LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

N/A = Not Applicable

1. Name of cell / battery Li- Ion cell 18650

| 2. Manufacturer of cell / battery | | | | |
|-----------------------------------|---|--|--|--|
| Name | Shantou Jinlongjie Electronics Co., LTD | | | |
| Address | F/3, NO.2 Factory, Shatianpian Industrial Park West, Chenghua Industrial District, Chenghai District, Shantou City, China | | | |
| Phone | | | | |
| Email | | | | |
| Website | | | | |

| 3. Test laboratory of cell / battery | | | |
|--------------------------------------|---|--|--|
| Name | Shenzhen LCS Compliance Testing Laboratory Ltd. | | |
| Address | 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue, Bao'an District, Shenzhen, Guangdong, China | | |
| Phone | 0755-82591330 | | |
| Email | webmaster@LCS-cert.com | | |
| Website | www.LCS-cert.com | | |

| 4. ID-number and date | | | | |
|--|-----------------|---------------------|------------|--|
| Unique test report identification number | LCS180503061ASA | Date of test report | 30.05.2018 | |

DESCRIPTION OF CELL / BATTERY

| 5. Mark the type of cell/battery with an "•" | |
|--|-----------------------|
| Lithium ion cell | Lithium metal cell |
| X Lithium ion battery | Lithium metal battery |
| Lithium hybrid battery | |

| 6. Parameters | Cell | Battery |
|---|------|---------|
| Mass in gram (g): | | 41 g |
| Lithium ion: Indicate watt-hour rating (Wh): | | 4,44 |
| Lithium metal: Indicate lithium metal content in gram (g): | | |
| Lithium hybrid: Indicate lithium metal content in gram (g) and watt-hour rating (Wh): | | g Wh |



LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

| Name | of | cell/battery | (taken | from | field | 1) |
|------|----|--------------|--------|------|-------|----|
| | | | | | | |

Li- Ion cell 18650

| 7. Physical description of cell / battery | | | | |
|---|--------------|-------------|------|--|
| full item | | | | |
| | | | | |
| 8. Model numbers | | | | |
| 24447 Aqua Crawler | | | | |
| | | | | |
| | | | | |
| | | | | |
| TECTO AND DECLUTO | | | | |
| TESTS AND RESULTS | | | | |
| 9. List of tests conducted and results - Mark N/A, pass or fail with an "●" | N/A | pass | fail | |
| T1 - Altitude simulation | O | O | 0 | |
| T2 - Thermal Test | 0 | 0 | | |
| T3 - Vibration | 0 | 0 | | |
| T4 - Shock | 0 | | | |
| T5 - External Short Circuit | | | | |
| T6 - Impact / Crush | | | | |
| T7 - Overcharge | | | | |
| T8 - Forced Discharge | | | | |
| for all above | | \otimes | 0 | |
| | | | 0 | |
| | | | | |
| 10. Reference to assembled battery testing requirements | | | | |
| | | | | |
| | | | N/A | |
| | | | | |
| | | | | |
| | | | | |
| 11. Reference to the revised edition of the Manual of Tests and Criteria used and | d to amendme | nts thereto | | |
| | | | | |
| | | | | |



LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

Name of cell/battery (taken from field 1)
Li- Ion cell 18650

ADDITIONAL SUPPLIER INQUIRY

| 12. Quality management system for manufacturing cells / batteries Does the manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations? | X | YES | NO |
|---|------------|-----|---------------|
| | | | |
| 13. Are the following parameters exceeded? Lithium ion cell: more than 20 Wh Lithium ion battery: more than 100 Wh Lithium metal cell: more than 1 g Lithium Lithium metal battery: more than 2 g Lithium Lithium hybrid Battery: more than 1,5 g Lithium and/or more than 10 Wh | \bigcirc | YES | NOX |
| | | | |
| Check point 14 – 16 need to be answered when 13 has been ticked "YES": | | | tain an Zaife |
| 14. Does each cell / battery incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage? | | YES | NO |
| 15. Is each cell / battery equipped with an effective means of preventing external short circuits? | | YES | NO O |
| 16. Is each battery containing cells or series of cells connected in parallel equipped with effective means as necessary to prevent dangerous reverse current flow (e.g. diodes, fuses, etc.)? | | YES | NO |
| | | | |
| 17. Only in air transport: State of Charge (SoC) for UN 3480 Lithium ion cells/batteries and lithium polymer cells/batteries | | | |
| State of Charge (SoC) max. 30 % | 0 | YES | NO O |

CELLS/BATTERIES INSTALLED IN EQUIPMENT

| 18. Check point 18 needs to be answered when the cells / batteries are installed in articles: | | | | |
|--|--|--|-----|------|
| 18.a) Only button cells enclosed? | | | YES | NO X |
| 18.b) Number of enclosed cells (other than button cells)/batteries per equipment | | | | |
| Enclosed cells per equipment Enclosed batteries per equipment 1 | | | 1 | |
| When the equipment is intentionally active/switched on during transport e.g. data loggers: | | | | |
| 18.c) Confirmation that no dangerous amount of heat is emitted from the equipment X N/A YES NO | | | | |
| 18.d) Confirmation that the equipment when transported by air fulfills the defined air transport standards for electromagnetic radiation according to DO-160 | | | | |
| | | | | |

| 19. Place, Date | 20. Title, Surname, First name | 21. Company stamp and signature |
|-------------------|---|--|
| Bünde, 2020.06.09 | Schreiber, Christian Quality Assurance & Product Safty | Revell GmbH Henschelstr. 20-30 32257 Bünde |

Tel.: (+49/0) 5223 965-0

