

**DECLARATION OF UN TESTS RESULTS**

We, as the manufacturer of the following lithium-ion battery pack type:

- 4S3P UR18650A + PCB – capacity – 6,45 Ah; nominal voltage – 14,4 V; nominal energy 92,9 Wh;
- Assembled for Sonatest Ltd; 242174 SS/MS Battery Pack

hereby confirm that the battery pack has successfully passed the following tests executed in the independent, accredited laboratory, according to the document ST/SG/AC.10/11/Rev.5/Amend.1, UN Manual of Tests and Criteria, Part III, sub-section 38.3 Lithium metal and lithium ion batteries.

No	Test	Test method acc. to	Requirements acc. to	Result
1	T.1 Altitude Simulation	UN Section 38.3 clause 38.3.4.1.2	UN Section 38.3 clause 38.3.4.1.3 No mass loss, no leakage, no venting, no disassembly, no rupture, and no fire. OCV is not less than 90% of its voltage before testing.	passed
2	T.2 Thermal Test	UN Section 38.3 clause 38.3.4.2.2	UN Section 38.3 clause 38.3.4.2.3 No mass loss, no leakage, no venting, no disassembly, no rupture, and no fire. OCV is not less than 90% of its voltage before testing.	passed
3	T.3 Vibration	UN Section 38.3 clause 38.3.4.3.2	UN Section 38.3 clause 38.3.4.3.3 No mass loss, no leakage, no venting, no disassembly, no rupture, and no fire. OCV is not less than 90% of its voltage before testing.	passed
4	T.4 Shock	UN Section 38.3 clause 38.3.4.4.2	UN Section 38.3 clause 38.3.4.4.3 No mass loss, no leakage, no venting, no disassembly, no rupture, and no fire. OCV is not less than 90% of its voltage before testing.	passed
5	T.5 External Short Circuit	UN Section 38.3 clause 38.3.4.5.2	UN Section 38.3 clause 38.3.4.5.3 External temperature should not exceed 170°C. No disassembly, no rupture, and no fire within six hours after this test	passed
6	T.7 Overcharge	UN Section 38.3 clause 38.3.4.7.2	UN Section 38.3 clause 38.3.4.7.3 No disassembly, and no fire within seven days after this test	passed

*Rafał Letmanowski*

