

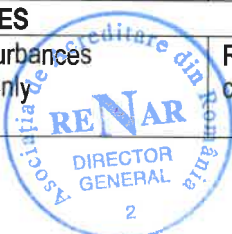
CONTINENTAL AUTOMOTIVE ROMÂNIA SRL

through **Qualification Laboratory Iași**

Iași, 6 Poitiers street, Iași county

A. Tests performed on permanent sites

No.	Activity area / Working technique / Name of the test	Material / product / test object	Reference document
(1)	(2)	(3)	(4)
I	ENVIRONMENTAL TESTING		
A	Temperature tests		
1	Test Nb: Change of temperature with specified rate of change – Temperature cycling	Road vehicles electrical and electronic components	CA 1012456 IEC 60068-2-14:2009, Chapter 8 - Nb
2	Test A: Cold – Low temperature storage test	Road vehicles electrical and electronic components	CA 1012456 IEC 60068-2-1:2007, Ab
3	Test B: Dry heat - High temperature storage test	Road vehicles electrical and electronic components	CA 1012456 IEC 60068-2-2:2007, Bb
4	Rapid changes of temperature with prescribed time of transfer – Temperature shock test	Road vehicles electrical and electronic components	CA 1012456 IEC 60068-2-14:2009, Chapter 7- Na
B	Climatic tests		
5	Damp heat, cyclic without frost - Dew formation	Road vehicles electrical and electronic components	CA 1012456 IEC 60068-2-30:2005, Db
6	Composite temperature and humidity test	Road vehicles electrical and electronic components	CA 1012456 IEC 60068-2-38:2021, Z/AD
7	Damp heat, steady state (damp heat constant)	Road vehicles electrical and electronic components	CA 1012456 IEC 60068-2-78:2012 IEC 60068-2-67:2019
II	MECHANICAL TESTS		
8	Drop test: Test Ec: Free fall	Road vehicles electrical and electronic components	CA 1012458 ISO 16750-3:2012 IEC 60068-2-31:2008, Chapter 5.2
III.	DISTURBING EMISSIONS MEASUREMENTS		
9	Measurement of conducted emissions - Voltage method Max. supply voltage 60V	Road vehicles electronic components/modules	CA 1012487 CISPR25:2021, Chapter 6.3
10	Measurement of conducted emissions– current probe method Max. supply voltage 60V	Road vehicles electronic components/modules	CA 1012449 CISPR25:2021, Chapter 6.4
11	Measurement of radiant emissions – ALSE method Max. supply voltage 60V	Road vehicles electronic components/modules	CA 1012477 CISPR25:2021, Chapter 6.5
12	Measurement of electric transient emissions conducted along supply lines only	Road vehicles electronic components	CA 1012447 ISO 7637-2:2011, Chapter 4.3
IV.	IMMUNITY TO DISTURBANCES		
13	Immunity test for transient disturbances conducted along supply lines only	Road vehicles electronic components	CA 1012451 ISO 7637-2:2011, Chapter 4.4



Annex no. 3 to Accreditation Certificate no. LI 971
Annex no. 3 Issue Date: 14.12.2022

No.	Activity area / Working technique / Name of the test	Material / product / test object	Reference document
14	Immunity test for transient disturbances transmitted by capacitive or inductive coupling via lines other than supply lines	Road vehicles electronic components	CA 1012476 ISO 7637-3:2016
15	Immunity test for electrical disturbances from electrostatic discharge	Road vehicles electronic components	CA 1012475 ISO 10605:2008
V. ELECTRICAL LOADS			
16	Tests for electrical and electronic equipment: - Direct current supply voltage - Overvoltage - Superimposed alternating voltage - Slow decrease and increase of supply voltage - Discontinuities in supply voltage - Reversed voltage - Ground reference and supply offset - Open circuit test - Short circuit protection	Road vehicles electronic components	CA 1012450 ISO 16750-2:2012

End of document

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