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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. 19/2022

Výzkumný ústav bezpečnosti práce, v.v.i.
with registered office Jeruzalémská 1283/9, 110 00 Praha 1, Company Registration No. 00025950

to the Testing Laboratory No. **1040**
Occupational Safety Research Institute - TL

Scope of accreditation:

Testing of Personal Protective Equipment 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.: 643/2020 of 27. 10. 2020, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **5. 1. 2027**

Prague: 5. 1. 2022



Lukáš Burda
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute
Public Service Company

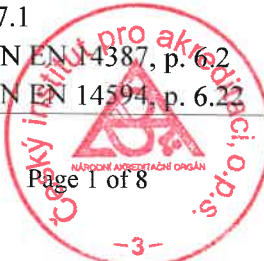


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Tests:

Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Tested object
1	Measurement of field of view	ČSN EN 136, p. 8.17 ČSN EN 12941, p. 7.4	Respiratory protective devices: Full face masks
2	Determination of face glass resistance	ČSN EN 136, p. 8.11 ČSN EN 12941, p. 7.5 ČSN EN 14594, p. 6.16	Respiratory protective devices: Full face masks, helmets and hoods
3	Determination of breathing resistance	ČSN EN 136, p. 8.15 ČSN EN 140, p. 7.12 ČSN EN 142, p. 7.12 ČSN EN 143:2001, p. 8.6; 8.8 ČSN EN 143, p. 7.5 ČSN EN 149+A1, p. 8.9 ČSN EN 405+A1, p. 8.9 ČSN EN 14387+A1:2008, p. 7.7 ČSN EN 14387, p. 6.5 ČSN EN 14594 p. 6.17 ČSN EN 1827+A1, p. 8.11 ČSN EN 12941, p. 7.6 ČSN EN 12942, p. 7.6 ČSN EN 13274-3, method 6 ČSN EN 1073-1+A1, p. 5.4	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, gas and combination filters, particle filters, filtering half masks, AX and SX filters, helmets and hoods, masks, powered half masks and quarter masks, breathing apparatuses, respiratory protective devices for escape, filtering half masks with valves and without valves, powered filtering devices
4	Determination of sorption capacity	ČSN EN 405+A1, p. 8.6 ČSN EN 1827+A1, p. 8.7 ČSN EN 12941, p. 7.12.3 ČSN EN 12942, p. 7.14.3 ČSN EN 14387+A1:2008, p. 7.8 ČSN EN 14387, p. 6.5	Respiratory protective devices: Gas and combination filters, AX and SX filters, gas and combination filtering half masks, filtering half masks with valves and without valves
5	Determination of weight	ČSN EN 143:2001, p. 8.1 ČSN EN 143, p. 7.3 ČSN EN 1827+A1, p. 8.3 ČSN EN 12941, p. 6.16 ČSN EN 12942, p. 6.16 ČSN EN 14387+A1:2008, p. 7.1 ČSN EN 14387, p. 6.2 ČSN EN 14594, p. 6.22	Respiratory protective devices: Gas and combination filters, particle filters, breathing apparatuses, AX and SX filters, powered filtering devices



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Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Tested object
6	Wear test	ČSN EN 136, p. 8.18 ČSN EN 140, p. 7.14 ČSN EN 142, p. 7.13 ČSN EN 149+A1, p. 8.4 ČSN EN 405+A1 p. 8.4 ČSN EN 1827+A1, p. 8.13 ČSN EN 13274-2 ČSN EN 12941, p. 7.16 ČSN EN 12942, p. 7.4 ČSN EN 1073-1+A1, p. 5.2	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, filtering half masks, gas and combination filtering half masks with valve, breathing apparatuses, powered filtering devices, breathing apparatuses
7	Test of fastening system	ČSN EN 136, p. 8.3; 8.8; 8.18 ČSN EN 140, p. 7.13; 7.14; 7.7 ČSN EN 142, p. 7.3, 7.6, 7.13 ČSN EN 149+A1, p. 8.4, 8.5	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, filtering half masks, breathing apparatuses, fresh air hose breathing apparatuses
8	Determination of supplied air volume	ČSN EN 12941, p. 7.7 ČSN EN 12942, p. 7.8 ČSN EN 14594, p. 6.20 ČSN EN 1073-1+A1, p. 5.3	Respiratory protective devices: Hoods, helmets, masks, powered half masks and quarter masks, fresh air hose breathing apparatuses
9	Test of resistance of supply hoses and fittings	ČSN EN 12941, p. 7.9; 7.10 ČSN EN 12942, p. 7.10; 7.11 ČSN EN 14594 p. 6.4, 6.5, 6.6	Respiratory protective devices: Fresh air hose breathing apparatuses, breathing apparatuses, hoods, helmets, powered filtering devices
10	Thermal resistance test (thermal conditioning)	ČSN EN 136, p. 8.2, 8.4 ČSN EN 140, p. 7.2, 7.4 ČSN EN 142 p. 7.4 ČSN EN 143:2001, p. 8.4 ČSN EN 143, p. 7.4.1 ČSN EN 149+A1, p. 8.3.2 ČSN EN 405+A1, p. 8.3.3 ČSN EN 1827+A1, p. 8.2.2 ČSN EN 12941, p. 7.1.2 ČSN EN 12942, p. 7.1.2 ČSN EN 13274-5	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, breathing apparatuses, gas and combination filters, particle filters, hoods, helmets, powered filtering devices

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Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Tested object
		ČSN EN 14387+A1:2008, p. 7.5 ČSN EN 14387, p. 6.4.1 ČSN EN 14594, p. 6.7.1 ČSN EN 1073-1+A1, p. 5.1.3	
11	Test of mechanical resistance	ČSN EN 143:2001, p. 8.3 ČSN EN 143, p.; 7.4.1 ČSN EN 149+A1, p. 8.3.3 ČSN EN 405+A1, p. 8.3.4 ČSN EN 1827+A1, p. 8.2.3 ČSN EN 12941, p. 7.11 ČSN EN 12942, p. 7.13 ČSN EN 14387+A1:2008, p. 7.4 ČSN EN 14387, p. 6.4.2	Respiratory protective devices: Gas and combination filters, particle filters, filtering half masks against particles, AX and SX filters, gas and combination filtering half masks with valve and without valve, breathing apparatuses, powered filtering devices, respiratory protective devices for escape
12	Test of breathing valves	ČSN EN 136, p. 8.3; 8.12; 8.15 ČSN EN 140, p. 7.3; 7.9; 7.12; 7.10 ČSN EN 142, p. 7.3; 7.8, 7.9, 7.10, 7.12, 7.13 ČSN EN 149+A1, p. 8.2, 8.3.4, 8.8 ČSN EN 405+A1, p. 8.10 ČSN EN 1827+A1, p. 8.6 ČSN EN 1073-1+A1, p. 5.6	Respiratory protective devices: Masks, half masks, quarter masks, mouthpieces, filtering half masks
13	Determination of resistance to penetration of chemicals	ČSN EN ISO 6530 ČSN EN ISO 6529:2002 ČSN EN ISO 374-1 ČSN EN 16523-1+A1	PPE: Protective clothing, materials, gloves
14	Determination of pH	ČSN EN 420+A1:2010, p. 4.3.2 ČSN EN ISO 21420, p. 4.2 c) ČSN EN ISO 4045 ČSN EN ISO 3071	PPE for hands: Gloves , leather
15	Determination of aerosol penetration	ČSN EN 143:2001, p. 8.7 ČSN EN 149+A1, p. 8.11 ČSN EN 1827+A1, p. 8.8 ČSN EN 12942, p. 7.14.1, 7.14.2	Respiratory protective devices: Filters, filtering half masks



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Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Tested object
		ČSN EN 12941, p. 7.12.1, 7.12.2 ČSN EN 14387+A1:2008, p. 7.9 ČSN EN 13274-7	
16	Leakage test	ČSN EN 136, p. 8.13 ČSN EN 142, p. 7.11 ČSN EN 14594, p. 6.2, 6.6, 6.23	Respiratory protective devices: Full face masks, breathing apparatuses, mouthpieces, respiratory protective devices for escape, fresh air hose breathing apparatuses
17	Leakage test	ČSN EN 136, p. 8.16 ČSN EN 140, p. 7.13 ČSN EN 149+A1, p. 8.5 ČSN EN 405+A1, p. 8.5 ČSN EN 1827+A1, p. 8.12 ČSN EN 12941, p. 7.3 ČSN EN 12942, p. 7.3 ČSN EN 14594, p. 6.14 ČSN EN 13274-1 ČSN EN ISO 13982-2 ČSN EN 1073-1+A1, p. 5.4	Respiratory protective devices: Full face masks, half masks and quarter masks, filtering half masks, hoods, helmets, powered filtering devices, protective clothing
18	Determination of concentration of carbon dioxide in inhaled air by non dispersive infrared spectrometry	ČSN EN 136, p. 8.14 ČSN EN 140, p. 7.11 ČSN EN 149+A1 p. 8.7 ČSN EN 405+A1, p. 8.8 ČSN EN 1827+A1, p. 8.10 ČSN EN 12941, p. 7.14 ČSN EN 12942, p. 7.5 ČSN EN 14594, p. 6.13 ČSN EN 13274-6 ČSN EN 1073-1+A1, p. 5.8	Respiratory protective devices: Full face masks, half masks and quarter masks, filtering half masks, breathing apparatuses, hoods, helmets, powered filtering devices
19	Determination of dust clogging	ČSN EN 143:2001, p. 8.6, 8.8 ČSN EN 12941, p. 7.8 ČSN EN 12942, p. 7.9, 7.12, 7.14 ČSN EN 149+A1, p. 8.10 ČSN EN 1827+A1, p. 8.10 ČSN EN 13274-8	Respiratory protective devices: Particle filters, gas and combination filters, AX and SX filters, filtering half masks, powered filtering devices

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Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Tested object
20	Use simulation test	ČSN EN 149+A1, p. 8.3.1 ČSN EN 1827+A1, p. 8.2.4	Respiratory protective devices: Particle filtering half masks
21	Test of alarm system	ČSN EN 12941, p. 7.2, 7.16 ČSN EN 14594 p. 6.15	Respiratory protective devices: Breathing apparatuses, powered filtering devices, fresh air hose breathing apparatuses
22	Interactive air flow test	ČSN EN 12942, p. 7.12	Respiratory protective devices: Powered filtering devices
23	Test of strength of joints	ČSN EN 136, p. 8.9, 8.10 ČSN EN 140, p. 7.10 ČSN EN 142, p. 7.7, 7.9 ČSN EN 149+A1, p. 8.8 ČSN EN 12941, p. 7.10 ČSN EN 12942, p. 7.11 ČSN EN 14594, p. 6.4, 6.6, 6.19 ČSN EN 1073-1+A1, p. 5.5	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, filtering half masks, breathing apparatuses, hoods, helmets, powered filtering devices
24	External assessment test	ČSN EN 136, p. 8.3 ČSN EN 140, p. 7, 3 ČSN EN 142, p. 7, 3 ČSN EN 143:2001, p. 8.2 ČSN EN 143, p. 7.3 ČSN EN 149+A1, p. 8.2 ČSN EN 405+A1, p. 8.2 ČSN EN 1827+A1, p. 8.3 ČSN EN 12941, p. 7.2 ČSN EN 12942, p. 7.2 ČSN EN 14387+A1:208, p. 7.3 ČSN EN 14387, p. 6.3 ČSN EN 14594, p. 6.2 ČSN EN 1073-1+A1, p. 5.1.2	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, filtering half masks, breathing apparatuses, powered filtering devices, respiratory protective devices for escape
25	Test of tensile strength and elongation at break	ČSN EN ISO 13934-1 ČSN EN ISO 13934-2 ČSN EN ISO 1421	PPE for body: Textiles



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Ordinal number ¹	Test procedure/ method name	Test procedure/ method identification ²	Tested object
26	Test of tear resistance	ČSN EN ISO 13937-2 ČSN EN ISO 9073-4	PPE for body: Textiles
27	Test of strength of seams	ČSN EN ISO 13935-1 ČSN EN ISO 13935-2	PPE for body: Textiles
28	Test of strength of non-woven textiles	ČSN EN 29073-3	PPE for body: Textiles
29	Determination of resistance to water penetration	ČSN EN ISO 811	PPE for hands and body: Textiles, gloves
30	Determination of resistance to surface wetting	ČSN EN ISO 4920	PPE for body: Textiles
31	Test of abrasion resistance	ČSN EN 530 ČSN EN 388+A1, p. 6.1; ČSN EN ISO 12947-1 ČSN EN ISO 12947-1 ČSN EN ISO 12947-2 ČSN EN ISO 12947-3 ČSN EN ISO 12947-4	PPE for hands, legs and body: Textiles, protective clothing, gloves except flexible textiles
32	Determination of adhesiveness at high temperatures	ČSN EN 25978	PPE for body: Coated fabrics
33	Test of strength of joints and size of openings, dimensions and fastening	ČSN EN 412:1995, except p. 4.5.2 ČSN EN ISO 13998, p. 5.8, 7.9.2	PPE for body: Protective clothing (except class 1)
34	Test of dimensional change in washing and drying	ČSN EN ISO 5077 ČSN EN ISO 3759 ČSN EN ISO 6330 ČSN 80 7040	PPE for body: Textiles
35	Measurement of hand and glove	ČSN EN 420+A1:2010, p. 6.1 ČSN EN ISO 21420, p. 6.1	PPE for hands: Gloves
36	Determination of gloved finger dexterity	ČSN EN 420+A1:2010, p. 6.2 ČSN EN ISO 21420, p. 6.2	PPE for hands: Gloves
37	Determination of tearing resistance	ČSN EN 388+A1, p. 6.4 ČSN EN 407 ed.2, p. 6.8	PPE for hands: Gloves
38	Determination of puncture resistance	ČSN EN 388+A1, p. 6.5 ČSN EN 863	PPE: Gloves, protective clothing
39	Air penetration test	ČSN EN ISO 374-2, p. 5.2	PPE for hands: Gloves
40	Water penetration test	ČSN EN ISO 374-2, p. 5.3	PPE for hands: Gloves



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41	Test of resistance to stabbing - penetration	ČSN EN 412:1995, p. 4.5.2 ČSN EN ISO 13998, p. 7.9.2	PPE for hands and body: Protective clothing, gloves
42	Bending resistance test	ČSN EN ISO 7854, method A, B	PPE for body: Textiles
43	Test of shock absorption	ČSN EN 1621-1 ČSN EN 1621-2 ČSN CEN/TS 15256 ČSN EN 13277, except part 6 ČSN EN 13158	PPE: Protective clothing and equipment against impact
44	Determination of electric resistance	ČSN EN ISO 20344, p. 5.10	PPE for legs: Safety, protective and working footwear
45	Test of surface and internal electric resistance	ČSN EN 145, p. 7, 9 ČSN EN 402, p. 7.5.7 ČSN EN 404, p. 7.6.6 ČSN EN 1146, p. 7.8 ČSN EN 1149-1 ČSN EN 1149-2 ČSN EN 1149-3 ČSN EN 12477, p. 5.10	PPE for body, hands and respiratory protective devices, materials for the manufacture of clothing, floors:
46	Test of fire resistance	ČSN EN 13274-4	PPE for body and respiratory protective devices
47	Test for limited flame spread	ČSN EN ISO 15025	PPE: Textiles
48	Determination of resistance to impact of small splashes of molten metal	ČSN EN 348 ČSN EN 407:2005, p. 6.7 ČSN EN 407 ed.2, p. 6.6 ISO 9150	PPE for hands and body: Protective clothing and gloves
49	Test of resistance to radiant heat	ČSN EN ISO 6942 ČSN EN 15090, p. 7.2 ČSN EN 407:2005, p. 6.6 ČSN EN 407 ed.2, p. 6.5 ČSN EN 136, p. 8.6	PPE: Protective clothing, gloves, respiratory protective devices, footwear
50	Test of burning behaviour (flame spread limitation)	ČSN EN 407:2005, p. 6.3 ČSN EN 407 ed.2, p. 6.4	PPE for hands: Protective gloves



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51	Test of resistance to contact heat	ČSN EN 702:1996 ČSN EN 407:2005, p. 6.4 ČSN EN 407 ed.2, p. 6.3 ČSN EN ISO 12127-1	PPE for hands and body: Protective clothing and gloves
52	Test of resistance to convection heat	ČSN EN 367:1995 ČSN EN 407:2005, p. 6.5 ČSN EN 407 ed.2, p. 6.4 ČSN EN ISO 9151	PPE for hands and body: Protective clothing and gloves
53	Test of flame resistance	ČSN EN 397+A1, p. 6.8 ČSN EN 15090, p. 7.3	PPE for head, footwear
54	Testing of electrical properties	ČSN EN 397+A1, p. 6.10	PPE for head
55	Determination resistance to cutting	ČSN EN 11393-3	PPE for legs: Safety, protective and working footwear
56	Determination of clothing resistance (trousers and jacket) to cutting	ČSN EN 11393-2 ČSN EN 11393-6	PPE for body: Protective clothing
57	Determination of resistance to blade cutting	ČSN EN 388+A1, p. 6.2;	PPE for hands: Protective gloves
58	Determination of helmet dimensions	ČSN EN 397+A1, p. 6.5	PPE for head: Industrial safety helmets
59	Impact resistance tests	ČSN EN 397+A1, p. 6.6	PPE for head: Industrial safety helmets
60	Test of resistance to sharp object impact	ČSN EN 397+A1, p. 6.7	PPE for head: Industrial safety helmets
61	Test of strength of chin strap	ČSN EN 397+A1, p. 6.9	PPE for head: Industrial safety helmets

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)

Explanations:

PPE = Personal Protective Equipment

CIE = Commission Internationale de L'Éclairage

ZP VÚBP = Test Specification of the Occupational Safety Research Institute

