



EA MLA Signatory  
Český institut pro akreditaci, o.p.s.  
Olšanská 54/3, 130 00 Praha 3

issues

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

# CERTIFICATE OF ACCREDITATION

No. 304/2022

**IDIADA CZ a.s.**  
with registered office Pražská třída 320/8, Kukleny, 500 04 Hradec Králové, Company  
Registration No. 25949896

to the Testing Laboratory No. 1745  
IDIADA CZ Test Centre

Scope of accreditation:

Mechanical, functional, vibration and climatic tests 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 Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the 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.: 330/2021 of 16. 6. 2021, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **20. 6. 2027**

Prague: 20. 6. 2022



Lukáš Burda  
Director of the Department  
of Testing and Calibration Laboratories  
Czech Accreditation Institute  
Public Service Company

**The Appendix is an integral part of  
Certificate of Accreditation No. 304/2022 of 20/06/2022**

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

**IDIADA CZ a.s.**  
IDIADA CZ Test Centre  
CTPark Mladá Boleslav – hala B2, Bezděčín 103, 293 01 Mladá Boleslav

*The Laboratory provides expert opinions and interprets test results.*

**Tests:**

Ordinal number <sup>1</sup>	Test procedure/ method name	Test procedure/ method identification <sup>2</sup>	Tested object
1	Cold test	ČSN EN 60068-2-1 ed. 2 IEC 60068-2-1 ed. 6.0 SOP-IDCZ-01 (ČSN EN 60068-2-1 ed. 2)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections
2	Dry heat test	ČSN EN 60068-2-2 IEC 60068-2-2 ed. 5.0 SOP-IDCZ-02 (ČSN EN 60068-2-2)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections
3	Damp heat test, cyclic	ČSN EN 60068-2-30 ed. 2 IEC 60068-2-30 ed. 3.0 ČSN EN 60068-2-38 IEC 60068-2-38 PV 1200 PV 2005 SOP-IDCZ-03 (ČSN EN 60068-2-30 ed. 2 ČSN EN 60068-2-38 ed. 2)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections
4	Damp heat test, constant	ČSN EN 60068-2-67 IEC 60068-2-67 ed. 1.0 ČSN EN 60068-2-78 ed. 2 IEC 60068-2-78 ed. 2.0 SOP-IDCZ-04 (ČSN EN 60068-2-67 ČSN EN 60068-2-78 ed. 2)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections
5	Solar simulation test	ČSN EN 60068-2-5 ed. 2 IEC 60068-2-5 ed. 2 ČSN EN 20105-A02 ISO 105-A02 DIN 75220 SOP-IDCZ-05 (ČSN EN 60068-2-5 DIN 75220)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections



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Ordinal number <sup>1</sup>	Test procedure/ method name	Test procedure/ method identification <sup>2</sup>	Tested object
6	Vibration test – sinusoidal	ČSN EN 60068-2-6 ed. 2 IEC 60068-2-6 ed. 7.0	Mechanical, electrical and electronic components, products and parts
7	Shock test	ČSN EN 60068-2-27 ed. 2 IEC 60068-2-27 ed. 4.0	Mechanical, electrical and electronic components, products and parts
8	Vibration test – time-history and sine-beat method	ČSN EN 60068-2-57 ed. 2 IEC 60068-2-57 ed. 2.0	Mechanical, electrical and electronic components, products and parts
9	Vibration test – broadband random	ČSN EN 60068-2-64 ed. 2 IEC 60068-2-64 ed. 2.0	Mechanical, electrical and electronic components, products and parts
10	Combined climatic and dynamic (vibration/shock) test	ČSN EN 60068-2-53 IEC 60068-2-53 ed. 2.0 SOP-IDCZ-10 (ČSN EN 60068-2-53)	Mechanical, electrical and electronic components, products and parts
11	Change of temperature test	ČSN EN 60068-2-14 ed. 2 IEC 60068-2-14 ed. 6.0 SOP-IDCZ-11 (ČSN EN 60068-2-14 ed. 2)	Mechanical, electrical and electronic components, products and parts
12	Test of immunity	ASTM 4169-16 excl. part G	Shipping containers and systems
13	Change of temperature test	ASTM D4332-14	Shipping containers and systems
14	Resistance test of individual packages	ASTM D7386-16	Shipping containers and systems
15	Free fall test	ASTM D5276-19 SOP-IDCZ-15 (ASTM D5276-19)	Shipping containers and systems; mechanical, electrical and electronic components, products and parts



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Ordinal number <sup>1</sup>	Test procedure/ method name	Test procedure/ method identification <sup>2</sup>	Tested object
16	Compressive and tensile resistance test	ASTM D642-15 SOP-IDCZ-16 (ASTM D642-15)	Shipping containers and systems; mechanical, electrical and electronic components, products and parts
17	Vibration test	ASTM D999-08 method A1, B, C	Shipping containers and systems
18	Vacuum and gauge pressure test	ASTM D6653/D6653M – 13 SOP-IDCZ-18 (ASTM D6653/D6653M – 13)	Shipping containers and systems; mechanical, electrical and electronic components, products and parts
19	Random vibration test	ASTM D4728-17	Shipping containers and systems
20	Impact resistance test	ASTM D6344-04 SOP-IDCZ-20 (ASTM D6344-04)	Shipping containers and systems; mechanical, electrical and electronic components, products and parts
21	Battery vibration test	UN R100 annex 9A UN 38.3 chapter T3 GB 38031 chapter 8.2.1 ECE R136 annex 8A	Battery
22	Battery thermal test	UN R100 annex 9B UN 38.3 chapter T2 ECE R136 annex 8B GB 38031 chapter 8.1.6 SAE J2464 chapter 4.4.4	Battery
23	Battery impact test	SAE J2929 chapter 4.5 UN 38.3 chapter T4 GB 38031 chapter 8.2.2 SAE J2464 chapter 4.3.1 ECE R136 annex 8D	Battery
24	Battery vacuum test	UN 38.3 chapter T1	Battery



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Ordinal number <sup>1</sup>	Test procedure/ method name	Test procedure/ method identification <sup>2</sup>	Tested object
25	Salt spray test	ČSN EN ISO 9227 PV 1210 PV 1209 SOP-IDCZ-25 (ČSN EN ISO 9227 PV 1210, PV 1209)	Mechanical and electrotechnical parts and assemblies, materials with surface coatings and protections

<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 edition of the specified procedure is used (including any changes)

**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

