



## **Environmental-Declaration-of-Conformity**

**Applicant name:** RideVision Ltd.

**Applicant Address:** GALGALEI HA-PLADA 11 str,POB 13104,HERZLIYA ISRAEL

**Product:** Advanced Rider Assistance System (ARAS) tailored to meet the safety needs of Motorcycles riders.

Model/Type ref. Ride Vision1

This is to certify that the product specified herein has been tested to the Environmental tests below and complaint with the requirements noted below.

## 1 List Of Tests

The table below summarizes the relevant and required tests in order to be qualified to ETSI 300 019-2 and ISO 16750 requirements. The table defines the requirement's validation as follow:

Table -1 list of tests

	Requirement	Standard	Test Description	Result
1.	Low Temp Storage	ISO 16750-4: 2006 Para 5.1.1.1	test according to IEC 60068- 2- 1 cold at a temperature of -40 °C for a duration of 24 h	Pass
2.	Low Temp Operation	ISO 16750-4: 2006 Para 5.1.1.2	Test according to IEC 60068-2-1 cold at a temp. of - 10 °C for a duration of 24 h.	Pass
3.	High Temp Storage	ISO 16750-4: 2006 Para 5.1.2.1	Test according to IEC 60068-2-2 dry heat at a temperature of <b>85</b> °C for a duration of <b>48 h</b> unless otherwise specified in the DUT specification.	Pass
4.	High Temp. Operation	ISO 16750-4: 2006 Para 5.1.2.2	test according to IEC 60068-2-2 dry heat at a temperature of <b>60</b> °C for a duration of <b>96 h</b> .	Pass
5.	Mechanical Shock BUMP Transportation	EN 300 019-2-2 Class 2.3 IEC-68-2-29 Test Eb	100 half-sine mechanical shocks in each direction. Shock amplitude: 10g/11ms or 18g/6ms. Total of 600 shocks.	Pass
6.	Random vibration Test II — Passenger car, gearbox	ISO 16750-3: 2007 Para. 4.1.2.2	This test checks the DUT for malfunctions and breakage caused by vibration. Vibration of the body is random vibration induced by rough-road driving. The main failure to be identified by this test is breakage due to fatigue. Test according to IEC 60068-2-6. The test duration shall be 8h for each plane of the DUT.	Pass
7.	Crash hazard Shock	Mil-Std-810G Method 516.7 Procedure V	2 saw-tooth mechanical shocks of 75g/6ms for ground equipment in each of the 6 directions.	Pass
8.	Free Fall Transportation	EN 300 019-2-2 Class 2.3 IEC 68 2-31 Test Ed	Free fall drop on 6 faces, 3 edges and 4 corners in relation to package weight.	Pass
9.	Drop tests	ISO 16750-3: 2007 Para. 4.3	This test checks the DUT for malfunctions and breakage caused by free fall.	Pass
10.	Corrosion Test	MIL-STD-810G, Method 509.5	Total 96h 24spray/24dry 2 cycles	Pass
11.	Protection from dust and water	ISO 16750-4: 2006 Para 7	IP69K	Pass