

**The Appendix is an integral part of
Certificate of Accreditation No: 595/2023 of 10/11/2023**

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

IDIADA CZ a.s.
CAB number 1745, IDIADA CZ Test Centre
CTPark Mladá Boleslav - hala B2, Bezděčín 103, 293 01 Mladá Boleslav

The laboratory provides opinions and interprets test results.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1*	Cold test	SOP-IDCZ-01 (ČSN EN 60068-2-1 ed. 2; IEC 60068-2-1; ISO 16750-4, chpt. 5.1; ASTM D4332; ASTM D4169, excl. part G; ASTM D7386)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections, transport containers and systems	-
2*	Dry heat test	SOP-IDCZ-02 (ČSN EN 60068-2-2; IEC 60068-2-2; ISO 16750-4, chpt. 5.1)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections	-
3*	Damp heat test, constant	SOP-IDCZ-03 (ČSN EN 60068-2-67; IEC 60068-2-67; ČSN EN 60068-2-78 ed. 2; IEC 60068-2-78; ISO 16750-4, chpt. 5.1; ASTM D4332; ASTM D4169, excl. part G; ASTM D7386)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections, transport containers and systems	-
4*	Damp heat test, cyclic	SOP-IDCZ-04 (ČSN EN 60068-2-30 ed. 2; IEC 60068-2-30; ČSN EN IEC 60068-2-38 ed. 2; IEC 60068-2-38; PV 1200; PV 2005)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections	-
5*	Change of temperature test	SOP-IDCZ-05 (ČSN EN 60068-2-14 ed. 2; IEC 60068-2-14; ISO 16750-4, chpt. 5.3; UN R100, appendix 9B;	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections, batteries	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
		UN 38.3, cl. 38.3.4.2 (T2); ECE R136, appendix 8B; GB 38031, chpt. 8.1.6; SAE J2464, chpt. 4.4.4)		
6*	Solar simulation test	SOP-IDCZ-06 (ČSN EN IEC 60068-2-5 ed. 2; IEC 60068-2-5; DIN 75220; ČSN EN 20105-A02; ISO 105-A02; ČSN EN ISO 105-A04; ISO 105-A04; ČSN EN ISO 105-A05; ISO 105-A05)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections	-
7*	Salt spray test	SOP-IDCZ-07 (ČSN EN IEC 60068-2-52 ed. 2; IEC 60068-2-52; ČSN EN ISO 9227; PV 1209; PV 1210)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections	-
8*	Vibration test	SOP-IDCZ-08 (ČSN EN 60068-2-6 ed. 2; IEC 60068-2-6; ČSN EN 60068-2-27 ed. 2; IEC 60068-2-27; ČSN EN 60068-2-47 ed. 2; IEC 60068-2-47; ČSN EN 60068-2-53; IEC 60068-2-53; ČSN EN 60068-2-57 ed. 2; IEC 60068-2-57; ČSN EN 60068-2-64 ed. 2; IEC 60068-2-64; ČSN EN 60068-2-80; IEC 60068-2-80; ISO 16750-3, chpt. 4.1 and 4.2; ASTM D999, method A1, B, C;	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections, transport containers and systems, batteries	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
		ASTM D4728; ASTM D4169, excl. part G; ASTM D7386; UN R100, appendix 9A; UN 38.3, chpt. 38.3.4.3 (T3) and cl. 38.3.4.4 (T4); ECE R136, appendix 8A and 8D; SAE J2929, chpt. 4.5; SAE J2464, chpt. 4.3.1; GB 38031, chpt. 8.2.1 and 8.2.2)		
9*	Free fall test	SOP-IDCZ-09 (ASTM D5276; ASTM D4169, excl. part G; ASTM D7386)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections, transport containers and systems	-
10*	Compressive and tensile resistance test	SOP-IDCZ-10 (ASTM D642; ASTM D4169, excl. part G; ASTM D7386)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections, transport containers and systems	-
11*	Vacuum and overpressure test	SOP-IDCZ-11 (ASTM D6653/D6653M; ASTM D4169, excl. part G; ASTM D7386; UN 38.3, chpt. 38.3.4.1 (T1))	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections, transport containers and systems, batteries	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
12*	Impact resistance test	SOP-IDCZ-12 (ASTM D6344; ASTM D4169, excl. part G; ASTM D7386)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections, transport containers and systems	-

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes).

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

Explanatory notes:

ASTM American Society for Testing and Materials

ČSN Czech Technical Standard

DIN German national standard issued by the German Institute for Standardization

ECE Standard issued by Economic Commission for Europe

GB National Standard of the People's Republic of China

IEC Standard issued by International Electrotechnical Commission

ISO International standard issued by International Organization for Standardization

PV Volkswagen Standard

SAE Standard issued by SAE International

SOP Standard operation procedure

UN Standard issued by United Nations