

**The Appendix is an integral part of
Certificate of Accreditation No: 404/2023 of 27/07/2023**

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

Vojenský technický ústav, s.p.

CAB number 1103, Technology Testing Section - Testing Laboratory No. 1103
MTIGF Branch, Víta Nejedlého 691, 682 01 Vyškov

Testing laboratory locations:

- | | |
|---|-----------------------------------|
| 1. Vehicle Testing Laboratory | Víta Nejedlého 691, 682 01 Vyškov |
| 2. Diving Equipment Testing Laboratory | Víta Nejedlého 691, 682 01 Vyškov |
| 3. Special Measurement Laboratory | Víta Nejedlého 691, 682 01 Vyškov |
| 4. Electrical Safety Testing Laboratory | Víta Nejedlého 691, 682 01 Vyškov |
| 5. EMC Testing Laboratory | Víta Nejedlého 691, 682 01 Vyškov |
| 6. Special Systems and Fuel Testing Laboratory | Víta Nejedlého 691, 682 01 Vyškov |

The Laboratory applies a flexible approach to the scope of accreditation.

The current list of activities carried out within the flexible scope is publicly available at <https://www.vtusp.cz/zkusebnictvi/> in the form „List of activities within the flexible scope of accreditation“.

The laboratory provides opinions and interprets test results.

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

1. Vehicle Testing Laboratory

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of weight	J-4-720/11 (Commission Regulation EU 2021/535)	Road vehicles acc. to §2 of Act No. 56/2001 Coll.; Military vehicles acc. to §1 of MoD Regulation No. 100/2018 Coll.	-
2	Static stability test	J-4-720/10 (ČSN EN 1846-2+A1:2014, cl. 5.1.1.2)	Road vehicles acc. to §2 of Act No. 56/2001 Coll.; Military vehicles acc. to §1 of MoD Regulation No. 100/2018 Coll.	-

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

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2. Diving Equipment Testing Laboratory

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
1	Tests according to ATL methods			
1.1	Leakage test	J-4-820/02 (ČSN EN 14225-2, cl. 5.5.2)	Dry suit	D
1.2	Test of resistance to burning	J-4-820/04 (ČSN EN ISO 12402-9:2021, cl. 5.5.13)	Buoyancy aids and life jackets	D
1.3	Flammability test	J-4-820/07 (ČSN EN ISO 15027-3:2013, cl. 3.5)	Abandonment suits and immersion suits	D
2	Open-circuit self-contained compressed air diving apparatus			
2.1	Leakage test	ČSN EN 250, cl. 6.5.4	High pressure hose assemblies of diving suits	D
2.2	Leakage test	ČSN EN 250, cl. 6.5.5	Medium pressure hose assemblies of diving suits	D
2.3	Burst pressure test	ČSN EN 250, cl. 6.5.7	Medium pressure hose assemblies of diving suits	D
2.4	Test of tensile strength	ČSN EN 250, cl. 6.5.2	Medium and high pressure hose assemblies of diving suits	D
2.5	Flexibility test	ČSN EN 250, cl. 6.5.3	Medium and high pressure hose assemblies of diving suits	D
2.6	Kinking test	ČSN EN 250, cl. 6.5.8; ČSN EN 14593-1, cl. 6.11	Medium pressure hose assemblies of diving suits	D
2.7	Tensile load test of connections	ČSN EN 250, cl. 6.5.9	Breathing hoses of diving suits	D
2.8	Test of air flow through the valve per minute	ČSN EN 250, cl. 6.9	Diving apparatus	D
2.9	Practical performance test	ČSN EN 250, cl. 6.14	Diving apparatus	D
2.10	Function test	ČSN EN 250, cl. 6.6	Pressure relief system of open-circuit self-contained compressed air diving apparatus	D
2.11	Function test	ČSN EN 250, cl. 6.7	Demand regulator of open-circuit self-contained compressed air diving apparatus	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
2.12	Function test	ČSN EN 250, cl. 6.8	Exhalation valve of open-circuit self-contained compressed air diving apparatus	D
2.13	Tensile test	ČSN EN 250, cl. 6.10.1	Mouthpiece of open-circuit self-contained compressed air diving apparatus	D
2.14	Test of mechanical strength	ČSN EN 250, cl. 6.10.2.2	Connections of open-circuit self-contained compressed air diving apparatus	D
2.15	Test of resistance at specific temperatures	ČSN EN 250, cl. 6.12	Components of open-circuit self-contained compressed air diving apparatus	D
2.16	Test of resistance to sea water	ČSN EN 250, cl. 6.13	Components of open-circuit self-contained compressed air diving apparatus	D
02.17*	Practical performance test of the product carried out by test divers	ČSN EN 250, cl. 6.14	Open-circuit self-contained compressed air diving apparatus	D
3	Diving suits – Wet suits			
3.1	Test of resistance to high and low temperature	ČSN EN 14225-1, cl. 5.4.1.1	Diving suit (wet suit)	D
3.2	Test of resistance to sea water	ČSN EN 14225-1, cl. 5.4.1.2	Diving suit (wet suit)	D
3.3	Test of resistance to cleaning, disinfection and decontamination	ČSN EN 14225-1, cl. 5.4.1.3	Diving suit (wet suit)	D
3.4	Test of resistance to repeated pressurization in water	ČSN EN 14225-1, cl. 5.4.2	Diving suit (wet suit)	D
3.5	Test of tensile strength of thermal insulating material	ČSN EN 14225-1, cl. 5.4.4	Diving suit (wet suit)	D
3.6	Test of strength of seams	ČSN EN 14225-1, cl. 5.4.5	Diving suit (wet suit)	D
3.7	Practical performance test by test dive	ČSN EN 14225-1, cl. 5.5.5	Diving suit (wet suit)	D
3.8	Strength test	ČSN EN 14225-1, cl. 5.4.6	Closures of diving suits (wet suit)	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
3.9	Test of resistance to permanent deformation of thermal insulating material	ČSN EN 14225-1, cl. 5.4.7	Diving suit (wet suit)	D
4	Diving suits – dry suits			
4.1	Visual inspection	ČSN EN 14225-2, cl. 5.3	Diving suit (dry suit)	D
4.2	Test of resistance to cold and hot storage and inflation	ČSN EN 14225-2, cl. 5.4.2.1	Diving suit (dry suit)	D
4.3	Test of resistance to sea water	ČSN EN 14225-2, cl. 5.4.2.2	Diving suit (dry suit)	D
4.4	Test of resistance to cleaning, disinfection and decontamination	ČSN EN 14225-2, cl. 5.4.2.3	Diving suit (dry suit)	D
4.5	Tensile test of accessories	ČSN EN 14225-2, cl. 5.4.3.4	Diving suit (dry suit)	D
4.6	Testing of suit components	ČSN EN 14225-2, cl. 5.5	Diving suit (dry suit)	D
4.7*	Practical performance test in water by test divers	ČSN EN 14225-2, cl. 5.6	Diving suit (dry suit)	D
4.8	Cold donning test	ČSN EN 14225-2, cl. 5.6.7.2	Diving suit (dry suit)	D
4.9	Practical performance test by test dive	ČSN EN 14225-2, cl. 5.6.7.3	Diving suit (dry suit)	D
4.10	Practical performance test by deep dive	ČSN EN 14225-2, cl. 5.6.8	Diving suit (dry suit)	D
04.11	Test of fastening of retroreflective materials	ČSN EN 14225-2, cl. 5.7.5	Diving suit (dry suit)	D
04.12	Pull test of attachments	ČSN EN 14225-2, cl. 5.4.3.2	Diving suit (dry suit)	D
04.13	Strength test	ČSN EN 14225-2, cl. 5.4.3.3	Closures of diving suits (dry suit)	D
04.14	Strength test	ČSN EN 14225-2, cl. 5.4.3.5	Penetrators of diving suits (dry suit)	D
5	Diving suits – actively heated or cooled suit systems			
5.1	Leakage test	ČSN EN 14225-3, cl. 5.4.3	Actively heated or cooled suit systems	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
5.2	Test of resistance to cold and hot storage and inflation	ČSN EN 14225-3, cl. 5.4.2.1	Actively heated or cooled suit systems	D
5.3	Test of resistance to sea water	ČSN EN 14225-3, cl. 5.4.2.2	Actively heated or cooled suit systems	D
5.4	Test of resistance to cleaning, disinfection and decontamination	ČSN EN 14225-3, cl. 5.4.2.3	Actively heated or cooled suit systems	D
5.5	Functional test of an active system	ČSN EN 14225-3, cl. 5.4.4.1	Actively heated or cooled suit systems	D
5.6	Cold donning test	ČSN EN 14225-3, cl. 5.5.7.2	Actively heated or cooled suit systems	D
5.7	Practical performance test by test dive	ČSN EN 14225-3, cl. 5.5.7.3	Actively heated or cooled suit systems	D
5.8	Practical performance test by deep dive	ČSN EN 14225-3, cl. 5.5.7.4	Actively heated or cooled suit systems	D
5.9	Tensile test	ČSN EN 14225-3, cl. 5.4.4.2	Connections of actively cooled suits	D
5.10	Test of by warm water dive	ČSN EN 14225-3, cl. 5.5.7.6	Actively cooled suit	D
5.11	Visibility test	ČSN EN 14225-3, cl. 5.6.4	Actively cooled suit	D
6	Personal flotation devices - special			
6.1	Test of parameters of whistles	ČSN EN ISO 12402-8, cl. 5.2	Life jackets, personal flotation devices and accessories	D
6.2	Test of buoyancy and function	ČSN EN ISO 12402-8, cl. 5.7	Life jackets, personal flotation devices and accessories	D
6.3	Test of strength of buddy lines	ČSN EN ISO 12402-8, cl. 5.4	Life jackets, personal flotation devices and accessories	D
7	Personal flotation devices			
7.1	Test of magnetic properties	ČSN EN ISO 12402-9, cl. 5.4	Life jackets, personal flotation devices and accessories	D
7.2	Test by horizontal and vertical load	ČSN EN ISO 12402-9, cl. 5.5.4, 5.5.5, 5.5.6; ČSN EN 13138-1, Annex H	Life jacket, personal flotation devices and accessories, flotation aids for swimming lessons	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
7.3	Rotating shock bin test	ČSN EN ISO 12402-9, cl. 5.5.2	Life jackets, personal flotation devices and accessories	D
7.4	Temperature cycling	ČSN EN ISO 12402-9, cl. 5.5.3	Life jackets, personal flotation devices and accessories	D
7.5	Buoyancy test	ČSN EN ISO 12402-9, cl. 5.5.10; ČSN EN 13138-1, cl. 5.3	Life jacket, personal flotation devices and accessories, flotation aids for swimming lessons	D
7.6*	Practical test carried out by testing personnel	ČSN EN ISO 12402-9, cl. 5.6	Life jackets, personal flotation devices and accessories	D
7.7*	Test of height above the water level	ČSN EN ISO 12402-9, cl. 5.6.5	Life jackets, personal flotation devices and accessories	D
7.8*	Boarding test	ČSN EN ISO 12402-9, cl. 5.6.7	Life jackets, personal flotation devices and accessories	D
7.9*	Donning test	ČSN EN ISO 12402-9, cl. 5.6.2	Life jackets, personal flotation devices and accessories	D
7.10*	Water entry test	ČSN EN ISO 12402-9, cl. 5.6.3	Life jackets, personal flotation devices and accessories	D
7.11*	Test of self erection and stability	ČSN EN ISO 12402-9, cl. 5.6.4	Life jackets, personal flotation devices and accessories	D
7.12*	Practical performance test – ergonomics	ČSN EN ISO 12402-9, cl. 5.6.1.7; ČSN EN 13138-1, cl. 5.4	Life jacket, personal flotation devices and accessories, flotation aids for swimming lessons	D
7.13*	Practical performance test - evaluation of obstacles	ČSN EN ISO 12402-9, cl. 5.6.1.7.2	Life jackets, personal flotation devices and accessories	D
7.14*	Test of stability in water	ČSN EN ISO 12402-9, cl. 5.6.6	Life jackets, personal flotation devices and accessories	D
7.15	Test of resistance to overpressure	ČSN EN ISO 12402-9, cl. 5.5.14	Life jackets, personal flotation devices and accessories	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
7.16	Test of collar handles	ČSN EN ISO 12402-9, cl. 5.5.7	Life jackets, personal flotation devices and accessories	D
7.17	Body strap hardware secureness test	ČSN EN ISO 12402-9, cl. 5.5.8; ČSN EN 13138-1, Annex C	Life jacket, personal flotation devices and accessories, flotation aids for swimming lessons	D
7.18	Inflation test	ČSN EN ISO 12402-9, cl. 5.5.9	Life jackets, personal flotation devices and accessories	D
7.19	Uninflated buoyancy test	ČSN EN ISO 12402-9, cl. 5.5.11	Life jackets, personal flotation devices and accessories	D
7.20	Buoyancy test for inherently buoyant material	ČSN EN ISO 12402-9, cl. 5.5.12; ČSN EN 13138-1, cl. 5.3, 5.5.5.3, 5.6.3, Annex B	Life jacket, personal flotation devices and accessories, flotation aids for swimming lessons	D
7.22	Strength test of attachment points	ČSN EN ISO 12402-9, cl. 5.5.15	Life jackets, personal flotation devices and accessories	D
8	Respiratory equipment - Open-circuit umbilical supplied compressed gas diving apparatus			
8.1	Pressure test of high and medium pressure parts	ČSN EN 15333-1, cl. 6.3	Equipment with a lung demand valve	D
8.2	Test of tensile force of high and medium pressure hoses	ČSN EN 15333-1, cl. 6.4.2	Equipment with a lung demand valve	D
8.3	Flexibility test of high and medium pressure hoses	ČSN EN 15333-1, cl. 6.4.3	Equipment with a lung demand valve	D
8.4	Kinking test	ČSN EN 15333-1, cl. 6.4.4	Equipment with a lung demand valve	D
8.5	Leak test of high and medium pressure hoses	ČSN EN 15333-1, cl. 6.4.5	Equipment with a lung demand valve	D
8.6	Umbilical buoyancy test	ČSN EN 15333-1, cl. 6.4.6	Equipment with a lung demand valve	D
8.7	Umbilical life line tensile test	ČSN EN 15333-1, cl. 6.4.7	Equipment with a lung demand valve	D
8.8	Exhalation valve function test	ČSN EN 15333-1, cl. 6.5.7	Equipment with a lung demand valve	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
8.9	Test of mechanical strength of the connections between the facepiece and the connector	ČSN EN 15333-1, cl. 6.7.1	Equipment with a lung demand valve	D
8.10	Test of full face mask harness	ČSN EN 15333-1, cl. 6.7.2	Equipment with a lung demand valve	D
8.11	Test of lens impact resistance	ČSN EN 15333-1, cl. 6.7.3	Equipment with a lung demand valve	D
8.12	Lifting harness test (tensile force)	ČSN EN 15333-1, cl. 6.8	Equipment with a lung demand valve	D
8.13	Test of resistance to sea water	ČSN EN 15333-1, cl. 6.9	Equipment with a lung demand valve	D
8.14	Determination of resistance to temperature	ČSN EN 15333-1, cl. 6.10	Equipment with a lung demand valve	D
8.15	Cold water testing	ČSN EN 15333-1, cl. 6.10.3	Equipment with a lung demand valve	D
8.16	Test of resistance to cleaning and disinfection	ČSN EN 15333-1, cl. 6.11	Equipment with a lung demand valve	D
8.17	Practical performance test	ČSN EN 15333-1, cl. 6.13	Equipment with a lung demand valve	D
8.18	Pressure vessel valve function test	ČSN EN 15333-1, cl. 6.14	Equipment with a lung demand valve	D
8.19	Mouthpiece tensile test	ČSN EN 15333-1, cl. 6.15	Equipment with a lung demand valve	D
8.20	Leak tightness test of casings and monitors underwater	ČSN EN 15333-1, cl. 6.16	Equipment with a lung demand valve	D
9	Diving accessories			
9.1	Wearing and environmental resistance tests	ČSN EN 1809+A1, cl. 5.3	Buoyancy compensators for divers	D
9.2	Hydrostatic pressure test	ČSN EN 1809+A1, cl. 5.4	Buoyancy compensators for divers	D
9.3	Buoyancy test	ČSN EN 1809+A1, cl. 5.5	Buoyancy compensators for divers	D
9.4	Function test	ČSN EN 1809+A1, cl. 5.6	Inflators of buoyancy compensators for divers	D
9.5	Function test	ČSN EN 1809+A1, cl. 5.7	Deflation device of buoyancy compensators for divers	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
9.6*	Impact test	ČSN EN 1809+A1, cl. 5.13.2	Buoyancy compensators for divers	D
9.7	Function test	ČSN EN 1809+A1, cl. 5.8	Pressure relief valve of buoyancy compensators for divers	D
9.8	Drainage test	ČSN EN 1809+A1, cl. 5.9	Buoyancy compensators for divers	D
9.9	Function test	ČSN EN 1809+A1, cl. 5.10	Oral inflation device of buoyancy compensators for divers	D
9.10	Practical performance test	ČSN EN 1809+A1, cl. 5.13	Buoyancy compensators for divers	D
09.11.03	Function test	ČSN EN 1809+A1, cl. 5.11	Auxiliary inflation devices of buoyancy compensators for divers	D
09.12.02	Flow capacity test	ČSN EN 1809+A1, cl. 5.12	Medium pressure hose and connector of buoyancy compensators for divers	D
10	Immersion suits			
10.1	Flammability test	ČSN EN ISO 15027-3, cl. 3.5	Immersion suits	D
10.2	Rotating shock bin test	ČSN EN ISO 15027-3, cl. 3.6	Immersion suits	D
10.3	Donning test	ČSN EN ISO 15027-3, cl. 3.10.2.1	Immersion suits	D
10.4	Walk test	ČSN EN ISO 15027-3, cl. 3.10.3	Immersion suits	D
10.5	Climbing test	ČSN EN ISO 15027-3, cl. 3.10.4	Immersion suits	D
10.6	Agility test	ČSN EN ISO 15027-3, cl. 3.10.5	Immersion suits	D
10.7*	Jump test	ČSN EN ISO 15027-3, cl. 3.10.6.1	Immersion suits	D
10.8*	Donning test in the water	ČSN EN ISO 15027-3, cl. 3.10.6.2	Immersion suits	D
10.9*	Test of turning in the water	ČSN EN ISO 15027-3, cl. 3.10.6.3	Immersion suits	D
10.10	Visibility test	ČSN EN ISO 15027-3, cl. 3.10.6.4	Immersion suits	D
10.11*	Test of swimming and boarding	ČSN EN ISO 15027-3, cl. 3.10.6.6	Immersion suits	D
10.12*	Leakage measurement	ČSN EN ISO 15027-3, cl. 3.7	Immersion suits	D

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11	Diving accessories			
11.1	Test of lens impact resistance	ČSN EN 16805, cl. 4.3.1	Diving masks	D
11.2	Break pattern test	ČSN EN 16805, cl. 4.3.2	Diving masks	D
11.3	Test of resistance to slipping	ČSN EN 16805, cl. 4.4.1	Diving masks	D
11.4	Test of permanent linear deformation	ČSN EN 16805, cl. 4.4.2	Diving masks	D
11.5	Lens water tightness test	ČSN EN 16805, cl. 4.5	Diving masks	D
11.6*	Practical test	ČSN EN 16805, cl. 4.6	Diving masks	D
12	Diving accessories			
12.1	Measurement of dimensions	ČSN EN 1972, cl. 4.2	Snorkels	D
12.2	Resistance to air flow test	ČSN EN 1972, cl. 4.3	Snorkels	D
12.3	Joint strength test	ČSN EN 1972, cl. 4.4	Snorkels	D
12.4*	Practical test	ČSN EN 1972, cl. 4.5	Snorkels	D
13	Diving accessories			
13.1	Test of resistance to slipping	ČSN EN 16804, cl. 4.2.1	Diving open heel fins	D
13.2	Test of resistance to detachment	ČSN EN 16804, cl. 4.2.2	Diving open heel fins	D
13.3	Measurement of dimensions and permanent linear deformation	ČSN EN 16804, cl. 4.2.3	Diving open heel fins	D
13.4*	Practical test	ČSN EN 16804, cl. 4.3	Diving open heel fins	D
14	Life-saving appliances of ships			
14.1	Temperature cycling	MSC81(70), cl. 2.1, 3.3	Life jackets	D
14.2	Buoyancy test	MSC81(70), cl. 2.2	Life jackets	D
14.3	Flammability resistance	MSC81(70), cl. 2.3	Life jackets	D
14.4	Strength test	MSC81(70), cl. 2.5	Life jackets	D
14.5	Buoyancy material test	MSC81(70), cl. 2.6	Life jackets	D
14.6	Donning test	MSC81(70), cl. 2.7, 3.3.6, 3.3.7, 3.3.8	Life jackets	D
14.7	Righting test	MSC81(70) cl. 2.8.5	Life jackets	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
14.8	Static balance test	MSC81(70), cl. 2.8.6	Life jackets	D
14.9	Jump test	MSC81(70), cl. 2.8.8	Life jackets	D
14.10	Stability test	MSC81(70), cl. 2.8.10	Life jackets	D
14.11	Swimming and water emergency test	MSC81(70), cl. 2.8.11	Life jackets	D
14.12	Donning test	MSC81(70), cl. 3.1.3, 3.1.4	Marine immersion suits and anti-exposure suits	D
14.13	Ergonomic test	MSC81(70), cl. 3.1.5	Marine immersion suits and anti-exposure suits	D
14.14	Buoyancy test	MSC81(70), cl. 3.1.7	Marine immersion suits and anti-exposure suits	D
14.15	Righting test	MSC81(70)1998, cl. 3.1.8	Marine immersion suits and anti-exposure suits	D
14.16	Test of water penetration into the suit	MSC81(70), cl. 3.1.9, 3.1.10	Marine immersion suits and anti-exposure suits	D
14.17	Leakage test	MSC81(70), cl. 3.1.11	Marine immersion suits and anti-exposure suits	D
14.18	Swimming and water emergency test	MSC81(70), cl. 3.1.12	Marine immersion suits and anti-exposure suits	D
14.19	Diesel resistance test	MSC81(70), cl. 3.1.13, 3.1.14.2, 10.4.6	Marine immersion suits and anti-exposure suits	D
14.20	Test of resistance to burning	MSC81(70), cl. 3.1.15, 10.4.8	Marine immersion suits and anti-exposure suits	D
14.21	Temperature cycling	MSC81(70), cl. 3.1.16	Marine immersion suits and anti-exposure suits	D
14.22	Buoyancy test	MSC81(70), cl. 3.1.17	Marine immersion suits and anti-exposure suits	D
14.23	Strength test	MSC81(70), cl. 3.1.18	Marine immersion suits and anti-exposure suits	D
14.24	Thermal protection test	MSC81(70), cl. 3.2	Marine immersion suits and anti-exposure suits	D
14.25	Temperature cycling	MSC81(70), cl. 10.1	Position-indicating lights for lifeboats and rescue boats	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
14.26	Temperature cycling	MSC81(70), cl. 10.2	Position-indicating lights for lifebuoys	D
14.27	Temperature cycling	MSC81(70), cl. 10.3	Position-indicating lights for life jackets	D
14.28	Vibration test	MSC81(70), cl. 10.4.1	Position-indicating lights for life-saving appliances	D
14.29	Rain test and watertightness test	MSC81(70), cl. 10.4.7	Position-indicating lights for life-saving appliances	D

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 degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

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3. Special Measurement Laboratory

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
1	Static strength test	ČSN EN 358, cl. 5.6; ČSN EN 364, cl. 5.1.4, 5.2.2, 5.3.2, 5.5.6, 5.6.4, 5.9.4, 5.9.5, 5.9.6; ČSN EN 361, cl. 5.1; ČSN EN 362, cl. 5.2, 5.3, 5.4; ČSN EN 813, cl. 5.5; ČSN EN 354, cl. 5.7; ČSN EN 355, cl. 5.1, 5.3; ČSN EN 795, cl. 5.3.4, 5.4.4, 5.5.4, 5.6.4, 5.7.4	Personal protective equipment for prevention of falls from heights	-
2	Dynamic strength tests (dynamic performance)	ČSN EN 358, cl. 5.7; ČSN EN 364, cl. 5.1.2, 5.2.4, 5.3.4, 5.4.2, 5.5.2, 5.5.4, 5.6.2, 5.9.2; ČSN EN 361, cl. 5.2; ČSN EN 813, cl. 5.4; ČSN EN 354, cl. 5.8; ČSN EN 355, cl. 5.2; ČSN EN 795, cl. 5.3.3, 5.4.3, 5.5.3, 5.6.3, 5.7.2	Personal protective equipment for prevention of falls from heights	-
3	Test of mechanical resistance to sine vibrations	ČSN EN 60068-2-6; MIL-STD-810	Equipment, instruments, assemblies	-
4	Test of mechanical resistance to random vibrations	ČSN EN 60068-2-64; ČSN EN 61373; ČSN EN 50125-3, cl. 4.13; MIL-STD-810	Equipment, instruments, assemblies	-
5	Test of mechanical resistance to shock	ČSN EN 60068-2-27; ČSN EN 61373; ČSN EN 50125-3, cl. 4.13; MIL-STD-810	Equipment, instruments, assemblies	-
6*	Measurement of physical quantities – force, distance, acceleration, pressure	VTÚ/VTÚPV-203-4/2013-7	Vehicles, structures, assembly groups	-

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
7	Seismic qualification	ČSN EN IEC/IEEE 60980-344, cl. 6.4, 9; ČSN EN IEC 60068-3-3, cl. 5.20; ČSN EN 60068-2-6; IEEE Std. 382, cl. 15, cl. 16, Annex B; IEEE Std. 693, Annex A, Q; GOST 17516.1-90, Annex 6	Electrical equipment of the safety system for nuclear power plants, instruments, equipment, assemblies, valves	-

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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

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4. Electrical Safety Testing Laboratory

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1*	Continuous run check	J-4-740/03 (ČSN ISO 8528-1:2011, cl. 13.3.1)	Generating sets	D
2*	Check of fuel consumption (at specified output)	J-4-740/11 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D
3*	Measurement of steady state voltage and frequency	J-4-740/02 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011; ČSN EN 88528-11:2005, cl. 11.1)	Generating sets	D
4*	Test of voltage unbalance	J-4-740/04 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011; ČSN EN 88528-11:2005, cl. 11.1)	Generating sets	D
5*	Test of voltage setting range	J-4-740/05 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D
6*	Test of frequency setting range	J-4-740/06 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D
7*	Measurement of steady-state frequency range	J-4-740/07 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D
8*	Measurement of transient voltage and frequency	J-4-740/08 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011; ČSN EN 88528-11:2005, cl. 11.1)	Generating sets	D
9*	Asynchronous motor starting control	J-4-740/15 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D
10*	Short-circuit protection test	J-4-740/09 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D
11*	Measurement of amplitude modulation of voltage waveform	J-4-740/10 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D

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Ordinal number ¹	Test procedure/method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
12*	Measurement of power distribution during parallel operation	J-4-740/12 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D
13*	Check of functionality during start-up	J-4-740/13 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011)	Generating sets	D
14*	THF voltage waveform harmonic content measurement	J-4-740/14 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011; ČSN EN 88528-11:2005, cl. 11.1)	Generating sets	D
15*	THD voltage waveform harmonic content measurement	J-4-740/24 (ČSN ISO 8528-5:2020; ČSN ISO 8528-6:2011; ČSN EN 88528-11:2005, cl. 11.1)	Generating sets	D
16*	Test of degree of protection	ČSN EN 60529, cl. 12.2, 12.3, 13.2, 13.3, 14.2.3 to 14.3; ČSN EN IEC 60598-1, cl. 9.2 (excl. 9.2.1, 9.2.2, 9.2.3, 9.2.4, 9.2.5, 9.2.10, 9.2.11); ČSN EN 61010-1, cl. 11.6, 11.6.4; ČSN EN 62208, cl. 9.8.1 (excl. P5X and IP6X), 9.8.2, 9.8.3; ČSN EN 60335-1, cl. 6.2, 15.1; ČSN EN 60335-2-102, cl. 6.2, 15.1	Electrical equipment enclosures	D
17	Test of degree of protection	ČSN EN 60529, cl. 13.4 to 13.6 (IP5X and IP6X), cat. 1 and 2; ČSN EN IEC 60598-1, cl. 9.2.1, 9.2.2, 9.2.4, 9.2.5; ČSN EN 61010-1, cl. 11.6, 11.6.3; ČSN EN 62208, cl. 9.8.1 (IP5X and IP6X)	Electrical equipment enclosures	D

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Ordinal number ¹	Test procedure/method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
18*	Electrical safety test	ČSN EN 60335-1, cl. 7, 8, 10, 11 (excl. 11. 4), 13, 15, 16, 19, 20.1, 21 (excl. 21.2), 22 (excl. 22.16, 22.32, 22.46), 23, 25, 27.1, 27.2, 27.3, 27.5, 27.6, 28, 29; ČSN EN 60335-2-102, cl. 11, 16, 19, 22 (excl. 22.16, 22.32, 22.46, 22.103), 29	Household and similar electrical appliances, their parts, components and accessories	D
19*	Electrical safety test	ČSN EN 61010-1, cl. 4 to 11 (excl. 7.3, 11.7), 14 (excl. 14.2, 14.3, 14.6 to 14.8) 15 (excl. 15.3), Annex A to D, I, K	Electrical measuring, control and laboratory devices, their parts and accessories	D
20*	Electrical safety test	ČSN EN IEC 61439-1, cl. 5 to 10 (excl. 8.1.2, 8.1.3, 8.1.4, 9.3, 9.4, 10.2.2, 10.2.3.1, 10.2.4, 10.5.3, 10.6.2, 10.11, 10.12), 11; ČSN EN IEC 61439-2, cl. 5 to 10 (excl. 8.1.2, 8.1.3, 8.1.4, 9.3, 9.4, 10.2.2, 10.2.3.1, 10.2.4, 10.5.3, 10.6.2, 10.10.4.101, 10.10.4.102, 10.11, 10.12), 11; ČSN EN 61439-3, cl. 5 to 10 (excl. 8.1.2, 8.1.3, 8.1.4, 9.3, 9.4, 10.2.2, 10.2.3.1, 10.2.4, 10.5.3, 10.6.2, 10.11, 10.12), 11; ČSN EN 61439-4, cl. 5 to 10 (excl. 8.1.2, 8.1.3, 8.1.4, 9.3, 9.4, 10.2.2, 10.2.3.1, 10.2.4, 10.2.6.3, 10.5.3, 10.6.2, 10.11, 10.12), 11; ČSN EN 61439-5, cl. 5 to 10 (excl. 8.1.2, 8.1.3, 8.1.4, 9.3, 9.4, 10.2.2, 10.2.3.1, 10.2.4, 10.2.101, 10.2.3.102, 10.5.3, 10.6.2, 10.11, 10.12), 11	Low-voltage switchgear, its parts, components and accessories	D
21*	Electrical safety test	ČSN EN IEC 60598-1, cl. 2 to 4, 5.2, 7.2.3, 8, 10.2.1, 10.2.2, 10.3, 11.2, 12.4, 12.5, 13.2	Luminaries, their parts, components and accessories	D

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Ordinal number ¹	Test procedure/method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
22*	Electrical safety test	ČSN EN IEC 61558-1, cl. 8, 9 (excl. 9.3), 14 to 16, 18.2, 18.3, 18.5, 19, 22 to 24, 26	Transformers, power supplies, reactors and similar products	D
23	Ball indentation test	ČSN EN 60695-10-2, cl. 8, 9	Plastic materials	D
24*	Electrical safety test	ČSN EN IEC 62368-1+A11, cl. 4 (excl. 4.1.8, 4.4.3.6, 4.4.3.7, 4.4.3.10, 4.4.4, 4.5, 4.8.3, 4.8.4.6, 4.10.2), 5 (excl. 5.2.2.3 to 5.2.2.7, 5.4.1.5.2 to 5.4.1.7, 5.4.1.10.2, 5.4.2.5 to 5.4.2.6, 5.4.4.3 to 5.4.4.7, 5.4.4.9, 5.4.5, 5.4.6 to 5.4.8, 5.4.12, 5.5.3 to 5.5.9), 6 (excl. 6.4.8.3.3, 6.4.9, 6.5 to 6.6), 8 (excl. 8.5.1, 8.5.4, 8.5.5, 8.7 to 8.12), 9 (excl. 9.6), Annex A, B, F, G (excl. G.1 to G.5.3.2, G.5.3.4 to G.16.3), I, K (excl. K.2 to K.7.4), L, M (excl. M.3 to M.10), O, P (excl. P.3 to P.4.2), Q (excl. Q.2), T (excl. T.9 to T.11), V, W	Audio/video, information and communication technology equipment, parts and accessories	D
25*	Electrical safety test	ČSN EN 61347-1, cl. 7, 9 to 12, 14.2 to 14.5, 15, 16, Annex L.8; ČSN EN 61347-2-13, cl. 11, 12	Lamp controlgear	D
26*	Electrical safety test	ČSN EN 60255-27, cl. 5.2, 7.3, 7.11, 9.1.10, 9.1.11, 10.6.3, 10.6.4.2, 10.6.4.3, 10.6.4.4, 10.6.4.5.1, 10.6.5.1, 10.6.5.5	Measuring relays and protective equipment, parts, components and materials	D
27*	Electrical safety test	ČSN EN IEC 61851-1, cl. 12.3, 12.5, 12.6, 12.7.1, 12.7.2, 16; ČSN EN 61851-22, cl. 8 to 14 (excl. 11.1, 11.2.3, 11.3); ČSN EN 61851-23, cl. 11 (excl. 11.2), 101 (excl. 101.1.4, 101.1.5, 101.2)	Charging stations for electric vehicles, their parts and accessories	D
28*	Electrical safety test	ČSN EN 62208, cl. 4, 6, 7, 9 (excl. 9.4, 9.6, 9.9, 9.12, 9.13, 9.14)	Empty enclosures for low-voltage switchgear and controlgear assemblies	D

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Ordinal number ¹	Test procedure/method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
29*	Electrical safety test	ČSN EN 60730-1, cl. 7 to 21 (excl. 7.4.1, 9.4, 10.2.4.3, 11.1.2, 11.3.5.2, 11.4, 11.7.1, 11.7.2.11, 11.7.2.12, 12.1.6, 12.2, 15 to 17, 18.5.2, 18.7, 18.8, 20.1.7, 21.2.7), Annex B, E, G (excl. G.4)	Automatic electric control equipment, their parts, components and accessories	D
30*	Electrical safety test	ČSN EN 60204-1, cl. 6.2, 18.2.2, 18.3, 18.4, 18.5	Electric devices of machines, their parts, components and accessories	D
31*	Electrical safety test	ČSN EN 61869-1, cl. 7.2.2, 7.2.3.2, 7.2.3.3, 7.3.1, 7.3.4	Instrument transformers, their parts, components and accessories	D
32*	Electrical safety test	ČSN EN 50155, cl. 13.4.7; ČSN EN 50124-1, cl. 7, Annex A to D	Railway equipment, their parts, components and accessories	D
33*	Mechanical impact resistance test (IK code)	ČSN EN 62262+A1, cl. 6, (tests for IK 02 to IK 11)	Electrical equipment enclosures	D
34	Glow-wire test	ČSN EN IEC 60695-2-10, cl. 5 to 7; ČSN EN IEC 60695-2-11, cl. 6 to 10; ČSN EN IEC 60695-2-12, cl. 6 to 10; ČSN EN IEC 60695-2-13, cl. 6 to 10	Plastic parts of electric equipment	D

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³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

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5. EMC Testing Laboratory

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
1*	Measurement of conducted disturbances, Voltage disturbances	ČSN EN IEC 55016-1-1; ČSN EN 55016-1-2; ČSN EN 55016-2-1; ČSN EN 55011, cl. 6.2.1, 6.3.1 (excl. DC power supply); ČSN EN 55032, Annex A8.1, A8.2, A8.4; ČSN EN 61000-6-3 ed. 2:2007, tab. 2, 3, 4; ČSN EN IEC 61000-6-3, cl. 11, tab. 4, 5, 6 (excl. tab. 5, item 5.2); ČSN EN 61000-6-4 ed. 2:2007, tab. 2, 3; ČSN EN IEC 61000-6-4, tab. 4, 5, A.1; FCC15 section 15.107, 15.207	Electrical and electronic apparatus and equipment	D
2*	Measurement of conducted disturbances, Voltage disturbances	MIL-STD-461E, met. CE102; MIL-STD-461F, met. CE102; MIL-STD-461G, met. CE102; ČOS 599902, met. CE102	Military technology	D
3*	Measurement of conducted disturbances, Disturbing currents	ČSN EN IEC 55016-1-1; ČSN EN 55016-1-2; ČSN EN 55016-2-1; ČSN EN 55032, Annex A8.3; ČSN EN 61000-6-3 ed. 2:2007, tab. 4; ČSN EN IEC 61000-6-3, cl. 11, tab. 6; ČSN EN IEC 61000-6-4, tab. 5	Electrical and electronic apparatus and equipment	D
4*	Measurement of conducted disturbances, Disturbing currents	MIL-STD-461E, met. CE101; MIL-STD-461F, met. CE101; MIL-STD-461G, met. CE101; ČOS 599902, met. CE101	Military technology	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
5*	Measurement of power disturbance, Effective radiated power	ČSN EN IEC 55016-1-1; ČSN EN 55016-1-2; ČSN EN 55016-1-3; ČSN EN IEC 55016-1-4; ČSN EN 55016-2-2; ČSN EN 55016-2-3; ČSN EN 55014-1 ed. 4:2017, cl. 5.3.3	Electrical and electronic apparatus and equipment	D
6*	Measurement of radiated disturbances, intensity of electromagnetic field – E-component	ČSN EN IEC 55016-1-1; ČSN EN IEC 55016-1-4; ČSN EN 55016-2-3; ČSN EN 55011, cl. 6.2.2, 6.3.2; ČSN EN 55032, tab. A.2 (excl. A2.3, A2.4); ČSN EN 61000-4-21, cl. 6.2; ČSN EN 61000-4-22; ČSN EN 61000-6-3 ed. 2:2007, tab. 1, item 1.1 and 1.4; ČSN EN IEC 61000-6-3, cl. 11, tab. 3, items 3.1 and 3.4; FCC15 section 15.109, 15.209 from 30 MHz; ČSN EN 61000-6-4 ed. 2:2007, tab. 1, item 1.1 and 1.4; ČSN EN IEC 61000-6-4, tab. 3	Electrical and electronic apparatus and equipment	D
7*	Measurement of radiated disturbances, intensity of electromagnetic field – E-component	MIL-STD-461E, met. RE102; MIL-STD-461F, met. RE102; MIL-STD-461G, met. RE102; ČOS 599902, met. RE102	Military technology	D
8*	Calibration of test stands for the calibration of antennas	ČSN EN 55016-1-5	Test stand	D
9*	Measurement of radiated disturbances, intensity of electromagnetic field – H-component	ČSN EN 55015 ed. 4:2014; ČSN EN IEC 55015; ČSN EN IEC 55016-1-1; ČSN EN IEC 55016-1-4; ČSN EN 55016-1-5; ČSN EN 55016-2-3; ČSN EN 55011, tab. 10, 16, 17	Electrical and electronic apparatus and equipment	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
10*	Measurement of radiated disturbances, intensity of electromagnetic field – H-component	MIL-STD-461E, met. RE101; MIL-STD-461F, met. RE101; MIL-STD-461G, met. RE101; ČOS 599902, met. RE101	Military technology	D
11*	Measurement of harmonic current emissions	ČSN EN 61000-3-2 ed. 4:2015; ČSN EN IEC 61000-3-2; ČSN EN 61000-3-12	Electrical and electronic apparatus and equipment	D
12*	Measurement of disturbance (voltage fluctuations) in distribution networks caused by household and similar electrical appliances	ČSN EN 61000-3-3; ČSN EN 61000-3-11:2001; ČSN EN IEC 61000-3-11; ČSN EN 61000-4-13; ČSN EN 61000-4-14; ČSN EN 61000-4-15; ČSN EN 61000-4-16; ČSN EN 61000-4-17	Electrical and electronic apparatus and equipment	D
13*	Measurement of shielding efficiency, attenuation of shielding materials and attenuation characteristics	IEEE Std 299; ČSN EN 61000-5-7	Shielding materials, shielding cages, Faraday cages	D
14*	Measurement of shielding efficiency, attenuation of shielding materials and attenuation characteristics	ČSN EN 50147-1	Anechoic rooms	D
15*	Measurement of shielding efficiency, attenuation of shielding materials and attenuation characteristics	ČSN EN 50289-1-6; ČSN EN 62153-4-2	Cables and connectors	D
16*	Measurement of shielding efficiency, attenuation of shielding materials and attenuation characteristics	ČSN EN 61587-3	Enclosures and frames	D
17*	Measurement of shielding efficiency, attenuation of shielding materials and attenuation characteristics	ČSN EN 60939-2, cl. 4.7; MIL-STD-220B; ČSN EN 55017	Passive filters	D
18*	Immunity test - electrostatic discharge	ČSN EN 61000-4-2; ČSN EN 61000-6-1 ed. 2:2007; ČSN EN IEC 61000-6-1; ČSN EN 61000-6-2 ed. 3:2006; ČSN EN IEC 61000-6-2; ISO 10605	Electrical and electronic apparatus and equipment	D

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19*	Immunity test - electrostatic discharge	AECTP 500 ed. 4:2011, test 508; ČOS 051627, met. NCS12; MIL-STD-461G, met. CS118; MIL-STD-331C, Test F1; MIL-STD-331D, Test F1.1	Military technology	D
20*	Test of immunity to radio frequency electromagnetic field	ČSN EN IEC 61000-4-3; ČSN EN 55016-2-4; ČSN EN 61000-6-1 ed. 2:2007; ČSN EN IEC 61000-6-1; ČSN EN 61000-4-21; ČSN EN 61000-4-22; ČSN EN 61000-6-2 ed. 3:2006; ČSN EN IEC 61000-6-2; ISO 11452-11	Electrical and electronic apparatus and equipment	D
21*	Test of immunity to radio frequency electromagnetic field	MIL-STD-461E, met. RS103; MIL-STD-461F, met. RS103; MIL-STD-461G, met. RS103; ČOS 599902, met. RS103	Military technology	D
22*	Test of immunity to fast transients/bursts	ČSN EN 61000-4-4; ČSN EN 61000-6-1 ed. 2:2007; ČSN EN IEC 61000-6-1; ČSN EN 61000-6-2 ed. 3:2006; ČSN EN IEC 61000-6-2	Electrical and electronic apparatus and equipment	D
23*	Test of immunity to fast transients/bursts	MIL-STD-461E, met. CS115; MIL-STD-461F, met. CS115; MIL-STD-461G, met. CS115; ČOS 599902, met. CS 115	Military technology	D
24*	EM immunity tests to surge	ČSN EN 61000-4-5; ČSN EN 61000-6-1 ed. 2:2007; ČSN EN IEC 61000-6-1; ČSN EN 61000-6-2 ed. 3:2006; ČSN EN IEC 61000-6-2	Electrical and electronic apparatus and equipment	D

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25*	Testing of immunity to conducted disturbances, induced by radio-frequency fields	ČSN EN 61000-4-6; ČSN EN 55016-2-4; ČSN EN 61000-6-1 ed. 2:2007; ČSN EN IEC 61000-6-1; ČSN EN 61000-6-2 ed. 3:2006; ČSN EN IEC 61000-6-2	Electrical and electronic apparatus and equipment	D
26*	Testing of immunity to conducted disturbances, induced by radio-frequency fields	MIL-STD-461F, met. CS 101; MIL-STD-461G, met. CS 101; ČOS 599902, met. CS101	Military technology	D
27*	Power frequency magnetic field immunity test	ČSN EN 61000-4-8; ČSN EN 61000-6-1 ed. 2:2007; ČSN EN IEC 61000-6-1; ČSN EN 61000-6-2 ed. 3:2006; ČSN EN IEC 61000-6-2	Electrical and electronic apparatus and equipment	D
28*	Pulse magnetic field immunity test	ČSN EN 61000-4-9	Electrical and electronic apparatus and equipment	D
29*	Damped oscillatory magnetic field immunity test	ČSN EN 61000-4-10	Electrical and electronic apparatus and equipment	D
30*	Test of immunity to voltage dips, short interruptions and voltage variations	ČSN EN 61000-4-11; ČSN EN 61000-6-1 ed. 2:2007; ČSN EN IEC 61000-6-1; ČSN EN 61000-6-2 ed. 3:2006; ČSN EN IEC 61000-6-2	Electrical and electronic apparatus and equipment	D
31*	Test of immunity to damped sine wave to damped oscillation wave	ČSN EN 61000-4-12; ČSN EN IEC 61000-4-18; ČSN EN 61000-6-2 ed. 3:2006; ČSN EN IEC 61000-6-2	Electrical and electronic apparatus and equipment	D
32*	Test of immunity to damped sine wave to damped oscillation wave	MIL-STD-461F, met. CS116; MIL-STD-461G, met. CS116; ČOS 599902, met. CS116	Military technology	D

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33	Emission and immunity testing in transverse electromagnetic (TEM) waveguides	ČSN EN 61000-4-20 ed. 2:2011; ČSN EN 61000-4-21; ČSN EN 61967-1; ČSN EN 61967-2; ČSN EN 61967-4:2003; ČSN EN 61967-5; ČSN EN 61967-6; ČSN EN 62132-1; ČSN EN 62132-4; ČSN EN 62132-5	Electrical and electronic devices	D
34	Input voltage unbalance immunity test	ČSN EN 61000-4-27	Electrical and electronic apparatus and equipment	D
35	Power frequency variation immunity test	ČSN EN 61000-4-28	Electrical and electronic apparatus and equipment	D
36	Test of immunity to nuclear electromagnetic pulse (NEMP)	MIL-STD-461E, met. RS105; MIL-STD-461F, met. RS105; MIL-STD-461G, met. RS105; ČOS 599902, met. RS105; ČSN EN 61000-2-9; ČSN EN 61000-2-10; ČSN EN 61000-4-23; ČSN EN 61000-4-24; ČSN EN 61000-4-25; ČSN EN 61000-5-5; IEC TR 61000-1-3; IEC TR 61000-1-5; IEC TR 61000-12-13; IEC 61000-4-33	Military and selected non-military equipment	D
37	Test of immunity to voltage dips, short interruptions and voltage variations on d.c. input power ports	ČSN EN 61000-4-29	Electrical and electronic apparatus and equipment	D
38*	Measurement of hf disturbance	ČSN EN 61000-4-30	Electrical and electronic apparatus and equipment	D
39*	Measurement of hf disturbance excl. DC power supply	ČSN EN 55011	Industrial, scientific and medical radio-frequency equipment, rotary machines	D
40*	EMC Tests	ČSN EN 55012; ČSN EN 55025 ed. 3:2018	Vehicles, boats and combustion engines	D

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41*	EMC Tests	ECE No. 10.04:2008, Annex 9:2011; ECE No. 10.05:2008, Annex 9:2014; ECE No. 10.06:2019, Annex 9:2014, excl. REESS charging mode 3 and 4; Directive 2004/104/EC; Directive 72/245/EEC	Wheeled vehicles, electrical subassemblies (ESA)	D
42*	EMC Tests	ČSN EN 15194, cl. 4.2.15, Annex C	Bicycles with auxiliary electric drive	D
43*	EMC Tests	RTCA DO 160E; RTCA DO 160F; RTCA DO 160G	on-board, aircraft equipment	D
44*	EMC Tests	ČSN EN 50498	Electronic devices for retrofitting in vehicles	D
45*	EMC Tests	ISO 7637-1; ISO 7637-2; ISO 7637-3; ISO 11451-1; ISO 11451-2; ISO 11451-3; ISO 11451-4; ISO 11452-1; ISO 11452-2; ISO 11452-3; ISO 11452-4; ISO 11452-5; ISO 11452-7; ISO 11452-8; ISO 16750-2; ISO 21848; ISO 10605; ČSN 30 4011	Road vehicles and their components	D
46*	EMC Tests	ISO 11783-2; ČSN EN ISO 14982; ČSN ISO 13766; ČSN EN ISO 13766-1; ČSN EN ISO 13766-2	Tractors and machinery for agriculture and forestry, machines for earthworks and construction works	D
47*	EMC Tests	MIL-STD-1275 E	Military vehicles	D

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48*	Measurement of hf disturbance	ČSN EN 55014-1 ed. 4:2017	Equipment with electric drive, thermoprocessing equipment for household and similar uses, electric tools, household appliances, rotary machines	D
49*	EM immunity tests	ČSN EN 55014-2 ed. 2:2017	Household appliances, electric tools and similar apparatus	D
50*	Measurement of hf disturbance	ČSN EN IEC 55015	Electrical lighting and similar equipment	D
51*	EMC Tests	ČSN EN 50293, cl. 7, 8	Road traffic signalling systems	D
52*	EMC Tests	ČSN EN 50490, cl. 4.8.7, 7.6; ČSN EN 50512, cl. 4.2.3, 5.1.2	Lighting and beaconing equipment of aerodromes	D
53*	EM immunity tests	ČSN EN 61547	Lighting equipment	D
54*	Measurement of hf disturbance	ČSN EN 55032	Multimedia equipment, information technology equipment, sound and television broadcast receivers and associated equipment, including cable and distribution networks and their parts	D
55*	EM immunity tests	ČSN EN 55035	Multimedia equipment, information technology equipment, sound and television broadcast receivers and associated equipment, including cable and distribution networks and their parts	D

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56*	Measurement of hf disturbance	MIL-STD-461E, met. RE 101, RE 102, CE 101, CE 102; MIL-STD-461F, met. RE 101, RE 102, CE 101, CE 102; MIL-STD-461G, met. RE 101, RE 102, CE 101, CE 102; ČOS 599902, met. RE 101, RE 102, CE 101, CE 102; ČOS 051627	Military equipment, subsystems and systems	D
57*	EMC Tests	GOST P 50746; GOST 32137	Nuclear power plant equipment	D
58*	EM immunity tests	MIL-STD-461E, met. RS101, RS103 do 18 GHz, RS105, CS101, CS114, CS115, CS116; MIL-STD-461F, met. RS101, RS103 do 18 GHz, RS105, CS101, CS114, CS115, CS116; MIL-STD-461G, met. RS101, RS103 do 18 GHz, RS105, CS101, CS114, CS115, CS116, CS118; ČOS 599902, met. RS101, RS103 do 18 GHz, RS105, CS101, CS114, CS115, CS116, CS118; ČOS 051627	Military technology subsystems and systems	D
59*	EM immunity tests	ČSN EN 61000-6-5	Nuclear power plant equipment	D
60	Testing of radio transmission parameters	ČSN ETSI EN 300 220-1 V3.1.1; ČSN ETSI EN 300 220-2 V3.2.1	Short range devices	D
61	Testing of radio transmission parameters	ČSN ETSI EN 300 330 V2.1.1	Short range devices - inductive loop systems	D
62	EMC Tests	ČSN EN 300 339 V1.1.1	Radiocommunication equipment	D
63	EMC Tests	ČSN ETSI EN 301 489-1 V2.2.3	Radio equipment	D
64	EMC Tests	ČSN ETSI EN301 489-3 V2.1.1	Short range devices	D
65	EMC Tests	ČSN ETSI EN 301 489-4 V3.2.1	Fixed radio links	D
66	EMC Tests	ČSN ETSI EN 301 489-5 V2.1.1	TETRA	D

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67	EMC Tests	ČSN ETSI EN 301 489-6 V2.1.1	DECT	D
68	EMC Tests	ČSN ETSI EN 301 489-9 V2.1.1	Wireless microphones	D
69	EMC Tests	ČSN ETSI EN 301 489-12 V3.1.0	4 GHz to 30 GHz satellite stations	D
70	EMC Tests	ČSN ETSI EN 301 489-15 V2.1.1	Commercially available amateur radio equipment	D
71	EMC Tests	ČSN ETSI EN 301 489-17 V3.1.1	Broadband data transmission systems	D
72	EMC Tests	ČSN ETSI EN 301 489-23 V1.5.1	Base stations (BS) for CDMA	D
73	EMC Tests	ČSN ETSI EN 301 489-24 V1.5.1	Mobile and portable (UE) radio and associated CDMA equipment	D
74	EMC Tests	ČSN ETSI EN 301 489-29 V2.1.1	Medical data services (MEDS) operating in the bands 401 MHz to 402 MHz and 405 MHz to 406 MHz	D
75	EMC Tests	ČSN ETSI EN 301 489-33 V2.1.1	Ultra wide band communication equipment (UWB)	D
76	EMC Tests	ČSN ETSI EN 301 489-34 V2.1.1	External power supply (EPS) for mobile phones	D
77	EMC Tests	ČSN ETSI EN 301 489-35 V2.1.1	Low power active medical implants (LP-AMI)	D
78	EMC Tests	ČSN ETSI EN 301 489-50 V2.1.1	Cellular communication base station (BS), repeater and ancillary	D
79	EMC Tests	ČSN ETSI EN 302 500-1 V2.1.1; ČSN ETSI EN 302 500-2 V2.1.1	Position tracking equipment using UWB operating in the frequency range 6 GHz to 9 GHz	D
80	EMC Tests	ČSN ETSI EN 300 386 V2.1.1	Telecommunication network equipment	D
81	EMC Tests	ČSN EN 298 ed. 2:2012, cl. 8;	Appliances burning	D

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		ČSN EN 12405-1, cl. 8.6; ČSN EN 13611, cl. 9	gaseous or liquid fuels, Automatic burner control systems	
82	EMC Tests	ČSN EN 60335-1, cl. 19.11.4; ČSN EN 60335-2-102, cl. 19.11.4	Household electrical appliances - appliances burning gaseous, petroleum and solid fuels	D
83*	EMC Tests	ČSN EN 617+A1, cl. 5.3, 6.2	Bulk material storage equipment	D
84*	EMC Tests	ČSN EN 618+A1, cl. 5.3, 6.2, 8	Bulk material handling equipment	D
85*	EMC Tests	ČSN EN 619+A1, cl. 5.3, 6.2, 8	Mechanical handling equipment	D
86*	EMC Tests	ČSN EN 620+A1, cl. 5.4, 6.2, 6.2.2	Fixed belt conveyors	D
87*	Measurement of hf disturbance	ČSN EN 12015	Escalators and moving walks	D
88*	EM immunity tests	ČSN EN 12016	Escalators and moving walks	D
89*	EMC Tests	ČSN EN 12895+A1	Industrial trucks	D
90*	EMC Tests	ČSN EN 13241+A2, cl. 4.3.5	Gates	D
91*	EMC Tests	ČSN EN 16361+A1, cl. 4.13	Motor-operated doors	D
92*	EMC Tests	ČSN EN 14010+A1, cl. 5.2.5.1, 6.2.1	Equipment for power driven parking of motor vehicles	D
93*	EMC Tests	ČSN EN 50065-1, cl. 7; ČSN EN 50065-2-1; ČSN EN 50065-2-2; ČSN EN 50065-2-3	Signalling in low voltage installations	D
94	EMC Tests	ČSN EN 50083-2; ČSN EN 50083-8	Cable networks for TV and sound signals	D
95*	EMC Tests	ČSN EN 834, cl. 6.5.13	Allocators with electrical energy supply	D
96*	EM immunity tests	ČSN EN 50412-2-1	Electronic equipment communicating through LV distribution	D

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97*	EMC Tests	ČSN EN 50428, cl. 26	Home and building switches	D
98*	EMC Tests	ČSN EN 50491-5-1; ČSN EN 50491-5-2; ČSN EN 50491-5-3	Home and building electronic systems	D
99*	EMC Tests	ČSN EN 62040-2:2006; ČSN EN IEC 62040-2	Uninterruptible power supplies UPS, rotary power supplies	D
100*	EMC Tests	ČSN EN 50121-1	- Railway vehicles	D
101*	Measurement of hf disturbance	ČSN EN 50121-2	Railway systems	D
102*	EMC Tests	ČSN EN 50121-3-1; ČSN EN 50215, cl. 9.15, 9.16	Train and overall vehicle	D
103*	EMC Tests	ČSN EN 50121-3-2; ČSN EN 50155, cl. 13.4.3, 13.4.9	Rolling stock equipment	D
104*	EMC Tests	ČSN EN 50121-4	Signalling and telecommunications apparatus	D
105*	EMC Tests	ČSN EN 50121-5	Fixed power supply installations and apparatus	D
106*	EMC Tests	ČSN EN 50130-4; ČSN EN 50131-1; ČSN EN 50131-2-2 ed. 2:2018, cl. 6.9, 6.10; ČSN EN 50131-2-3:2009, cl. 6.8, 6.9; ČSN EN 50131-2-4:2008, cl. 6.8, 6.9; ČSN EN 50131-2-5, cl. 6.9, 6.10; ČSN EN 50131-2-6, cl. 6.7, 6.8; ČSN EN 50131-4, cl. 5.4; ČSN EN 50131-5-3, cl. 4.5, 5.5; ČSN EN 50134-3, cl. 5.7; ČSN EN 60839-11-1, cl. 7, 8.10	Alarm systems	D
107	EMC Tests	ČSN EN 50148, cl. 11	Taxameters	D
108	EMC Tests	ČSN EN 50550, cl. 9.10; ČSN EN 60255-1, tab. 11, line 4; ČSN EN 60255-26, cl. 5 and 6	Measuring relays and protection equipment	D

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109	EMC Tests	ČSN EN 50270	Gas detectors	D
110*	EMC Tests	ČSN EN 62026-2, cl. 8.2, 8.6; ČSN EN 62026-3, cl. 8.9, 9.2; ČSN EN 62026-7, cl. 8.7, 9.2.8	Low voltage switchgear and controlgear	D
111*	EMC Tests	ČSN EN 50370-1; ČSN EN 50370-2	Machine tools and forming machines	D
112*	EMC Tests	ČSN EN 60204-31, cl. 4.4.2, Annex AA	Sewing machines, units and systems	D
113*	EMC Tests	ČSN EN 61000-5-7; ČSN EN 61439-1 ed. 2:2012, cl. 9.4, 10.12; ČSN EN IEC 61439-1, cl. 9.4, 10.12	Low-voltage switchgear	D
114*	EMC Tests	ČSN EN 60601-1, cl. 17; ČSN EN 60601-1-2, cl. 7 and 8; ČSN EN 60601-2-24, cl. 201.17, 202; ČSN EN 60601-2-29, cl. 201.17	Medical equipment	D
115*	EMC Tests	ČSN EN 60669-2-1 ed. 3:2005, cl. 26; ČSN EN 60669-2-2, cl. 26; ČSN EN 60669-2-3, cl. 26; ČSN EN 60669-2-5, cl. 26	Electronic switches	D
116*	EMC Tests	ČSN EN 60730-1 ed. 3:2012, cl. 23, 26 ČSN EN 60730-1, cl. 23, 26 Annex H	Automatic electrical controls for household	D
117*	EMC Tests	ČSN EN 60730-2-5, cl. 23, 26, Annex H	Electric burner automation	D
118*	EMC Tests	ČSN EN 60730-2-6, cl. 23, 26, Annex H	Electric control devices for pressure sensing	D
119*	EMC Tests	ČSN EN 60730-2-7 ed. 2:2011, cl. 23, 26, Annex H	Time relays and time switches	D
120*	EMC Tests	ČSN EN 60730-2-8 ed. 2:2002, cl. 23, 26, Annex H	Electrically operated water valves	D
121*	EMC Tests	ČSN EN 60730-2-9 ed. 3:2011, cl. 23, 26, Annex H; ČSN EN IEC 60730-2-9, cl. 23, 26, Annex H	Control devices for temperature sensing	D
122*	EMC Tests	ČSN EN 60730-2-11 ed. 2:2008, cl. 23, 26, Annex H	Power regulators	D

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123*	EMC Tests	ČSN EN 60730-2-12 ed. 2:2006, cl. 23, 26, Annex H; ČSN EN IEC 60730-2-12, cl. 23, 26, Annex H	Electrically controlled door locks	D
124*	EMC Tests	ČSN EN 60730-2-13 ed. 2:2008, cl. 23, 26, Annex H; ČSN EN IEC 60730-2-13, cl. 23, 26, Annex H	Control devices for humidity sensing	D
125*	EMC Tests	ČSN EN 60730-2-14:1999, cl. 23, 26, Annex H; ČSN EN IEC 60730-2-14, cl. 23, 26, Annex H	Electrical controls	D
126*	EMC Tests	ČSN EN 60730-2-15 ed. 2:2011, cl. 23, 26, Annex H	Control devices for sensing air flow, water flow, water level	D
127*	EMC Tests	ČSN EN 60870-2-1, cl. 5	Remote control equipment	D
128*	EMC Tests	ČSN EN 60945, cl. 9, 10	Maritime navigation and radiocommunication systems	D
129*	EMC Tests	ČSN EN 60947-1 ed. 4:2008, cl. 7.3, 8.4	Low voltage switchgear and controlgear	D
130*	EMC Tests	ČSN EN 60947-2, cl. 7.3, Annex F, J, N	Circuit breakers	D
131*	EMC Tests	ČSN EN 60947-3 ed. 3:2010, cl. 7.3	Switches, disconnectors, circuit breakers and fuse combinations	D
132*	EMC Tests	ČSN EN 60947-4-1 ed. 3:2010, cl. 8.3; ČSN EN IEC 60947-4-1, cl. 8.3, Annex M8.3	Motor contactors and starters	D
133*	EMC Tests	ČSN EN 60947-4-2, cl. 8.3	Semiconductor motor controllers and starters	D
134*	EMC Tests	ČSN EN 60947-4-3, cl. 8.3	Semiconductor motor controllers and contactors	D
135*	EMC Tests	ČSN EN 60947-5-1, cl. 7.3	Electromechanical control circuit devices	D

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136*	EMC Tests	ČSN EN 60947-5-2 ed. 3:2008, cl. 7.2.6, 8.6	Proximity switches	D
137*	EMC Tests	ČSN EN 60947-5-3, cl. 7.3.3	Control circuit devices and switching elements	D
138*	EMC Tests	ČSN EN 60947-5-6, cl. 7.4	DC interface for proximity sensors and switching amplifiers	D
139*	EMC Tests	ČSN EN 60947-5-7, cl. 8.6	Proximity devices with analogue output	D
140*	EMC Tests	ČSN EN 60947-5-9, cl. 8.5	Flow switches	D
141*	EMC Tests	ČSN EN 60947-6-1, cl. 8.3; ČSN EN 60947-6-2, cl. 8.3	Multi-function switches	D
142*	EMC Tests	ČSN EN 60947-8, cl. 8.3 and 9.4	Control and protection switchgear	D
143*	EMC Tests	ČSN EN 62026-1:2008, cl. 8.2 and 9.3; ČSN EN 62026-3, cl. 8.9 and 9.2	Controller-device interfaces	D
144*	EMC Tests	ČSN EN 62271-1, Annex H	Switchgear and controlgear	D
145*	EMC Tests	ČSN EN 62135-2 ed. 2:2015	Resistance welding equipment	D
146*	EMC Tests	ČSN EN 60974-10 ed. 3:2015	Arc welding equipment	D
147*	EMC Tests	ČSN EN 61008-1, 8.17, 9.24; ČSN EN 61009-1, 8.17, 9.24	Residual current circuit breakers	D
148	EMC Tests	ČSN EN 62054-11, cl. 7.6	Electronic ripple control receivers	D
149	EMC Tests	ČSN EN 62052-21, cl. 7.6, 7.7; ČSN EN 62054-21, cl. 7.6, 7.7	Tariff and load control equipment	D
150	EMC Tests	ČSN EN 61058-1:2003, cl. 25; ČSN EN IEC 61058-1, cl. 25	Switches for appliances	D
151	EMC Tests	ČSN EN 61131-2, cl. 8 and 9	Programmable controllers	D
152*	EMC Tests	ČSN EN 61204-3:2001 ČSN EN IEC 61204-3	Low voltage power supplies with d.c. output.	D
153*	EMC Tests	ČSN EN 61326-1 ed. 2:2013	Equipment for measurement, control and laboratory use	D

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Vojenský technický ústav, s.p.

CAB number 1103, Technology Testing Section - Testing Laboratory No. 1103
MTIGF Branch, Víta Nejedlého 691, 682 01 Vyškov

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
154*	EMC Tests	ČSN EN 61326-2-1 ed. 2:2013	Sensitive testing and measurement equipment	D
155*	EMC Tests	ČSN EN 61326-2-2 ed. 2:2013	Portable monitoring equipment	D
156*	EMC Tests	ČSN EN 61326-2-3 ed. 2:2013	Transmitters/receivers	D
157*	EMC Tests	ČSN EN 61326-2-4 ed. 2:2013	Insulation monitoring equipment	D
158*	EMC Tests	ČSN EN 61326-2-5 ed. 2:2013	Field bus equipment	D
159*	EMC Tests	ČSN EN 61326-3-1; ČSN EN IEC 61326-3-2	Security-related systems and equipment	D
160*	EMC Tests	ČSN EN 61326-2-6 ed. 2:2013	Medical equipment for diagnostic use	D
161*	EMC Tests	OIML R 117-1, cl. A.11	Measuring equipment for liquids	D
162*	EMC Tests	ČSN EN 61557-12:2009, cl. 6.1.13	Equipment for measuring and monitoring electrical parameters	D
163*	EMC Tests	ČSN EN 1434-4+A1, cl. 7.10 to 7.15, 7.17, 7.20	Thermal energy meters	D
164	EMC Tests	ČSN EN 62606, cl. 8.15	Arc fault protection devices	D
165*	EMC Tests	ČSN EN 61800-3 ed. 2:2005; ČSN EN IEC 61800-3	Electrical power drive systems	D
166	EMC Tests	ČSN EN 61812-1, cl. 17	Time relays	D
167*	EMC Tests	ČSN EN 62041 ed. 2:2011	Transformers, power supplies, reactors	D
168*	EMC Tests	ČSN EN 60044-7, cl. 8.7	Electronic voltage transformers	D
169	EMC Tests	ČSN EN 62020, cl. 8.18, 9.22	Residual current monitoring devices.	D
170*	EMC Tests	ČSN EN 50470-1, cl. 7.3, 7.4; ČSN EN 50470-3:2007, cl. 8.7.7.11 to 8.7.7.16; ČSN EN 62052-11:2003, cl. 7.5; ČSN EN 62053-21:2003, cl. 8.2; ČSN EN 62053-31, cl. 4.5; ČSN EN 62055-31:2006, cl. 7.8	Energy meters	D
171*	EMC Tests	ČSN EN 62052-21, cl. 7.6	Tariff and load control equipment	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
172*	EMC Tests	ČSN EN 62310-2	Static switching systems	D
173	Test of the position of low beam and high beam lights	ECE Regulation No. 48, cl. 6.1, 6.2; ČSN 30 4003, cl. 11 to 19, 21 to 30	Motor vehicles and trailers	-
174	Test of the position of side lights	ECE Regulation No. 48, cl. 6.8, 6.9, 6.10, 6.12, 6.13, 6.16, 6.17, 6.18; ČSN 30 4003, cl. 11 to 19	Motor vehicles and trailers	-
175	Test of the position of stop lights	ECE Regulation No. 48, cl. 6.7; ČSN 30 4003, cl. 11 to 19	Motor vehicles and trailers	-
176	Test of the position of directional indicators	ECE Regulation No. 48, cl. 6.5, 6.6; ČSN 30 4003, cl. 11 to 19	Motor vehicles and trailers	-
177	Test of the position of reflectors	ECE Regulation No. 48, cl. 6.14, 6.15, 6.16, 6.17; ČSN 30 4003, cl. 11 to 19	Motor vehicles and trailers	-
178	Test of the position of headlights and lamps with fog lights and reverse lights	ECE Regulation No. 48, cl. 6.3, 6.4, 6.11; ČSN 30 4003, cl. 11 to 19	Motor vehicles and trailers	-
179*	Voltage drop test	ČSN 30 4003, cl. 36 to 47; ČSN 30 4002, cl. 34	Motor vehicles and trailers	-
180*	Energy balance test	ČSN 30 4003, cl. 56 to 64	Motor vehicles and trailers	-
181*	Tests of lead-acid starter batteries	ČSN EN 50342-1	Lead-acid starter batteries	-
182	Environmental test – dry heat	ČSN EN 50130-5, cl. 8, 9; ČSN EN 60068-2-2; ČOS 999905, method 302; MIL-STD 810G, method 501	Electrical and electronic products	D
183	Environmental test – dry heat	ČSN EN 50155, cl. 13.4.5	Rolling stock equipment	D
184	Environmental test – Cold	ČSN EN 60068-2-1, cl. 10; ČOS 999905, method 303; MIL-STD 810G, method 502	Electrical and electronic products	D
185	Environmental test – Cold	ČSN EN 50155, cl. 13.4.4, 13.4.6	Rolling stock equipment	D
186	Environmental test – Damp heat, Constant	ČSN EN 60068-2-67; ČSN EN 60068-2-78; ČOS 999905, method 306; MIL-STD 810G, method 507	Electrical and electronic products	D
187	Environmental test – Damp heat, Constant	ČSN EN 50130-5, cl. 12, 13	Alarm systems	D
188	Environmental test – Damp heat, Constant	ČSN EN 60335-1, cl. 15.3	Household electrical appliances	D

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
189	Environmental test – Damp heat, Constant	ČSN EN 60335-2-102, cl. 15	Appliances burning gaseous, petroleum and solid fuels	D
190	Environmental test – Damp heat, Cyclic.	ČSN EN 60068-2-30; ČSN EN IEC 60068-2-38; MIL-STD 810G, method 507	Electrical and electronic products	D
191	Environmental test – Damp heat, Cyclic.	ČSN EN 50130-5, cl. 14, 15	Alarm systems	D
192	Environmental test – Damp heat, Cyclic.	ČSN EN 50155, cl. 13.4.8	Rolling stock equipment	D
193	Environmental test – temperature change	ČSN EN 60068-2-14; ČOS 999905, method 304; MIL-STD 810G, method 503	Electrical and electronic products	D
194	Environmental test – temperature change	ČSN EN 50130-5, cl. 11	Alarm systems	D

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 degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

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6. Special Systems and Fuel Testing Laboratory

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of contaminants, additives and identification of PHM type by FTIR spectroscopy	J-4-6100/15 (NICOLET manual and application sheets)	Motor oils, gear oils, hydraulic oils, plastic lubricants, cooling liquids, washer fluids	A, D
2	Determination of the content of elements by AES/RDE spectroscopy method	J-4-6100/16 (SPECTRO Inc. manual and application sheets)	Engine oils, transmission oils, hydraulic oils	A, B, D
3	Determination of base number – Perchloric acid potentiometric titration method	ČSN ISO 3771	Engine oils	D

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 degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1	water, fuel, glycol, oxidation, nitration and sulphation products, antioxidant and anti-wear additives, soot
2	Ag, Al, B, Ba, Ca, Cd, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Si, Sn, Ti, V, Zn

Explanatory notes:

PHM Fuel, lubricants and related products

FTIR Fourier Transformation Infrared Spectroscopy

AES/RDE Rotating Disc Electrode Atomic Emission Spectroscopy