STANDARD-0101.06 | Personal protective equipment |
| | | ČOS 130027 STANAG 2920 | Personal protective equipment |
| | | SOP VTÚ/VTÚVM- 107-16/2014 (NIJ 0101.04) | Personal armoured vests |
| | | ČSN EN 1522 ČSN EN 1523 | Windows, doors, shutters and blinds |
| | | UIC 651 OR | Front windscreens of railway vehicles |
| | | ČSN EN 1063 ČSN EN 15152 p. 6.1 | Security glazing Front windscreens for train cabs |
| | | ČSN EN ISO 23125 (Annex A) | Machine guards |
| | | ČSN EN ISO 16090-1 (Annex. A) | Machine guards |
| | | ČOS 250001 (Protection level 1 – 4) STANAG 4569 (Protection level 1 – 4, NATO RESTRICTED) | Metallic, non-metallic and composite protection |
| | SOP VTÚ/VTÚVM-3243- 12/2022 (STANAG 4569. Ed. 3, AEP-55, Volume 1. Ed. C | Metallic, non-metallic and composite protection | |
| 2 | Test of protection resistance to stabbing | ČSN 39 5360 p. 5.4 | Personal protective equipment |
| 3 | Determination of basic characteristics | SOP VTÚ/VTÚVM-2440- 1/2019 (TP-VD-637-81: Method. No. 2) | Small arms and ammunition |



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| Ordinal number ¹ | Test procedure/ method name | Test procedure/ method identification ² | Test object |
|-----------------------------|--|---|---------------------------|
| 4 | Arm test by firing | SOP VTÚ/VTÚVM-2440-2/2019 (TP-VD-637-81: Guideline No. 8) | Small arms and ammunition |
| 5 | Measurement of the technical speed of fire – cadence | SOP VTÚ/VTÚVM-2440-3/2019 (TP-VD-637-81: Guideline No. 9) | Small arms and ammunition |
| 6* | Measurement of muzzle velocity of projectiles | SOP KRa/5/09/26 (TP-VD-637-81: Method No. 10) | Small arms and ammunition |
| 7* | Test of fire distribution and accuracy | SOP KRa/5/09/27 (TP-VD-637-81: Method No. 12) | Small arms and ammunition |
| 8 | Arm test by firing with degreased components | SOP VTÚ/VTÚVM-107-15/2014 (TP-VD-637-81: Method No. 14) | Small arms and ammunition |
| 9 | Arm test by firing under combined conditions | SOP VTÚ/VTÚVM-107-1/2016 (TP-VD-637-81: Guideline No. 16) | Small arms and ammunition |
| 10 | Arm test by firing at high temperature | SOP VTÚ/VTÚVM-2440-4/2019 (TP-VD-637-81: Method No. 17) | Small arms and ammunition |
| 11 | Arm test by firing at transient temperature | SOP VTÚ/VTÚVM-2440-5/2019 (TP-VD-637-81: Guideline No. 18) | Small arms and ammunition |
| 12 | Arm test by firing in rain and after rain | SOP VTÚ/VTÚVM-2440-6/2019 (TP-VD-637-81: Guideline No. 19) | Small arms and ammunition |
| 13 | Test of dry wiped arm by firing in dusty environment | SOP VTÚ/VTÚVM-107-2/2016 (TP-VD-637-81: Guideline No. 24) | Small arms and ammunition |



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| Ordinal number ¹ | Test procedure/ method name | Test procedure/ method identification ² | Test object |
|-----------------------------|--|--|----------------------------------|
| 14 | Arm test by firing without cleaning and greasing | SOP VTÚ/VTÚVM-2440-7-2019 (TP-VD-637-81: Guideline No. 25) | Small arms and ammunition |
| 15* | Arm test by firing a high number of shots | SOP VTÚ/VTÚVM-2440-8/2019 (TP-VD-637-81: Guideline No. 26) | Small arms and ammunition |
| 16 | Test of resistance and safety of the arm in the event. of fall | SOP VTÚ/VTÚVM-2440-9/2019 (TP-VD-637-81: Guideline No. 35) | Small arms and ammunition |
| 17 | Determination of arm safety at violation of rules of arms and ammunition use | SOP VTÚ/VTÚVM-2440-10/2019 (TP-VD-637-81: Guideline No. 38) | Small arms and ammunition |
| 18 | Fall test of packages | SOP VTÚ/VTÚVM-107-12/2014 (ADR, Chapter No. 6.1.5.3) | Barrels, containers, cases, bags |
| 19 | Stacking test of packages | SOP VTÚ/VTÚVM-107-13/2014 (ADR, Chapter No. 6.1.5.6) | Barrels, containers, cases |
| 20 | Tightness test of packages | SOP VTÚ/VTÚVM-107-14/2014 (ADR, Chapter No. 6.1.5.4) | Barrels, containers, cases |

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)

Explanatory notes:

SOP – Standard Operating Procedure of the Testing Department – Testing Laboratory

NIJ Standard – National Institute of Justice (USA)

STANAG – NATO Standards

ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road, applicable as from 1. 1. 2019

UIC – Union Internationale des Chemins de Fer (French Standard)

ČOS – Czech Defence Standard

PPF(NAAG-LG/3-SG/1)D(2004)1 – NATO Normative Document

