

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

Výzkumný ústav bezpečnosti práce, v.v.i.
CAB number 1040, Occupational Safety Research Institute - TL
Jeruzalémská 1283/9, 110 00 Praha 1

Tests:

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

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6	Wear test	ČSN EN 136, art. 8.18; ČSN EN 140, art. 7.14; ČSN EN 142, art. 7.13; ČSN EN 149+A1, art. 8.4; ČSN EN 405+A1 art. 8.4; ČSN EN 1827+A1, art. 8.13; ČSN EN 13274-2; ČSN EN 12941, art. 7.16; ČSN EN 12942, art. 7.4; ČSN EN 1073-1+A1, art. 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, art. 8.3, 8.8, 8.18; ČSN EN 140, art. 7.13, 7.14, 7.7; ČSN EN 142, art. 7.3, 7.6, 7.13; ČSN EN 149+A1, art. 8.4;	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, filtering half masks, breathing apparatuses	-
8	Determination of supplied air volume	ČSN EN 12941, art. 7.7; ČSN EN 12942, art. 7.8; ČSN EN 14594, art. 6.20; ČSN EN 1073-1+A1, art. 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, art. 7.9; 7.10; ČSN EN 12942, art. 7.10; 7.11; ČSN EN 14594 art. 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, art. 8.2, 8.4; ČSN EN 140, art. 7.2, 7.4; ČSN EN 142 art. 7.4; ČSN EN 143:2001, art. 8.4; ČSN EN 143, art. 7.4.1; ČSN EN 149+A1, art. 8.3.2; ČSN EN 405+A1, art. 8.3.3; ČSN EN 1827+A1, art. 8.2.2; ČSN EN 12941, art. 7.1.2; ČSN EN 12942, art. 7.1.2; ČSN EN 13274-5; ČSN EN 14387+A1:2008, art. 7.5;	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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		ČSN EN 14387, art. 6.4.1; ČSN EN 14594, art. 6.7.1; ČSN EN 1073-1+A1, art. 5.1.3		
11	Test of mechanical resistance	ČSN EN 143:2001, art. 8.3; ČSN EN 143, art.; 7.4.2; ČSN EN 149+A1, art. 8.3.3; ČSN EN 405+A1, art. 8.3.4; ČSN EN 1827+A1, art. 8.2.3; ČSN EN 12941, art. 7.11; ČSN EN 12942, art. 7.13; ČSN EN 14387+A1:2008, art. 7.4; ČSN EN 14387, art. 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	-
12	Test of breathing valves	ČSN EN 136, art. 8.3, 8.12, 8.15; ČSN EN 140, art. 7.3, 7.9, 7.12; 7.10; ČSN EN 142, art. 7.3, 7.8, 7.9, 7.10, 7.12, 7.13; ČSN EN 149+A1, art. 8.2, 8.3.4, 8.8; ČSN EN 405+A1, art. 8.10 ; ČSN EN 1827+A1, art. 8.6; ČSN EN 1073-1+A1, art. 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 by potentiometry	ČSN EN 420+A1:2010, art. 4.3.2; ČSN EN ISO 21420, art. 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, art. 8.7; ČSN EN 143, art. 6.12; ČSN EN 149+A1, art. 8.11; ČSN EN 1827+A1, art. 8.8; ČSN EN 12942, art. 7.14.1, 7.14.2;	Respiratory protective devices: Filters, filtering half masks	-

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		ČSN EN 12941, art. 7.12.1, 7.12.2; ČSN EN 14387+A1:2008, art. 7.9; ČSN EN 13274-7		
16	Leakage test	ČSN EN 136, art. 8.13; ČSN EN 142, art. 7.11; ČSN EN 14594, art. 6.2, 6.6, 6.23	Respiratory protective devices: Full face masks, breathing apparatuses, mouthpieces, fresh air hose breathing apparatuses	-
17	Leakage test	ČSN EN 136, art. 8.16; ČSN EN 140, art. 7.13; ČSN EN 149+A1, art. 8.5; ČSN EN 405+A1, art. 8.5; ČSN EN 1827+A1, art. 8.12; ČSN EN 12941, art. 7.3; ČSN EN 12942, art. 7.3; ČSN EN 14594, art. 6.14; ČSN EN 13274-1; ČSN EN ISO 13982-2; ČSN EN 1073-1+A1, art. 5.4	Respiratory protective devices: Full face masks, half masks and quarter masks, filtering half masks, hoods, helmets, powered filtering devices, protective clothing, fresh air hose breathing apparatuses	-
18	Determination of concentration of carbon dioxide in inhaled air by non dispersive infrared spectrometry	ČSN EN 136, art. 8.14; ČSN EN 140, art. 7.11; ČSN EN 149+A1 art. 8.7; ČSN EN 405+A1, art. 8.8; ČSN EN 1827+A1, art. 8.10; ČSN EN 12941, art. 7.14; ČSN EN 12942, art. 7.5; ČSN EN 14594, art. 6.13; ČSN EN 13274-6; ČSN EN 1073-1+A1, art. 5.8	Respiratory protective devices: Full face masks, half masks and quarter masks, filtering half masks, fresh air hose breathing apparatuses, hoods, helmets, powered filtering devices	-
19	Determination of dust clogging	ČSN EN 143:2001, art. 8.6, 8.8; ČSN EN 12941, art. 7.8; ČSN EN 12942, art. 7.9, 7.12, 7.14; ČSN EN 149+A1, art. 8.10; ČSN EN 1827+A1, art. 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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20	Use simulation test	ČSN EN 149+A1, art. 8.3.1; ČSN EN 1827+A1, art. 8.2.4	Respiratory protective devices: Particle filtering half masks	-
21	Test of alarm system	ČSN EN 12941, art. 7.2, 7.16; ČSN EN 14594 art. 6.15	Respiratory protective devices: Breathing apparatuses, powered filtering devices, fresh air hose breathing apparatuses	-
22	Interactive air flow test	ČSN EN 12942, art. 7.12	Respiratory protective devices: Powered filtering devices	-
23	Test of strength of joints	ČSN EN 136, art. 8.9, 8.10; ČSN EN 140, art. 7.10; ČSN EN 142, art. 7.7, 7.9; ČSN EN 149+A1, art. 8.8; ČSN EN 12941, art. 7.10; ČSN EN 12942, art. 7.11; ČSN EN 14594, art. 6.4, 6.6, 6.19; ČSN EN 1073-1+A1, art. 5.5	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, filtering half masks, fresh air hose breathing apparatuses, hoods, helmets, powered filtering devices	-
24	External assessment test	ČSN EN 136, art. 8.3; ČSN EN 140, art. 7, 3; ČSN EN 142, art. 7, 3; ČSN EN 143:2001, art. 8.2; ČSN EN 143, art. 7.3; ČSN EN 149+A1, art. 8.2; ČSN EN 405+A1, art. 8.2; ČSN EN 1827+A1, art. 8.3; ČSN EN 12941, art. 7.2; ČSN EN 12942, art. 7.2; ČSN EN 14387+A1:2008, art. 7.3; ČSN EN 14387, art. 6.3; ČSN EN 14594, art. 6.2; ČSN EN 1073-1+A1, art. 5.1.2	Respiratory protective devices: Full face masks, half masks and quarter masks, mouthpieces, filtering half masks, breathing apparatuses, powered filtering devices	-
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	Subject of the test	Degrees of freedom ³
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, art. 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 art. 4.5.2; ČSN EN ISO 13998, art. 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, art. 6.1; ČSN EN ISO 21420, art. 6.1	PPE for hands: Gloves	-
36	Determination of gloved finger dexterity	ČSN EN 420+A1:2010, art. 6.2; ČSN EN ISO 21420, art. 6.2	PPE for hands: Gloves	-
37	Determination of tearing resistance	ČSN EN 388+A1, art. 6.4; ČSN EN 407 ed.2, art. 6.8	PPE for hands: Gloves	-
38	Determination of puncture resistance	ČSN EN 388+A1, art. 6.5; ČSN EN 863	PPE: Gloves, protective clothing	-
39	Air penetration test	ČSN EN ISO 374-2, art. 5.2	PPE for hands: Gloves	-
40	Water penetration test	ČSN EN ISO 374-2, art. 5.3	PPE for hands: Gloves	-

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41	Test of resistance to stabbing - penetration	ČSN EN 412:1995, art. 4.5.2; ČSN EN ISO 13998, art. 7.9.2	PPE for hands and body: Protective clothing, gloves	-
42	Bending resistance test	ČSN EN ISO 7854, art. 3, 4	PPE for body: Textiles	-
43	Test of shock absorption	ČSN EN 1621-1; ČSN EN 1621-2; ČSN CEN/TS 15256; ČSN EN 13277-1; ČSN EN 13277-2; ČSN EN 13277-3; ČSN EN 13277-4; ČSN EN 13277-5; ČSN EN 13277-7; ČSN EN 13277-8; ČSN EN 13158	PPE: Protective clothing and equipment against impact	-
44	Determination of electric resistance	ČSN EN ISO 20344, art. 5.13	PPE for legs: Safety, protective and working footwear	-
45	Test of surface and internal electric resistance	ČSN EN 1149-1; ČSN EN 1149-2; ČSN EN 1149-3; ČSN EN 12477, art. 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, art. 6.7; ČSN EN 407 ed.2, art. 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, art. 7.2; ČSN EN 407:2005, art. 6.6; ČSN EN 407 ed.2, art. 6.5; ČSN EN 136, art. 8.6	PPE: Protective clothing, gloves, respiratory protective devices, footwear	-
50	Test of burning behaviour (flame spread limitation)	ČSN EN 407:2005, art. 6.3; ČSN EN 407, art. 6.2	PPE for hands: Protective gloves	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Explanations:

PPE - Personal Protective Equipment
CIE - Commission Internationale de L'Éclairage
ZP VÚBP - Test Specification of the Occupational Safety Research Institute