

**The Appendix is an integral part of
Certificate of Accreditation No. 348/2022 of 12/07/2022**

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

HELLA AUTOTECHNIK NOVA, s.r.o.

Validation Lighting

Družstevní 338/16, 789 85 Mohelnice

Workplaces:

- | | | |
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| 1. | Mohelnice | Družstevní 338/16, 789 85 Mohelnice |
| 2. | Ostrava | Na Rovince 921, 720 00 Ostrava - Hrabová |

1. **Mohelnice**

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1	Determination of dimensional and form deviations of industrial manufactured products by using a tactile 3D CMM	AD-00510	Headlights, rear lamps, components and other parts
2	Sinusoidal vibration test	ČSN EN 60068-2-6 ed.2 IEC 60068-2-6 ed.7.0	Headlights and rear lamps
3	Broad-band random vibration test	ČSN EN 60068-2-64 ed.2 IEC 60068-2-64 ed.2.0	Headlights and rear lamps
4	Shock test	ČSN EN 60068-2-27 ed.2 IEC 60068-2-27 ed.4.0	Headlights and rear lamps
5	Change of temperature tests a) Na – Rapid change of temperature b) Nb – Change of temperature with specified rate of change	ČSN EN 60068-2-14 ed. 2, p. 7 and 8 IEC 60068-2-14, p. 7 and 8	Headlights and rear lamps and their parts
6	Composite temperature/humidity cyclic test	ČSN EN 60068-2-38 ČSN EN IEC 60068-2-38 ed. 2 IEC 60068-2-38	Headlights and rear lamps and their parts
7	Determination of Vicat softening temperature (VST)	ČSN EN ISO 306 EN ISO 306 ISO 306	Plastic components
8	Determination of density of non-expanded plastics – immersion method	ČSN EN ISO 1183-1, p. 5.1 EN ISO 1183-1, p. 5.1 ISO 1183-1, p. 5.1	Plastic components
9	Measurement of terminal voltage disturbance	ČSN EN 55025 ed.3, p. 6.3, 6.4 EN 55025, p. 6.3, 6.4 CISPR 25, p. 6.3, 6.4	Electrical and electronic components of motor vehicles

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
10	Measurement of radiated disturbances – ALSE method	ČSN EN 55025 ed. 3, p. 6.5 EN 55025, p. 6.5 CISPR 25, p. 6.5	Electrical and electronic components of motor vehicles
11	Radiated electromagnetic field - immunity test	EN ISO 11452-1 EN ISO 11452-2, except p. 8	Electrical and electronic components of motor vehicles
12	Testing of immunity to conducted disturbances, induced by radio-frequency fields	EN ISO 11452-1 EN ISO 11452-4, except p. 6.2	Electrical and electronic components of motor vehicles
13	Immunity test – Electrical fast transient/burst	ISO 7637-2, except p. 4.3 ISO 16750-2, p. 4.6.3 and 4.6.4	Electrical and electronic components of motor vehicles
14	Immunity test – Electrostatic discharge	ČSN EN 61000-4-2 ed. 2 IEC 61000-4-2 ISO 10605	Electrical and electronic components of motor vehicles

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

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2. Ostrava

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1	Reserved		
2	Sinusoidal vibration test	ČSN EN 60068-2-6 ed.2 IEC 60068-2-6 ed.7.0	Headlights and rear lamps
3	Broad-band random vibration test	ČSN EN 60068-2-64 ed.2 IEC 60068-2-64 ed.2.0	Headlights and rear lamps
4	Shock test	ČSN EN 60068-2-27 ed.2 IEC 60068-2-27 ed.4.0	Headlights and rear lamps
5	Change of temperature tests a) Na – Rapid change of temperature, b) Nb – Change of temperature with specified rate of change	ČSN EN 60068-2-14 ed. 2, p. 7 and 8, IEC 60068-2-14, p. 7 and 8	Headlights and rear lamps and their parts
6	Composite temperature/humidity cyclic test	ČSN EN 60068-2-38 ČSN EN IEC 60068-2-38 ed. 2 IEC 60068-2-38	Headlights and rear lamps and their parts

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Explanations:

AD Additional document

ČSN Czech technical standard

EN European standard

ISO International standard published by the International Organization for Standardization

IEC Standard published by the International Electrotechnical Commission

CISPR International standard published by the International Special Committee on Radio Interference

ALSE Absorber lined shielded enclosure