

**The Appendix is an integral part of
Certificate of Accreditation No. 58/2024 of 07/02/2024**

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

TÜV SÜD Czech s.r.o.
CAB number 1107, Testing Laboratory
Novodvorská 994, 142 21 Praha 4

Testing laboratory location:

- | | |
|---------------|--|
| 1. NOV | Novodvorská 994, 142 21 Praha 4 |
| 2. UHE | Úhelnice 41, 294 06 Úhelnice |
| 3. BEZ | Uno Technology Park, Hala H1a, Bezděčín No.p. 108, 293 01 Mladá Boleslav |
| 4. VTP | Přílepská 1920, 252 63 Roztoky u Prahy |
| 5. KTG | Bílý Vrch, Bártlova 2835, 193 00 Praha 9 – Horní Počernice |
| 6. NYM | Za Žoskou 2506, 288 02 Nymburk |

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 on the laboratory's website www.tuvsud.com/cs-cz/autorizace-a-opravneni-authorized-activities in the form „List of activities within the flexible scope of accreditation“.

1. **NOV**

Tests:

Ordinal number ¹	Test procedure /method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1.1*	Measurement of acoustic pressure level, power level weighted by various weighting functions and frequency analysis	UN No. 9, Annex 3, 4; UN No. 28, Part II, cl. 14; UN No. 41, Annex 3 to 5; UN No. 51, cl.6, Annex 3 to 7; UN No. 59, cl. 6; UN No. 63, Annex 3, 5; UN No. 92, cl. 6; UN No. 117, Annex 3, 4; ČSN ISO 5128, cl. 3 to 11; Regulation (EU) 2015/96, Annex III; Regulation (EU) 1322/2014, Annex XIII ; Regulation (EU) 2015/208, Annex XVI ; Regulation (EU) 3/2014, Annex II, Part II ; Regulation (EU) 134/2014, Annex IX ; Regulation (EU) 540/2014, Annex II to VIII, Annex IX, App. 4 and 5, Annex X; UN No.138, cl.5, 6, Annex 3; Regulation (EU) 2018/985, Annex II ; ČSN EN 1846-2+A1, cl. 5.1.1.8., 5.1.5., Annex F ; ČSN EN ISO 3095, cl. 6 to 8; ČSN EN ISO 3381, cl. 6 to 8	Vehicle	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
1.2	Measurement of acoustic pressure level, power level weighted by various weighting functions and frequency analysis	UN No. 28, part I, cl. 6; INMETRO Regulation No. 301/2011, including NBR 7014, NBR 5535 and NBR 5536; Regulation (EU) 3/2014, Annex II, Part I	Acoustic warning device	D
1.3*	Measurement of acoustic pressure level, power level weighted by various weighting functions and frequency analysis	ČSN EN ISO 3744, cl. 6 to 10; ČSN EN ISO 3746, cl. 6 to 10; ČSN ISO 6395, cl. 5 to 10	Machine	D
1.4*	Check of the number and type of installed lighting devices and measurement of mounting dimensions and visibility angles.	UN No. 48, cl. 5, 6; UN No. 53, cl. 5, 6; UN No. 69, Annex 15; UN No. 70, Annex 15; UN No. 74, cl. 5, 6; UN No. 86, cl. 5, 6; Regulation (EU) 2015/208, Annex XII; Regulation (EU) 3/2014, Annex IX; UN No. 150, Annex 25; ČSN EN 1846-2+A1, cl. 5.1.3.3	Vehicle	D
1.5*	Check of symbols for controls, signalling devices and indicators	UN No. 60, cl. 5.3, 6.4; UN No. 121, cl. 5; Regulation (EU) 1322/2014, Annex XXVI; Regulation (EU) 3/2014, Annex VIII	Vehicle	D
1.6*	Tests of electrical safety	Regulation (EU) 1322/2014, Annex XXVIII; UN No. 100, cl. 5, Annex 3 to 5; UN No. 136, cl. 5, Annex 3 to 5; Regulation (EU) 3/2014, Annex IV; Regulation (EU) 2015/208, Annex XXIV; UN No. 107, Annex XII	Vehicle	D
1.7*	Functional check of electronic systems	UN No. 97, cl. 17 to 19, 31 to 33; UN No. 116, cl. 5, 7 and 8; UN No. 161, cl. 5, Annex. 6; UN No. 162, cl. 5, Annex 6; UN No. 163, cl. 10 to 12, Annex 6, 8; Regulation (EU) 2021/1243, Annex I	Vehicle	D
1.8	Functional check of electronic systems	UN No. 97, cl. 5 to 7, 31 to 33; UN No. 116, cl. 6, 8; UN No. 162, cl. 5, Annex 6; UN No. 163, cl. 5 to 7	Vehicle security components	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
1.9	Check of bus body rigidity at side overturn; determination of residual space by calculation by finite element method (calculation method applied to test 3.2)	UN No. 66, Annex 9	Vehicle, body segment	D
1.10	Check of strength of cabins of vehicles and determination of residual space for survival by calculation by finite element method (calculation method applied to test 3.19)	UN No. 29, cl. 5, Annex 3 to 5	Vehicle	D
1.11	Strength tests under dynamic load by calculation by finite element method (calculation method applied to test 3.43)	UN No. 67, cl. 17.4.6; UN No. 110, cl. 18.4.4; UN No. 134, cl. 7.2; ČSN EN 1789, cl. 5.4; ČSN EN 1846-2+A1, cl. 5.1.2.2.2, 5.1.2.2.3	Assembly units	D
1.12	Strength tests under static load by calculation by finite element method (calculation method applied to test 3.23)	UN No. 58, cl. 2, 7, 25, Annex 5; UN No. 73, cl. 12, 14, Annex 3; UN No. 93, cl. 6, 10, Annex 5	Vehicle, vehicle protection equipment	D
1.13	Strength tests under static load by calculation by finite element method (calculation method applied to test 3.30)	Regulation (EU) 1005/2010, Annex II; Regulation (EU) 2021/535, Annex VII, Part 2	Vehicle, part of vehicle with towing brackets	D
1.14	Fatigue strength tests by calculation by finite element method (calculation method applied to test 3.32)	UN No. 55, cl. 4, Annex 5, cl. 1 to 8, Annex 6, cl. 1.1, 3.6; UN No. 147, cl. 4, Annex 5, cl. 1 to 12, Annex 6, cl. 1.1, 1.3, 3.3, 3.6, 3.7	Vehicle, coupling devices	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 valid 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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2. UHE

Tests:

Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Subject of the test	Degrees of freedom³
2.1	Test of safety in rear-end impact upon a vehicle by a travelling barrier	UN No. 32, cl. 5, 6, Annex 3, 4; UN No. 34, cl. 9.1 to 9.4, 9.6, Annex 4; UN No. 153, cl.5, 6, Annex3, 4, 5	Vehicle	D
2.2	Test of safety in front-end impact	UN No. 94, cl. 5, Annex 3 to 9; UN No. 137, cl. 5, 6, Annex 3 to 6; UN No. 12, cl.5, 6, Annex 3,6 UN No. 33, cl. 5, 6, Annex 3, 4, 5; UN No. 160, cl. 5.1, 5.2, 5.4; Regulation (EU) 2017/79, Annex. II, cl. 2.3.1	Vehicle	D
2.3	Test of the protection of passengers by side impact of a moving barrier	UN No. 95, cl. 5, Annex 3 to 8; UN No. 160, cl. 5.1, 5.2, 5.4; Regulation (EU) 2017/79, Annex II, cl. 2.3.1	Vehicle	D
2.4	Test of the protection of passengers in front-end collision	UN No. 135, cl. 5, Annex 3 to 5, 7 to 10	Vehicle	D
2.5*	Measurement of steering ⁴	ISO 3888-1; ISO 3888-2; ISO 4138; Regulation (EU) 3/2014, Annex XIV; UN No. 117, cl. 2, 6, Annex 5, 7; Regulation (ES) 1222/2009, Annex I, Part B, Annex IV, V; TR CU 018/2011, Annex 3, cl. 4; GOST R 52302-2004; UN No. 64, cl. 5, 6, Annex 3 to 5; UN No. 141, cl. 5, 6, Annex 3 to 6; ČSN EN 1846-2+A1, cl. 5.1.1.3.1	Vehicle	D
2.6*	Measurement of braking performance and stability ⁴	UN No. 13, cl. 5, 6, Annex 4 to 14, 17 to 21; UN No. 13H, cl. 5, 6, Annex 3 to 6, 8, 9; OSN No. 78, cl. 5, 6, Annex 3; Regulation (EU) 2014/3, Annex III; UN No. 90, Annex 3, cl. 1, 2.1, Annex 4, cl. 1, Annex 7; Regulation (EU) 2015/68, Annex I to VII, XI; UN No. 139, cl. 5 to 9, Annex 3, 4; UN No. 140, cl. 5 to 9	Vehicle	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
2.7*	Driving tests ⁴	UN No. 79, cl. 5, 6, Annex 3 to 6, 8; Regulation (EU) 2015/208, Annex IV, V	Vehicle	D
2.8*	Speed measurement and evaluation ⁴	UN No. 39, cl. 5, Annex 3; UN No. 68, cl. 5; UN No. 89, cl. 5, 13, Annex 5, 6; Regulation (EU) 3/2014, Annex VIII, cl. 1.2; Regulation (EU) 134/2014, Annex X, Amendment 1; Regulation (EU) 2015/208, Annex III, VI; Regulation 2017/1151, Annex XXI, Sub-Annex 4, cl. 4; Regulation (EU) 2021/1958, Annex I	Vehicle	
2.9*	Speed measurement and evaluation ⁴	UN No. 89, cl. 21, Annex 5, 6; Regulation (EU) 2021/1958, Annex I	Speed limiting devices	D
2.10*	Tests of advanced systems of active safety ⁴	UN No. 130, cl. 5,6; 347/2012/EU, Annex II; UN No. 131, cl. 5,6; Regulation (EU) 351/2012/EU, Annex II; UN No. 151, p. 5, 6, Annex 3 UN No. 152, p. 5, 6 UN No. 159, p. 5, 6, Annex 3 Regulation (EU) 2021/646, Annex I, Part 2	Vehicle	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 valid 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.

⁴ tests performed also in the premises at the address Letiště, 295 01 Mnichovo Hradiště

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3. **BEZ**

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
3.1	Test of side tilting	UN No. 107, Annex 3, cl. 7.4; ČSN EN 1846-2+A1 cl. 5.1.1.2 ; GB/T 14172-2009 ; KMVSS Cl. 8, MOLIT Ordinance 465; Regulation (EU) 44/2014 Annex XVI	Vehicle	D
3.2	Test of side tilting and determination of residual space at overturn	UN No. 66, cl. 5, Annex 3 to 7	Vehicle, body segment	D
3.3*	Measurement of position, visibility, workmanship and installation	Regulation (EU) 1003/2010, Annex II ; Regulation (EU) 19/2011, Annex I, II; Regulation (EU) 130/2012, Annex II; Regulation (EU) 2015/208, Annex XIX; Regulation (EU) 44/2014, Annex XIV; Regulation (EU) 2021/535, Annex II, part 2, Annex III, part 2, Annex X, part 2; Regulation (EU) 901/2014, Annex V; ČSN EN 1846-2+A1, cl. 5.1.2.3.2, 5.1.2.3.4; UN No. 105, cl. 5; Regulation (EU) 1322/2014, Annex XV	Vehicle	D
3.4*	Check and evaluation of dimensions, load and mass	92/21/EEC, Annex II incl. App. ; 97/27/EC, Annex I, cl. 1, 2, 7 except cl. 7.6; ČSN 30 0521, cl. III, IV; ČSN 30 0522, cl. III; UN No. 107, Annex 11 except cl. 3.4; Regulation (EU) 1230/2012, Annex I, III; Regulation (EU) 2015/208, Annex XXI; Regulation (EU) 44/2014, Annex X, XI, except App. 1, cl. 3; Regulation (EU) 2018/858, Annex I, part A, cl. 3, 4; Regulation (EU) 2021/535, Annex XIII, part 2, sec. B to J, L; ČSN EN 1846-2+A1, cl. 5.1.1.6, 5.2.1.2, 5.1.2.2.7, 5.1.2.3.5; Regulation (EU) 2015/68, Annex XXVIII	Vehicle	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
3.5*	Check of tyres fitting and measurement of their space in the body	Regulation (EU) 458/2011, Annex II; Regulation (EU) 2015/208, Annex XXX, cl. 2.2; Regulation (EU) 3/2014, Annex XV; UN No. 124, Annex 10; UN No. 142, cl. 5	Vehicle	D
3.6*	Check of measures against unauthorized modifications	Regulation (EU) 44/2014, Annex II; Regulation (EU) 3/2014, Annex XVIII	Vehicles of category L	D
3.7*	Measurement of manoeuvrability	97/27/EC, Annex I, cl. 7.6 ČSN 30 0552; UN No. 107, Annex 11, cl. 3.4; Regulation (EU) 1230/2012, Annex I, part B, cl. 7,8, Part C, cl. 6,7, Part D, cl. 3; Regulation (EU) 130/2012, Annex III ; Regulation (EU) 2021/535, Annex XI, Annex XIII, Sec. C, cl.7,8, Sec. D, cl.6,7, Sec. E, cl.3; ČSN EN 1846-2+A1, cl. 5.1.1.3.2	Motor vehicles and their combinations	D
3.8*	Check of gas equipment build-up	UN No. 67, part II, cl. 17; UN No. 110, part II, cl. 18	Motor vehicles	D
3.9*	Static check of external geometrical shapes	UN No. 26, cl. 5, 6; UN No. 61, cl. 5, 6; Regulation (EU) 44/2014, Annex VIII; Regulation (EU) 3/2014, Annex VI; Regulation (EU) 2015/208, Annex XIV	Vehicle, parts and accessories of vehicles – external protrusions	D
3.10*	Static dimensional check of mutual arrangement of parts and their identification	UN No. 35, cl. 5; UN No. 60, cl. 5, 6; Regulation (EU) 1009/2010, Annex II ; Regulation (EU) 109/2011, Annex IV ; Regulation (EU) 2015/208, Annex XXXI; Regulation (EU) 2021/535, Annex V, part 2; Annex VIII, part 2	Controls, vehicle and motorcycle wheel covers	D
3.11*	Inspection of build-up and function of parts in various operating and climatic conditions	UN No. 45, cl. 6 Regulation (EU) 1008/2010, Annex III Regulation (EU) 3/2014, Annex VII, part 2 Regulation (EU) 2021/535, Annex IV, part 2	Vehicle, its wiper and washer 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
3.12*	Measurement of field of vision, including camera and detection systems	UN No. 125, cl. 5, 6, Annex 3, 4; ZM-A/10.30, cl. 4 to 7; UN No. 46, part II, cl. 15, 16, Annex 8; UN No. 81, part II, cl. 16; Regulation (EU) 2015/208, Annex IX; Regulation (EU) 3/2014, Annex X; UN No. 158, part II, cl. 15, 16 Annex 8 to 10; UN No. 43, Annex 21, 22, 24	Vehicle	D
3.13*	Determination of achievement of outward visibility through windscreen in demisting or de-icing and check of heating function	ZM-A/10.42, cl. 4 to 7; Regulation (EU) 672/2010, Annex II; UN No. 122, Part I, cl.5, Annex 7; Regulation (EU) 3/2014, Annex VII, part 3; Regulation (EU) 2021/535, Annex VI, part 2; Regulation (EU) 2015/208, Annex XVII	Vehicle	D
3.14	Static strength test	UN No. 11, cl. 5 to 7, Annex 3, 5, 6; FMVSS 571.206, p. S4, S5, except S5.1.1.4	Door latches and hinges	D
3.15	Test of by impact of torso and ball head	UN No. 12, cl. 5, 6, Annex 4 to 6; FMVSS 571.203, p. S5	Vehicle steering gear	D
3.16	Strength test and check of the number and geometry of safety belt anchorage points	UN No. 14, cl. 5, 6, 7, Annex 3 to 6, 9; UN No. 16, cl. 6.1.2, 8, Annex 15, 16, 18; Regulation (EU) 3/2014, Annex XII, part 1, 2; Regulation (EU) 1322/2014, Annex XVIII, cl. 3; ISO 3776-2, cl. 3; UN No. 145, cl. 6, Annex 3 to 5; FMVSS 571.210, p. S4, S5	Body with seats	D
3.17	Check of geometry and test of static strength of seats, their anchoring and setting mechanisms, including head restraints and test of the absorption of impact energy of ball head	UN No. 17, cl. 5, 6, Annex 3 to 6, 8; UN No. 80, cl. 5 to 7, App. 2, 5, 6, Annex 4; UN No. 25, cl. 7, Annex 3 to 7; Regulation (EU) 3/2014, Annex XIII, p. 1 ; Regulation (EU) 2015/208, Annex XIII, part 3; FMVSS 571.202, p. S4, S5; FMVSS 571.207, p. S4, except S4.3.2.2, S5	Seats, body with seats	D
3.18	Check of the geometry, rigidity and energy absorption	UN No. 21, cl. 5, Annex 1, 4 to 10; Regulation (EU) 3/2014, Annex XVII, part 1, cl. 2; Regulation (EU) 2015/208, Annex XIII, part 2, 5; FMVSS 571.201, p. S5	Vehicle interior	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
3.19*	Strength test of cabins and determination residual survival space in the cabin after impact	UN No. 29, cl. 5, Annex 3, 4, 5	Vehicle	D
3.20*	Check of build-up of safety belts and restraint systems	UN No. 16, cl. 6.1.2, 8, Annex 16 to 18; Regulation (EU) 3/2014, Annex XII, part 3; ISO 3776-1, cl. 4	Vehicle	D
3.21	Strength tests	UN No. 124, Annex 6, 8	Vehicle wheels	D
3.22	Determination of integrity of operating functions, lighting and signalling, steering geometry after a low-speed pendulum impact	UN No. 42, cl. 6, Annex 3	Vehicle	D
3.23	Measurement of curvature, reflectivity and impact test	UN No. 46, part I, cl. 6.1 and 6.3, Annex 6, 7; UN No. 81, part I, cl. 6 to 8, Annex 5, 6; UN No. 158, part I, cl. 6, Annex 6, 7; UN No. 107, Annex 5, Annex 8, cl. 3.3.3	Vehicle components with reflective properties	D
3.24*	Strength, climatic and functional tests	UN No. 34, part I, III, IV and V except cl. 5; Regulation (EU) 2015/208, Annex XXV; Regulation (EU) 44/2014, Annex IX except cl. 3.7; Regulation (EU) 1322/2014, Annex XXVII, cl. 1; ISO 21507, except cl. 5.4	Vehicle, liquid fuel tanks	D
3.25*	Measurement of high-frequency disturbing electromagnetic fields and voltages, disturbing impulse bias voltages emitted to the on-board system and radio-frequency immunity tests	UN No. 10, cl. 6, Annex 4 to 10; ČSN EN ISO 14982, cl. 4, 6, Annex A to F; ČSN ISO 13766-1, cl. 4, Annex A to F; ČSN 30 4011, cl. 4; Regulation (EU) 2015/208, Annex XV; Regulation (EU) 44/2014, Annex VII; ČSN EN 55012 ed. 2, cl. 5; OSN No. 97, Annex 9; OSN No. 116, Annex 9; UN No. 161, Annex 7; UN No. 162, Annex 7; UN No. 163, Annex 7	Vehicle, electronic sub-assembly	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
3.26	Measurement of high-frequency disturbing electromagnetic fields and voltages, radio-frequency immunity tests, measurement of disturbing impulse bias voltages emitted to the on-board system	ČSN EN 55025, cl. 6.3 to 6.5; ISO 11452-2, cl. 8; ISO 11452-4, cl. 8; ISO 11452-5, cl. 6; ISO 11452-9, cl. 8; ISO 7637-1:1990, cl. 3; ISO 7637-2, cl. 4, 5; ISO 7637-3, cl. 4; ČSN EN 61000-4-2, cl. 8; ISO 10605, cl. 8, 9	Electronic sub-assembly	D
3.27	Aging test by solar radiation simulation	DIN 75220; IEC 60068-2-5	Vehicle components	D
3.28	Deployment tests at different temperatures, verification of functionality	VW - PV 3545, cl. 5; VW - PV 3546, cl. 5; OSN No. 114, cl. 5, 6; VW - PV 3550, cl. 2	Components equipped with an airbag	D
3.29	Static strength tests with deformation measurement and geometry check	UN No. 58, cl. 2, 7, 16, 25, Annex 5; UN No. 73, cl. 3, 12 to 16, Annex 3; UN No. 93, cl. 6, 8, 10, Annex 5; Regulation (EU) 2015/208, Annex XXVI, p. 2; Regulation (EU) 2015/208, Annex XXVII, p. 2	Vehicle, vehicle protection equipment	D
3.30	Measurement of strength	Regulation (EU) 1005/2010, Annex II; Regulation (EU) 2015/208, Annex XXIX; Regulation (EU) 2021/535, Annex VII, Part 2	Vehicle, part of vehicle with towing brackets	D
3.31	Static strength tests with deformation measurement	FMVSS 571.214, p. S4-S6; FMVSS 571.216, p. S5-S7; Regulation (EU) 1322/2014, Annex VIII; Regulation (EU) 3/2014, Annex XI	Vehicle body, vehicle protective structure	D
3.32*	Dynamic (fatigue) tests of strength. Dimensional check	UN No. 55, cl. 4, 6, Annex 5 to 7; ISO 3853; Regulation (EU) 44/2014, Annex V, cl. 3, 4, 5, App. 1, 2, 3; Regulation (EU) 2015/208, Annex XXXIV, cl. 2, 3, App. 1, 2, 3; UN No. 147, cl. 4, 6, Annex 5 to 7	Towing device, part of a vehicle with towing device	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
3.33	Measurement of strength and life and check of the number of security combinations, check of basic functions	UN No. 18, cl. 5, 6, Annex 3; UN No. 62, cl. 5, 6, Annex 3; UN No. 116, cl. 5.2, 5.3, Annex 4, Part 1, 2; UN No. 161, cl. 5, Annex 4; Regulation (EU) 44/2014, Annex VI	Steering lock	D
3.34*	Measuring the strength of footrests and handholds	Regulation (EU) 44/2014, Annex XIII	Motorcycle	D
3.35*	Interior safety and geometry tests	UN No. 36, cl. 5, Annex 4 to 6; UN No. 52, cl. 5, Annex 4; UN No. 107, cl. 5, Annex 3, except cl. 7.4, Annex 6 to 8	Bus	D
3.36*	Test of resistance to fire	UN No. 34, Part I, Annex 5, cl. 5	Plastic tanks for liquid fuel	D
3.37*	Fire resistance test	UN No. 100, cl. 6.5 Annex 9 E	Vehicle battery systems	D
3.38*	Climatic resistance tests	VW PV 1200, cl. 4	Vehicle components	D
3.39	Dynamic strength test of locks and hinges	UN No. 11, cl. 5 to 7, Annex 4; FMVSS 571.206, p. S5.1.1.4	Vehicle body with doors	D
3.40	Dynamic strength test of seats, test of their anchoring and setting mechanisms	UN No. 17, cl. 5, 6, Annex 7, 9; UN No. 80, cl. 5 to 7, App. 1, 3, 4, Annex 4 UN No. 126, cl. 6, Annex 3, 4; FMVSS 571.207, p. S4.3.2.2; ADR 34/2	Body or part of body with seats	D
3.41	Check of the geometry, dimensions and dynamic frontal impact resistance of child seats	UN No. 44, cl. 6, 7.1.4, 8.1.3, 8.3, 8.4, 8.5, Annex 6 to 10, 13, 21; OSN No. 129, cl. 6, 7.1.3, 7.3, 7.4, 7.5, Annex 6 to 10, 17, 22	Child restraint systems, vehicle bodies with child restraint systems	D
3.42	Determination of a dynamically determined head impact zone	UN No. 21, Annex 8	Body with seats and interior	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
3.43	Dynamic functional and fixing test	UN No. 67, cl. 17.4.6; UN No. 110, cl. 18.4.4; UN No. 134, cl. 7.2; EN 1789, cl. 5.4; ČSN EN 1846-2+A1, cl. 5.1.2.2.2, 5.1.2.2.3; PESS 238.233	Vehicle assembly units	D
3.44	Dynamic functional and fixing test	DIN 75 302; ISO/PAS 11154, Annex E	Luggage carriers	D
3.45	Dynamic functional and fixing test	Regulation (EU) 2017/79, Annex I, cl. 2.3; OSN No. 144, Annex 9	eCall equipment	D
3.46*	Tests of cybersecurity and software updates	I540 – 133 – 01 (UN No. 155, cl. 5.1.2); I540 – 133 – 02 (UN No. 155, cl. 5.1.2); I540 – 133 – 03 (UN No. 155, cl. 5.1.2); I540 – 133 – 04 (UN No. 155, cl.5.1.2); I540 – 133 – 05 (UN No. 155, cl.5.1.2); I540 – 133 – 06 (UN No. 155, cl. 5.1.2); I540 – 133 – 07 (UN No. 155, cl. 5.1.2); I540 – 133 – 08 (UN No. 155, cl. 5.1.2); I540 – 133 – 09 (UN No. 155, cl. 5.1.2); I540 – 133 – 10 (UN No. 155, cl. 5.1.2); UN No. 156, cl. 7.2	Vehicle, vehicle part with control unit	D
3.47*	Measuring driver attention and drowsiness	Regulation (EU) 2021/1341, Annex I	Vehicle	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 valid 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

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4. VTP

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
4.1	Measurement of amount of emitted gaseous harmful pollutants on drum tester	Regulation 692/2008/EC, Annex III to V, VII, X, XI, XIII; UN No. 40, Annex 4, 5, 7; UN No. 47, Annex 4, 5; UN No. 83, Annex 4 to 6, 9, 11 to 14; UN No. 103, cl. 5.2, 5.4, 5.5; UN No. 115, cl. 6.1.2, 6.1.4, 6.2.2, 6.2.4; Regulation (EU) 134/2014, Annex II to IV, VI, VIII; Regulation (EU) 2017/1151, Annex XXI; UN No. 154, cl.6, Annexes part A,B,C	Vehicle	D
4.2	Measurement of fuel consumption on drum tester	UN No. 101, Annex 6, 8, 10; Regulation (ES) 692/2008, Annex XII; Regulation (EU) 134/2014, Annex VII	Vehicle	D
4.3	Measurement of opacity (smoke emission) by light absorption of exhaust gases	UN No. 24, cl. 6, 15, 24, Annex 4, 5, 7 to 9	Compression ignition engine	D
4.4	Measurement of the amount of emitted gaseous pollutants and harmful particles	97/68/EC, Annex III, IV, VI; UN No. 49, cl. 6, Annex 4A, 4B, 7, 9A; UN No. 96, cl. 5, 6, Annex 4; UN No. 103, cl. 5.2, 5.4; Regulation (EU) 582/2011, Annex III to VIII, X, XI, XIII, XIV; Regulation (EU) 2017/2400, Annex V; Regulation (EU) 2015/96, Annex I, cl. 3, Annex II, cl.3; Regulation (EU) 2017/654, Annex III to VII UN No. 132, Annex. 5, 6, 7; Regulation (EU) 2016/1628, cl. 24, 25; UN No. 143, Annex 6; Regulation (EU) 2018/985, Annex I	Combustion engine	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
4.5	Measurement of power curve in full load depending on engine speed	UN No. 85, Annex 5 and 6; UN No. 120, Annex 4; Regulation (ES) 692/2008, Annex XX; Regulation (EU) 134/2014, Annex X, cl. 2; UN No. 24, Annex 10; Regulation (EU) 2017/1151, Annex XX; UN No. 143, Annex 6	Engine	D
4.6	Measurement of the amount of pollutants emitted in real traffic	Regulation (EU) 2017/1151, Annex IIIA; Regulation (EU) 582/2011, Annex II; Regulation (EU) 2017/655, Annex, App. 2 UN No. 143, Annex 6	Vehicle	D
4.7	Measurement of fuel consumption under defined driving conditions.	UITP SORT, chap. 6	Vehicle	D
4.8	Check of the function of gear shift indicators	Regulation (EU) 65/2012, Annex I; Regulation (EU) 2021/535, Annex IX, part 2	Vehicle	D

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5. KTG

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
5.1	Tests of strength, optical and climatic properties	ANSI Z 26.1, except tests No. 25, 27; UN No. 43, except Annex 1, 2, 20; GTR No. 6, chap. B, cl. 5, 6; NBR 9491; NBR 9492; NBR 9493; NBR 9494; NBR 9497; NBR 9498; NBR 9499; NBR 9501; NBR 9502; NBR 9503; NBR 9504; Regulation (EU) 3/2014, Annex VII, part 1; Regulation (EU) 2015/208, Annex VIII	Glazing	D
5.2	Corrosion tests in artificial atmospheres	UN No. 16, cl. 7.2	Protective coats and paints	D
5.3	Flammability tests	ČSN ISO 3795; DIN 75200; OSN No. 118, Annex 6; FMVSS 571.302; VW PV 3904; VW TL 1010; ZM A/10.70 (FMVSS 571.302)	Vehicle interior materials	D
5.4	Climatic and strength tests	UN No. 16, cl. 7.5.1 to 7.5.2, 7.4.1.1 to 7.4.1.5, 7.4.2, 7.4.3	Restraint systems	D

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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 valid 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

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6. NYM

Tests:

Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Subject of the test	Degrees of freedom³
6.1	Deployment tests at different temperatures, verification of functionality	VW PV 3545, cl. 5; VW PV 3546, cl. 5; OSN No. 114, cl. 5, 6; VW PV 3550, cl. 2	Components equipped with an airbag	D
6.2	Climatic resistance tests	VW PV 1200, cl. 4	Vehicle components	D

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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 valid 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

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Accreditation for purposes of authorization/notification:

Ordinal number	Product / Product group name	Conformity assessment procedure / module / AVCP system	Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards ¹
1	Construction products acc. to Regulation (EU) No. 305/2011		
1.1	Doors, windows, shutters, gates and related finish hardware		
1.1.1	Doors and gates (with or without corresponding fittings) (For declared specific uses and/or uses subject to other specific requirements, in particular noise, energy, tightness and safety-in-use (i.e. NOT for the separation of fire/smoke sections and NOT for emergency routes)) (according to Commission Decision No. 1999/93/EC, as amended by 2011/246/EU)	Regulation No. 305/2011 system 3	ČSN EN 13241+A2
1.2	Waste water engineering products		
1.2.1	Equipment for waste water pumping stations and pumping equipment (For all essential characteristics except for reaction to fire) (according to Commission Decision 2015/1959)	Regulation No. 305/2011 system 3	ČSN EN 12050-1; ČSN EN 12050-2; ČSN EN 12050-3; ČSN EN 12050-4
1.2.2*	Septic tanks Kits and elements for wastewater treatment plants and on-site treatment equipment (For all essential characteristics except for reaction to fire) (according to Commission Decision 2015/1959)	Regulation No. 305/2011 system 3	ČSN EN 12566-1 CHANGE A1:2005; ČSN EN 12566-3+A2:2014; ČSN EN 12566-6; ČSN EN 12566-7
1.3	Tubes, tanks and ancillaries, which are not in contact with water intended for human consumption		
1.3.1	Tubes in installations (For the transport/distribution/storage of gas/fuel intended for the supply of building heating/cooling systems, from the external storage reservoir or the last pressure reduction unit of the network to the inlet of the heating/cooling systems of the building) (according to Commission Decision No. 1999/472/EC, as amended by 2001/596/EC)	Regulation No. 305/2011 system 3	ČSN EN 10255+A1

¹ for dated documents identifying essential requirements / harmonised technical specifications: product specifications / features / technical standards, only the editions cited are used; for undated documents, the latest edition of the referenced document (including any amendments) is used.

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Explanations and abbreviations:

ADR	Australian Design Rule
ANSI	American National Standard Institute
App.	Appendix
DIN	Deutsche Industrienorm
UN No. xx	UN Regulation (formerly ECE UN)
FMVSS	Federal Motor Vehicle Safety Standards
GTR	Global Technical Regulation
GOST R	Gosudarstvennyj standart
GB, GB/T	National Regulation of the People's Republic of China
INMETRO Regulation	Regulation of the Brazilian Authority INMETRO
KMVSS	Korea Motor Vehicle Safety Standard
PESS	Passenger Equipment Safety Standards
MD	Czech Ministry of Transport
MOLIT	Ministry of Land, Infrastructure and Transport, Korea
NBR	Norma Brasileira
PAS	Publicly Available Specification
SORT	Standard on Road Test
TR CU	Technical regulation of Customs Union
UITP	International Association of Public Transport (Union internationale des transports publics)
VW - PV, PV xxxx	Test specifications of VW concern
VW TL xxxx	Technical delivery specification of VW concern
xx/xxxx/EEC, EC	Directive of European Economic Community, European Community
xx/xxxx/EU	Commission Regulation (EU)
ZM-x/xx	Test method of the System of Uniform Test Methods controlled by the Ministry of Transport
CPR	Construction Products Regulation (Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011, laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/EEC)
Regulation	Regulation (EU) of the European Parliament and of the Council
CFR	Code of Federal Regulations (USA)
I540 – 133 – xx	Internal method of the Testing Laboratory