



**EA MLA Signatory**  
**Český institut pro akreditaci, o.p.s.**  
(Czech Accreditation Institute)  
**Hájkova 2747/22, Žižkov, 130 00 Praha 3**

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

# **CERTIFICATE OF ACCREDITATION**

**No. 331/2025**

**TÜV SÜD Czech s.r.o.**  
**with registered office Novodvorská 994, 142 21 Praha 4**  
**Company Registration No. 63987121**

**for the Testing Laboratory No. 1107**  
**Testing Laboratory**

**Scope of accreditation:**

Testing of motor vehicles, their systems, parts, accessories, trailers, and other products, testing of cyber security, testing of ladders and construction products to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

**ČSN EN ISO/IEC 17025:2018**

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 58/2024 of 07/02/2024, and/or any administrative acts building upon it.

**The Certificate of Accreditation is valid until: 07/02/2029**

**Prague: 02/07/2025**



Signed in the Czech original:  
Zdeňka Drdová on 02/07/2025

**Jan Velíšek**  
Director of the Department  
of Testing and Calibration Laboratories  
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová



**The Appendix is an integral part of  
Certificate of Accreditation No. 331/2025 of 02/07/2025**

**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. <b>NOV</b> | Novodvorská 994, 142 21 Praha 4                                          |
| 2. <b>UHE</b> | Úhelnice 41, 294 06 Úhelnice                                             |
| 3. <b>BEZ</b> | Uno Technology Park, Hala H1a, Bezděčín No.p. 108, 293 01 Mladá Boleslav |
| 4. <b>VTP</b> | Přílepská 1920, 252 63 Roztoky u Prahy                                   |
| 5. <b>KTG</b> | Bílý Vrch, Bártlova 2835, 193 00 Praha 9 – Horní Počernice               |
| 6. <b>NYM</b> | 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 available on the laboratory's website [www.tuvsud.com/cs-cz/autorizace-a-opravneni-authorizations](http://www.tuvsud.com/cs-cz/autorizace-a-opravneni-authorizations) in the form of the „List of activities within the flexible scope of accreditation“.*

**1. NOV**

**Tests:**

| Ordinal number <sup>1</sup> | Test procedure / method name                                                                                       | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tested subject | Degrees of freedom <sup>3</sup> |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------|
| 1.1*                        | Measurement of acoustic pressure level, power level weighted by various weighting functions and frequency analysis | UN No. 9, Annex 3, 4;<br>UN No. 28, Part II, cl. 14;<br>UN No. 41, Annex 3 to 5;<br>UN No. 51, cl. 6, Annex 3 to 7;<br>UN No. 59, cl. 6;<br>UN No. 63, Annex 3, 5;<br>UN No. 92, cl. 6;<br>UN No. 117, Annex 3, 4;<br>ČSN ISO 5128, cl. 3 to 11;<br>Regulation (EU) 2015/96, Annex III;<br>Regulation (EU) 1322/2014, Annex XIII;<br>Regulation (EU) 2015/208, Annex XVI;<br>Regulation (EU) 3/2014, Annex II, Part II;<br>Regulation (EU) 134/2014, Annex IX;<br>Regulation (EU) 540/2014, Annex II to VIII, Annex IX, App. 4 and 5, Annex X;<br>UN No.138, cl. 5, 6, Annex 3;<br>Regulation (EU) 2018/985, Annex II ; | Vehicle        | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                                                             | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                 | Tested subject          | Degrees of freedom <sup>3</sup> |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------|
|                             |                                                                                                                          | ČSN EN 1846-2+A1, cl. 5.1.1.8, 5.1.5, Annex F;<br>ČSN EN ISO 3095, cl. 6 to 8;<br>ČSN EN ISO 3381, cl. 6 to 8                                                                                                                                                                       |                         |                                 |
| 1.2                         | Measurement of acoustic pressure level, power level weighted by various weighting functions and frequency analysis       | UN No. 28, part I, cl. 6;<br>INMETRO Regulation No.145/2022, including NBR 7014, NBR 5535 and NBR 5536;<br>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;<br>ČSN EN ISO 3746, cl. 6 to 10;<br>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;<br>UN No. 53, cl. 5, 6;<br>UN No. 69, Annex 15;<br>UN No. 70, Annex 15;<br>UN No. 74, cl. 5, 6;<br>UN No. 86, cl. 5, 6;<br>Regulation (EU) 2015/208, Annex XII;<br>Regulation (EU) 3/2014, Annex IX;<br>UN No. 150, Annex 25;<br>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;<br>UN No. 121, cl. 5;<br>Regulation (EU) 1322/2014, Annex XXVI;<br>Regulation (EU) 3/2014, Annex VIII                                                                                                                                                      | Vehicle                 | D                               |
| 1.6*                        | Tests of electrical safety                                                                                               | Regulation (EU) 1322/2014, Annex XXVIII;<br>UN No. 100, cl. 5, Annex 3 to 5;<br>UN No. 136, cl. 5, Annex 3 to 5;<br>Regulation (EU) 3/2014, Annex IV;<br>Regulation (EU) 2015/208, Annex XXIV;<br>UN No. 107, Annex XII                                                             | Vehicle                 | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                                                                                                               | Test procedure / method identification <sup>2</sup>                                                                                                                                                             | Tested subject                        | Degrees of freedom <sup>3</sup> |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| 1.7*                        | Functional check of electronic systems                                                                                                                                     | UN No. 97, cl. 17 to 19, 31 to 33;<br>UN No. 116, cl. 5, 7 and 8;<br>UN No. 161, cl. 5, Annex. 6;<br>UN No. 162, cl. 5, Annex 6;<br>UN No. 163, cl. 10 to 12, Annex 6, 8;<br>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;<br>UN No. 116, cl. 6, 8;<br>UN No. 162, cl. 5, Annex 6;<br>UN No. 163, cl. 5 to 7                                                                                              | Vehicle security components           | D                               |
| 1.9                         | Check of bus body rigidity at side overturn;<br>determination of residual space by calculation by finite element method (calculation method applied to test 3.2)           | UN No. 66, Annex 9;<br>FMVSS 571.227, cl. S5, S6 and S7                                                                                                                                                         | 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;<br>UN No. 110, cl. 18.4.4;<br>UN No. 134, cl. 7.2;<br>ČSN EN 1789, cl. 5.4;<br>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 3.29)                                                         | UN No. 58, cl. 2, 7, 25, Annex 5;<br>UN No. 73, cl. 12, 14, Annex 3;<br>UN No. 93, cl. 6, 10, Annex 5                                                                                                           | Vehicle, vehicle protection equipment | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                                                       | Test procedure / method identification <sup>2</sup>                                                                                            | Tested subject                                                                                                           | Degrees of freedom <sup>3</sup> |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 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;<br>Regulation (EU) 2021/535, Annex VII, Part 2, cl. 1.2                                                   | 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;<br>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                               |
| 1.15                        | Fields of view tests (calculation method applied to test 3.12)                                                     | UN No. 125, cl. 5, 6, Annex 3, 4;<br>UN No. 46, Part II, cl. 15, Annex 8;<br>UN No 167, Annex 7;<br>Regulation (EU) 2015/208, Annex IX         | Vehicle                                                                                                                  | D                               |
| 1.16*                       | Verification of functional dimensions                                                                              | ČSN EN 131-1+A1, cl. 4.2.1                                                                                                                     | Ladders                                                                                                                  | D                               |
| 1.17*                       | Maximum ladder extension test                                                                                      | ČSN EN 131-2+A2, cl. 5.13                                                                                                                      | Ladders                                                                                                                  | D                               |
| 1.18*                       | Anti-slip test                                                                                                     | ČSN EN 131-2+A2, cl. 5.18;<br>ČSN EN 131-4 cl. 6.2.5.5                                                                                         | Ladders, ladder base, floor part                                                                                         | D                               |
| 1.19*                       | Strength test                                                                                                      | ČSN EN 131-2+A2, cl. 5.2, 5.19, 5.20;<br>ČSN EN 131-4 cl. 6.2.2, 6.2.3, 6.2.5, 6.2.5.2, 6.2.5.3, 6.2.5.4                                       | Ladders, side ladders, bar stabilizers, side walls, ladders with more than one pair of hinged joints, decks, floor parts | D                               |
| 1.20*                       | Angle measurement                                                                                                  | ČSN EN 131-2+A2 cl. 5.10, 5.14;<br>ČSN EN 131-7 cl. 6.10                                                                                       | Ladders, step ladders, platforms, three-part multi-purpose ladders in position A                                         | D                               |
| 1.21*                       | Permanent deformation test                                                                                         | ČSN EN 131-2+A2 cl. 5.6.1, 5.6.2, 5.6.3, 5.8, 5.12;<br>ČSN EN 131-4 cl. 6.2.5;<br>ČSN EN 131-7 cl. 6.6, 6.11                                   | Ladders, handrails/handrails<br>Double, multi-purpose ladders (safety elements and hinges)                               | D                               |
| 1.22*                       | Deflection test                                                                                                    | ČSN EN 131-2+A2 cl. 5.3, 5.4, 5.5;<br>ČSN EN 131-4, Annex A                                                                                    | Ladders, sidewalls                                                                                                       | D                               |
| 1.23*                       | Torsion test                                                                                                       | ČSN EN 131-2+A2 cl. 5.15, 5.21;<br>ČSN EN 131-4, Annex A;<br>ČSN EN 131-7 cl. 6.2                                                              | Ladders, rungs, steps                                                                                                    | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                | Test procedure / method identification <sup>2</sup>                                        | Tested subject                                | Degrees of freedom <sup>3</sup> |
|-----------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|
| 1.24*                       | Vertical load test                                                          | ČSN EN 131-2+A2 cl. 5.6, 5.6.2, 5.6.3;<br>ČSN EN 131-4, Annex A;<br>ČSN EN 131-7 cl. 6.4.1 | Ladders, rungs, steps, platforms              | D                               |
| 1.25*                       | Suspension device test                                                      | ČSN EN 131-2+A2 cl. 5.9;<br>ČSN EN 131-4, Annex A;<br>ČSN EN 131-7 cl. 6.12                | Ladders, extendable/multi-purpose ladders     | D                               |
| 1.26*                       | Torsion test                                                                | ČSN EN 131-2+A2 cl. 5.7;<br>ČSN EN 131-4, Annex A                                          | Ladders, lean to ladders                      | D                               |
| 1.27*                       | Durability test                                                             | ČSN EN 131-2+A2 cl. 5.17;                                                                  | Ladders, double ladders                       | D                               |
| 1.28*                       | Tensile foot test                                                           | ČSN EN 131-2+A2 cl. 5.11;<br>ČSN EN 131-4, Annex A;<br>ČSN EN 131-7 cl. 6.14               | Ladders                                       | D                               |
| 1.29*                       | Permanent deflection test                                                   | ČSN EN 131-2+A2 cl. 5.6;<br>ČSN EN 131-4, Annex A;<br>ČSN EN 131-7 cl. 6.13                | Ladders, lower end of the sidewall            | D                               |
| 1.30*                       | Test of the ability to transition from storage position to working position | ČSN EN 131-4 cl. 6.2.7                                                                     | Ladders                                       | D                               |
| 1.31*                       | Stability test                                                              | ČSN EN 131-4 cl. 6.2.5.4;<br>ČSN EN 131-7 cl. 6.7, 6.8                                     | Ladders, ladders equipped with sprung castors | D                               |
| 1.32*                       | Flexural strength test                                                      | ČSN EN 131-7 cl. 6.5                                                                       | Ladders, protective devices                   | D                               |
| 1.33*                       | Stiffness test                                                              | ČSN EN 131-7 cl. 6.8                                                                       | Ladders                                       | D                               |

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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)

<sup>3</sup> 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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Novodvorská 994, 142 21 Praha 4

**2. UHE**

**Tests:**

| Ordinal number <sup>1</sup> | Test procedure / method name                                             | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                                 | Tested subject | Degrees of freedom <sup>3</sup> |
|-----------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------|
| 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;<br>UN No. 34, cl. 9.1 to 9.4, 9.6, Annex 4;<br>UN No. 153, cl. 5, 6, Annex 3, 4, 5                                                                                                                                                                                                                                 | Vehicle        | D                               |
| 2.2                         | Test of safety in front-end impact                                       | UN No. 94, cl. 5, Annex 3 to 9;<br>UN No. 137, cl. 5, 6, Annex 3 to 6;<br>UN No. 12, cl. 5, 6, Annex 3, 6;<br>UN No. 33, cl. 5, 6, Annex 3, 4, 5;<br>UN No. 160, cl. 5.1, 5.2, 5.4;<br>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;<br>UN No. 160, cl. 5.1, 5.2, 5.4;<br>Regulation (EU) 2017/79, Annex II, cl. 2.3.1                                                                                                                                                                                                                                   | Vehicle        | D                               |
| 2.4                         | Side impact test on a pole                                               | UN No. 135, cl. 5, Annex 3 to 5, 7 to 10                                                                                                                                                                                                                                                                                                            | Vehicle        | D                               |
| 2.5*                        | Measurement of steering <sup>4</sup>                                     | ISO 3888-1;<br>ISO 3888-2;<br>ISO 4138;<br>Regulation (EU) 3/2014, Annex XIV;<br>Regulation (ES) 1222/2009, Annex I, Part B, Annex IV, V;<br>TR CU 018/2011, Annex 3, cl. 4;<br>GOST R 52302-2004;<br>UN No. 64, cl. 5, 6, Annex 3 to 5;<br>UN No. 141, cl. 5, 6, Annex 3 to 8;<br>ČSN EN 1846-2+A1, cl. 5.1.1.3.1                                  | Vehicle        | D                               |
| 2.6*                        | Measurement of braking performance and stability <sup>4</sup>            | UN No. 13, cl. 5, 6, Annex 4 to 14, 17 to 21;<br>UN No. 13H, cl. 5, 6, Annex 3 to 6, 8, 9;<br>OSN No. 78, cl. 5, 6, Annex 3;<br>Regulation (EU) 3/2014, Annex III;<br>UN No. 90, Annex 3, cl. 1, 2.1, Annex 4, cl. 1, Annex 7;<br>Regulation (EU) 2015/68, Annex I to VII, IX, XI;<br>UN No. 139, cl. 5 to 9, Annex 3, 4;<br>UN No. 140, cl. 5 to 9 | Vehicle        | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                            | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                           | Tested subject         | Degrees of freedom <sup>3</sup> |
|-----------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|
| 2.7*                        | Driving tests <sup>4</sup>                              | UN No. 79, cl. 5, 6, Annex 3 to 6, 8;<br>Regulation (EU) 2015/208, Annex IV, V                                                                                                                                                                                                                                                                | Vehicle                | D                               |
| 2.8*                        | Speed measurement and evaluation <sup>4</sup>           | UN No. 39, cl. 5, Annex 3 and 4;<br>UN No. 68, cl. 5;<br>UN No. 89, cl. 5, 13, Annex 5, 6;<br>Regulation (EU) 3/2014, Annex VIII, cl. 1.2;<br>Regulation (EU) 134/2014, Annex X, Amendment 1;<br>Regulation (EU) 2015/208, Annex III, VI;<br>Regulation (EU) 2017/1151, Annex XXI, Sub-Annex 4, cl. 4;<br>Regulation (EU) 2021/1958, Annex I  | Vehicle                | D                               |
| 2.9*                        | Speed measurement and evaluation <sup>4</sup>           | UN No. 89, cl. 21, Annex 5, 6;<br>Regulation (EU) 2021/1958, Annex I                                                                                                                                                                                                                                                                          | Speed limiting devices | D                               |
| 2.10*                       | Tests of advanced systems of active safety <sup>4</sup> | UN No. 130, cl. 5,6;<br>Regulation (EU) 347/2012, Annex II;<br>UN No. 131, cl. 5,6;<br>Regulation (EU) 351/2012, Annex II;<br>UN No. 151, cl. 5, 6, Annex 3;<br>UN No. 152, cl. 5, 6;<br>UN No. 159, cl. 5, 6, Annex 3;<br>Regulation (EU) 2021/646, Annex I, Part 2<br>UN No. 157, cl. 5, 6, 7, Annex 5, 6;<br>UN No. 171, cl. 5, 6, Annex 4 | Vehicle                | D                               |

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

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<sup>3</sup> 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.

<sup>4</sup> tests performed also in the premises at the address Letiště, 295 01 Mnichovo Hradiště

3. **BEZ**

**Tests:**



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| Ordinal number <sup>1</sup> | Test procedure / method name                                         | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tested subject        | Degrees of freedom <sup>3</sup> |
|-----------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|
| 3.1                         | Test of side tilting                                                 | UN No. 107, Annex 3, cl. 7.4;<br>ČSN EN 1846-2+A1 cl. 5.1.1.2;<br>GB/T 14172-2009;<br>KMOVSS Cl. 8, MOLIT Ordinance 465;<br>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;<br>FMVSS 571.227, cl. S5, S6 and S7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Vehicle, body segment | D                               |
| 3.3*                        | Measurement of position, visibility, workmanship and installation    | Regulation (EU) 1003/2010, Annex II;<br>Regulation (EU) 19/2011, Annex I, II;<br>Regulation (EU) 130/2012, Annex II;<br>Regulation (EU) 2015/208, Annex XIX;<br>Regulation (EU) 44/2014, Annex XIV;<br>Regulation (EU) 2021/535, Annex II, part 2, Annex III, part 2, Annex X, part 2;<br>Regulation (EU) 901/2014, Annex V;<br>ČSN EN 1846-2+A1, cl. 5.1.2.3.2, 5.1.2.3.4;<br>UN No. 105, cl. 5;<br>Regulation (EU) 1322/2014, Annex XV;<br>UN No. 127, cl. 2;<br>Regulation (EU) 2021/535, Annex XII, part 2, Section A, cl. 1                                       | Vehicle               | D                               |
| 3.4*                        | Check and evaluation of dimensions, load and mass                    | 92/21/EEC, Annex II incl. App.;<br>97/27/EC, Annex I, cl. 1, 2, 7, except cl. 7.6;<br>ČSN 30 0521, cl. III, IV;<br>ČSN 30 0522, cl. III;<br>UN No. 107, Annex 11 except cl. 3.4;<br>Regulation (EU) 1230/2012, Annex I, III;<br>Regulation (EU) 2015/208, Annex XXI;<br>Regulation (EU) 44/2014, Annex X, XI, except App. 1, cl. 3;<br>Regulation (EU) 2018/858, Annex I, part A, cl. 3, 4;<br>Regulation (EU) 2021/535, Annex XIII, part 2, sec. B to J, L;<br>ČSN EN 1846-2+A1, cl. 5.1.1.6, 5.2.1.2, 5.1.2.2.7, 5.1.2.3.5;<br>Regulation (EU) 2015/68, Annex XXVIII | Vehicle               | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                                  | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                              | Tested subject                                                       | Degrees of freedom <sup>3</sup> |
|-----------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------|
| 3.5*                        | Check of tyres fitting and measurement of their space in the body                             | Regulation (EU) 458/2011, Annex II;<br>Regulation (EU) 2015/208, Annex XXX, cl. 2.2;<br>Regulation (EU) 3/2014, Annex XV;<br>UN No. 124, Annex 10;<br>UN No. 142, cl. 5                                                                                                                                                                          | Vehicle                                                              | D                               |
| 3.6*                        | Check of measures against unauthorized modifications                                          | Regulation (EU) 44/2014, Annex II;<br>Regulation (EU) 3/2014, Annex XVIII                                                                                                                                                                                                                                                                        | Vehicles of category L                                               | D                               |
| 3.7*                        | Measurement of manoeuvrability                                                                | 97/27/EC, Annex I, cl. 7.6<br>ČSN 30 0552;<br>UN No. 107, Annex 11, cl. 3.4;<br>Regulation (EU) 1230/2012, Annex I, part B, cl. 7,8, Part C, cl. 6,7, Part D, cl. 3;<br>Regulation (EU) 130/2012, Annex III;<br>Regulation (EU) 2021/535, Annex XI, Annex XIII, Sec. C, cl.7,8, Sec. D, cl.6,7, Sec. E, cl.3;<br>ČSN EN 1846-2+A1, cl. 5.1.1.3.2 | Motor vehicles and their combinations                                | D                               |
| 3.8*                        | Check of gas equipment installation                                                           | UN No. 67, part II, cl. 17;<br>UN No. 110, part II, cl. 18 ;<br>UN No. 134, part III, cl. 7                                                                                                                                                                                                                                                      | Motor vehicles                                                       | D                               |
| 3.9*                        | Static check of external geometrical shapes                                                   | UN No. 26, cl. 5, 6;<br>UN No. 61, cl. 5, 6;<br>Regulation (EU) 44/2014, Annex VIII;<br>Regulation (EU) 3/2014, Annex VI;<br>Regulation (EU) 2015/208, Annex XIV                                                                                                                                                                                 | Vehicle, parts and accessories of vehicles with external projections | D                               |
| 3.10*                       | Static dimensional check of mutual arrangement of parts and their identification              | UN No. 35, cl. 5;<br>UN No. 60, cl. 5, 6;<br>Regulation (EU) 1009/2010, Annex II;<br>Regulation (EU) 109/2011, Annex IV;<br>Regulation (EU) 2015/208, Annex XXXI;<br>Regulation (EU) 2021/535, Annex V, part 2;<br>Annex VIII, part 2                                                                                                            | Vehicle                                                              | D                               |
| 3.11*                       | Inspection of installation and function of parts in various operating and climatic conditions | UN No. 45, cl. 6;<br>Regulation (EU) 1008/2010, Annex III;<br>Regulation (EU) 3/2014, Annex VII, part 2;<br>Regulation (EU) 2021/535, Annex IV, part 2                                                                                                                                                                                           | Vehicle, its wiper and washer systems                                | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                                                                                                                       | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                 | Tested subject           | Degrees of freedom <sup>3</sup> |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------|
| 3.12*                       | Measurement of field of vision, including camera and detection systems                                                                                                             | UN No. 125, cl. 5, 6, Annex 3, 4;<br>ZM-A/10.30, cl. 4 to 7;<br>UN No. 46, part II, cl. 15, 16, Annex 8;<br>UN No. 81, part II, cl. 16;<br>Regulation (EU) 2015/208, Annex IX;<br>Regulation (EU) 3/2014, Annex X;<br>UN No. 158, part II, cl. 15, 16 Annex 8 to 10;<br>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;<br>Regulation (EU) 672/2010, Annex II;<br>UN No. 122, Part I, cl.5, Annex 7;<br>Regulation (EU) 3/2014, Annex VII, part 3;<br>Regulation (EU) 2021/535, Annex VI, part 2;<br>Regulation (EU) 2015/208, Annex XVII                                                           | Vehicle                  | D                               |
| 3.14                        | Static strength test                                                                                                                                                               | UN No. 11, cl. 5 to 7, Annex 3, 5, 6;<br>FMVSS 571.206, cl. 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;<br>FMVSS 571.203, cl. S5                                                                                                                                                                                                                                         | Vehicle steering control | 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;<br>UN No. 16, cl. 6.1.2, 8, Annex 15, 16, 18;<br>Regulation (EU) 3/2014, Annex XII, part 1, 2;<br>Regulation (EU) 1322/2014, Annex XVIII, cl. 3;<br>ISO 3776-2, cl. 3;<br>UN No. 145, cl. 6, Annex 3 to 7;<br>FMVSS 571.210, cl. 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;<br>UN No. 80, cl. 5 to 7, App. 2, 5, 6, Annex 4;<br>UN No. 25, cl. 7, Annex 3 to 7;<br>Regulation (EU) 3/2014, Annex XIII, p. 1;<br>Regulation (EU) 2015/208, Annex XIII, part 3;<br>FMVSS 571.202, cl. S4, S5;<br>FMVSS 571.207, cl. 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;<br>Regulation (EU) 3/2014, Annex XVII, part 1, cl. 2;<br>Regulation (EU) 2015/208, Annex XIII, part 2, 5;<br>FMVSS 571.201, cl. S5                                                                                                                              | Vehicle interior         | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                                                                                                                     | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                                                               | Tested subject                                | Degrees of freedom <sup>3</sup> |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|
| 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;<br>Regulation (EU) 3/2014, Annex XII, part 3;<br>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;<br>EP 83 900.90                                                                                                                                                                                                                                                                                                                                        | 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;<br>UN No. 81, part I, cl. 6 to 8, Annex 5, 6;<br>UN No. 158, part I, cl. 6, Annex 6, 7;<br>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, Annex 5 except cl. 5;<br>Regulation (EU) 2015/208, Annex XXV;<br>Regulation (EU) 44/2014, Annex IX except cl. 3.7;<br>Regulation (EU) 1322/2014, Annex XXVII, cl. 1;<br>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;<br>ČSN EN ISO 14982, cl. 4, 6, Annex A to F;<br>ČSN ISO 13766-1, cl. 4, Annex A to F;<br>ČSN 30 4011, cl. 4;<br>Regulation (EU) 2015/208, Annex XV;<br>Regulation (EU) 44/2014, Annex VII;<br>ČSN EN 55012 ed. 2, cl. 5;<br>OSN No. 97, Annex 9;<br>OSN No. 116, Annex 9;<br>UN No. 161, Annex 7;<br>UN No. 162, Annex 7;<br>UN No. 163, Annex 7 | Vehicle, electronic sub-assembly              | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                                                                                                                                 | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                               | Tested subject                                      | Degrees of freedom <sup>3</sup> |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------|
| 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;<br>ISO 11452-2, cl. 8;<br>ISO 11452-4, cl. 8;<br>ISO 11452-5, cl. 6;<br>ISO 11452-9, cl. 8;<br>ISO 7637-1:1990, cl. 3;<br>ISO 7637-2, cl. 4, 5;<br>ISO 7637-3, cl. 4;<br>ČSN EN 61000-4-2, cl. 8;<br>ISO 10605, cl. 8, 9;<br>ISO 16750-2, cl. 4.6.3 | Electronic sub-assembly                             | D                               |
| 3.27                        | Aging test by solar radiation simulation                                                                                                                                                     | DIN 75220;<br>IEC 60068-2-5                                                                                                                                                                                                                                                       | Vehicle components                                  | D                               |
| 3.28                        | Deployment tests at different temperatures, verification of functionality                                                                                                                    | VW - PV 3545, cl. 5;<br>VW - PV 3546, cl. 5;<br>OSN No. 114, cl. 5, 6;<br>VW - PV 3550, cl. 6                                                                                                                                                                                     | 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;<br>UN No. 73, cl. 3, 12 to 16, Annex 3;<br>UN No. 93, cl. 6, 8, 10, Annex 5;<br>Regulation (EU) 2015/208, Annex XXVI, p. 2;<br>Regulation (EU) 2015/208, Annex XXVII, p. 2                                                                  | Vehicle, vehicle protection equipment               | D                               |
| 3.30                        | Measurement of strength                                                                                                                                                                      | Regulation (EU) 1005/2010, Annex II;<br>Regulation (EU) 2015/208, Annex XXIX;<br>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, cl. S4-S6;<br>FMVSS 571.216, cl. S5-S7;<br>Regulation (EU) 1322/2014, Annex VIII;<br>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;<br>ISO 3853;<br>Regulation (EU) 44/2014, Annex V, cl. 3, 4, 5, App. 1, 2, 3;<br>Regulation (EU) 2015/208, Annex XXXIV, cl. 2, 3, App. 1, 2, 3;<br>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 <sup>1</sup> | Test procedure / method name                                                                                | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                           | Tested subject                  | Degrees of freedom <sup>3</sup> |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|
| 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;<br>UN No. 62, cl. 5, 6, Annex 3;<br>UN No. 116, cl. 5.2, 5.3, Annex 4, Part 1, 2;<br>UN No. 161, cl. 5, Annex 4;<br>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;<br>UN No. 52, cl. 5, Annex 4;<br>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;<br>FMVSS 571.206, cl. 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, 14;<br>UN No. 80, cl. 5 to 7, App. 1, 3, 4, Annex 4;<br>UN No. 126, cl. 6, Annex 3, 4;<br>FMVSS 571.207, cl. S4.3.2.2;<br>ADR 34/2;<br>ISO 27955, cl. 4.2, 4.3, 5.1 to 5.3;<br>EP 84 310.07;<br>EP 84 310.11;<br>EP 84 400.09;<br>EP 84 400.10;<br>LH10164851-09, cl. 2.2.2.1, 2.2.4, 2.2.6, 2.2.7, 2.2.13.2 | Body or part of body with seats | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                                           | Test procedure / method identification <sup>2</sup>                                                                                                                                    | Tested subject                                                       | Degrees of freedom <sup>3</sup> |
|-----------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------|
| 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;<br>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 ;<br>FMVSS 571.201, cl. S5.3                                                                                                                                        | Body with seats and interior                                         | D                               |
| 3.43                        | Dynamic functional and fixing test                                                     | UN No. 67, cl. 17.4.6;<br>UN No. 110, cl. 18.4.4;<br>UN No. 134, cl. 7.2;<br>EN 1789, cl. 5.4;<br>ČSN EN 1846-2+A1, cl. 5.1.2.2.2, 5.1.2.2.3;<br>PESS 238.233;<br>UN No. 100, Annex 9C | Vehicle assembly units                                               | D                               |
| 3.44                        | Dynamic functional and fixing test                                                     | DIN 75 302;<br>ISO/PAS 11154, Annex E                                                                                                                                                  | Luggage carriers                                                     | D                               |
| 3.45                        | Dynamic functional and fixing test                                                     | Regulation (EU) 2017/79, Annex I, cl. 2.3;<br>OSN No. 144, Annex 9                                                                                                                     | eCall equipment                                                      | D                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tested subject                                   | Degrees of freedom <sup>3</sup> |
|-----------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------|
| 3.46*                       | Tests of cybersecurity and software updates | I540 – 133 – 01<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 02<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 03<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 04<br>(UN No. 155, cl.5.1.2);<br>I540 – 133 – 05<br>(UN No. 155, cl.5.1.2);<br>I540 – 133 – 06<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 07<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 08<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 09<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 10<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 11<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 12<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 13<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 14<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 15<br>(UN No. 155, cl. 5.1.2);<br>I540 – 133 – 16<br>(UN No. 155, cl. 5.1.2);<br>UN No. 156, cl. 7.2 | Vehicle,<br>vehicle part<br>with control<br>unit | D                               |
| 3.47*                       | Measuring driver attention and drowsiness   | Regulation (EU) 2021/1341, Annex I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Vehicle                                          | D                               |
| 3.48*                       | Tests of cybersecurity                      | ETSI TS 103 701, Section 5 (ETSI EN 303 645);<br>EN 18031-1, Cl. 6 (2014/53/EU);<br>EN 18031-2, Cl. 6 (2014/53/EU);<br>EN 18031-3, Cl. 6 (2014/53/EU);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Electronic equipment                             | D                               |

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

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<sup>2</sup> 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)

<sup>3</sup> 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. VTP**

**Tests:**

| Ordinal number <sup>1</sup> | Test procedure / method name                                                 | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                                                                      | Tested subject              | Degrees of freedom <sup>3</sup> |
|-----------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------|
| 4.1                         | Measurement of the amount of emitted pollutants on a rolling dynamometer     | Regulation (EU) 692/2008/EC, Annex III to V, VII, X, XI, XIII;<br>UN No. 40, Annex 4, 5, 7;<br>UN No. 47, Annex 4, 5;<br>UN No. 83, Annex 4 to 6, 9, 11 to 14;<br>UN No. 103, cl. 5.2, 5.4, 5.5;<br>UN No. 115, cl. 6.1.2, 6.1.4, 6.2.2, 6.2.4;<br>Regulation (EU) 134/2014, Annex II to IV, VI, VIII;<br>Regulation (EU) 2017/1151, Annex XXI;<br>UN No. 154, cl. 6, Annexes part A,B,C | Vehicle                     | D                               |
| 4.2                         | Measurement of fuel consumption on a rolling dynamometer                     | UN No. 101, Annex 6, 8, 10;<br>Regulation (ES) 692/2008, Annex XII;<br>Regulation (EU) 134/2014, Annex VII;<br>Regulation (EU) 2017/1151, Annex XXI;<br>UN No. 154, cl. 6, Annex part A, B, C                                                                                                                                                                                            | 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                               |

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| Ordinal number <sup>1</sup> | Test procedure / method name                                          | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tested subject    | Degrees of freedom <sup>3</sup> |
|-----------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------|
| 4.4                         | Measurement of the amount of emitted pollutants on engine dynamometer | 97/68/EC, Annex III, IV, VI;<br>UN No. 49, cl. 6, Annex 4A, 4B, 7, 9A;<br>UN No. 96, cl. 5, 6, Annex 4;<br>UN No. 103, cl. 5.2, 5.4;<br>Regulation (EU) 582/2011, Annex III to VIII, X, XI, XIII, XIV;<br>Regulation (EU) 2017/2400, Annex V;<br>Regulation (EU) 2015/96, Annex I, cl. 3, Annex II, cl.3;<br>Regulation (EU) 2017/654, Annex III to VII;<br>UN No. 132, Annex. 5, 6, 7;<br>Regulation (EU) 2016/1628, cl. 24, 25;<br>UN No. 143, Annex 6;<br>Regulation (EU) 2018/985, Annex I | Combustion engine | D                               |
| 4.5                         | Measurement of power curve in full load depending on engine speed     | UN No. 85, Annex 5 and 6;<br>UN No. 120, Annex 4;<br>Regulation (ES) 692/2008, Annex XX;<br>Regulation (EU) 134/2014, Annex X, cl. 2;<br>UN No. 24, Annex 10;<br>Regulation (EU) 2017/1151, Annex XX;<br>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;<br>Regulation (EU) 582/2011, Annex II;<br>Regulation (EU) 2017/655, Annex, App. 2;<br>UN No. 143, Annex 6;<br>UN No. 168, cl. 9, 10, Annex 4 to 11                                                                                                                                                                                                                                                                                                      | 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;<br>Regulation (EU) 2021/535, Annex IX, part 2                                                                                                                                                                                                                                                                                                                                                                                                                | Vehicle           | D                               |

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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)

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<sup>3</sup> 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.

## 5. KTG

### Tests:

| Ordinal number <sup>1</sup> | Test procedure / method name                       | Test procedure / method identification <sup>2</sup>                                                                                                                                                                                                                                                                                              | Tested subject              | Degrees of freedom <sup>3</sup> |
|-----------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------|
| 5.1                         | Tests of strength, optical and climatic properties | ANSI Z 26.1, except tests No. 25, 27;<br>UN No. 43, except Annex 1, 2, 20;<br>GTR No. 6, chap. B, cl. 5, 6;<br>NBR 9491;<br>NBR 9492;<br>NBR 9493;<br>NBR 9494;<br>NBR 9497;<br>NBR 9498;<br>NBR 9499;<br>NBR 9501;<br>NBR 9502;<br>NBR 9503;<br>NBR 9504;<br>Regulation (EU) 3/2014, Annex VII, part 1;<br>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;<br>DIN 75200;<br>OSN No. 118, Annex 6;<br>FMVSS 571.302;<br>VW PV 3904;<br>VW TL 1010;<br>ZM A/10.70<br>(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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<sup>1</sup> asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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)

<sup>3</sup> 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.

## 6. NYM

### Tests:

| Ordinal number <sup>1</sup> | Test procedure / method name                                              | Test procedure / method identification <sup>2</sup>                                     | Tested subject                     | Degrees of freedom <sup>3</sup> |
|-----------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------|---------------------------------|
| 6.1                         | Deployment tests at different temperatures, verification of functionality | VW PV 3545, cl. 5;<br>VW PV 3546, cl. 5;<br>OSN No. 114, cl. 5, 6;<br>VW PV 3550, cl. 6 | Components equipped with an airbag | D                               |
| 6.2                         | Climatic resistance tests                                                 | VW PV 1200, cl. 4                                                                       | Vehicle components                 | D                               |

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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)

<sup>3</sup> 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.

### 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 <sup>1</sup> |
|----------------|-------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>1*</b>      | <b>Construction products acc. to Regulation (EU) No. 305/2011</b> |                                                        |                                                                                                                                       |
| <b>1.1</b>     | Doors, windows, shutters, gates and related finish hardware       |                                                        |                                                                                                                                       |
| 1.1.1          | Doors and gates (with or without                                  | Regulation                                             | ČSN EN 13241+A2                                                                                                                       |



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| Ordinal number | Product / Product group name                                                                                                                                                                                                                                                                                                                                                    | Conformity assessment procedure / module / AVCP system | Basic requirements / harmonized technical specifications: product specifications / characteristics / technical standards <sup>1</sup> |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                | corresponding fittings)<br>(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))<br>(according to Commission Decision No. 1999/93/EC, as amended by 2011/246/EU)                                          | No. 305/2011 system 3                                  |                                                                                                                                       |
| <b>1.2*</b>    | <b>Waste water engineering products</b>                                                                                                                                                                                                                                                                                                                                         |                                                        |                                                                                                                                       |
| 1.2.1          | Equipment for waste water pumping stations and pumping equipment (For all essential characteristics except for reaction to fire)<br>(according to Commission Decision 2015/1959)                                                                                                                                                                                                | Regulation No. 305/2011 system 3                       | ČSN EN 12050-1;<br>ČSN EN 12050-2;<br>ČSN EN 12050-3;<br>ČSN EN 12050-4                                                               |
| 1.2.2          | Septic tanks<br>Kits and elements for wastewater treatment plants and on-site treatment equipment (For all essential characteristics except for reaction to fire)<br>(according to Commission Decision 2015/1959)                                                                                                                                                               | Regulation No. 305/2011 system 3                       | ČSN EN 12566-1 CHANGE A1:2005;<br>ČSN EN 12566-3+A2:2014;<br>ČSN EN 12566-6;<br>ČSN EN 12566-7                                        |
| <b>1.3*</b>    | <b>Tubes, tanks and ancillaries, which are not in contact with water intended for human consumption</b>                                                                                                                                                                                                                                                                         |                                                        |                                                                                                                                       |
| 1.3.1          | Tubes in installations<br>(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)<br>(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
- 2 asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

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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<br>(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<br>Ministry of Transport                                                                                                                                                                    |
| CPR                | Construction Products Regulation (Regulation (EU) No. 305/2011 of the<br>European Parliament and of the Council of 9 March 2011, laying down<br>harmonized conditions for the marketing of construction products and<br>repealing Council Directive 89/106/EEC) |
| Regulation         | Regulation (EU) of the European Parliament and of the Council or<br>Regulation of the European Commission                                                                                                                                                       |
| CFR                | Code of Federal Regulations (USA)                                                                                                                                                                                                                               |
| I540 – 133 – xx    | Internal method of the Testing Laboratory                                                                                                                                                                                                                       |

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*"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself."*