

**The Appendix is an integral part of  
Certificate of Accreditation No: 222/2024 of 14/05/2024**

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

**Západočeská univerzita v Plzni**  
CAB number 1090, Faculty of Electrical Engineering, Electrotechnical Laboratory  
Univerzitní 26, 301 00 Plzeň

*The laboratory provides opinions and interpretations of the test results.*

**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	Cold test	ČSN EN 60068-2-1 ed.2	Products, parts, components, materials	-
2	Dry heat test	ČSN EN 60068-2-2	Products, parts, components, materials	-
3	Dump heat, cyclic test	ČSN EN 60068-2-30 ed.2	Products, parts, components, materials	-
4	Change of temperature test	ČSN EN IEC 60068-2-14 ed.3, cl. 8	Products, parts, components, materials	-
5*	Electrostatic discharge test	ČSN EN 61000-4-2 ed.2	Electrical equipment and its parts	-
6*	Radiated, radio-frequency electromagnetic field immunity test	ČSN EN IEC 61000-4-3 ed.4	Electrical equipment and its parts	-
7*	Electrical fast transient/burst immunity test	ČSN EN 61000-4-4 ed.3	Electrical equipment and its parts	-
8*	Surge immunity test	ČSN EN 61000-4-5 ed.3	Electrical equipment and its parts	-
9*	Test of immunity to conducted disturbances, induced by radio-frequency fields	ČSN EN IEC 61000-4-6 ed.5	Electrical equipment and its parts	-
10*	Power frequency magnetic field immunity test	ČSN EN 61000-4-8 ed.2	Electrical equipment and its parts	-
11*	Impulse magnetic field immunity test	ČSN EN 61000-4-9 ed.2	Electrical equipment and its parts	-
12*	Voltage dips, short interruptions and voltage variations immunity tests	ČSN EN IEC 61000-4-11 ed.3	Electrical equipment and its parts	-
13*	Ring wave immunity test	ČSN EN 61000-4-12 ed.3	Electrical equipment and its parts	-
14*	Damped oscillatory wave immunity test	ČSN EN 61000-4-18 ed.2	Electrical equipment and its parts	-
15*	Conducted disturbance measurements	ČSN EN 55016-2-1 ed.3	Electrical equipment and its parts	-
16*	Radiated disturbance and immunity measurements	ČSN EN 55016-2-3 ed.4	Electrical equipment and its parts	-

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<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
17*	EMC test – disturbance measurements	ČSN EN 55011 ed.4; ČSN EN IEC 55014-1 ed.5; ČSN EN 55032 ed.2	Electrical equipment and its parts	-
18*	EMC test – disturbance measurements, immunity tests	ČSN EN 50121-3-1 ed.4; ČSN EN 50121-3-2 ed.4	Rolling stock	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises; the numerical index at the test ordinal number identifies the location carrying out the test

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