LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

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

1. Name of cell / batteru

N/A = Not Applicable

| | Polymer lith | ium ion Battery | / 501419PL | | | | |
|--|---------------------------------|---|-----------------------|---|--|---------|---|
| | | | | | Marine Ma | | *************************************** |
| 2. Manufacti | urer of cell / battery | | | | | | |
| Name | Nanyang Huachuai | ng New Energy | Co Ltd | | | | |
| Address | | | | | | | |
| Phone | | | | | | | |
| Email | | | | | | | |
| Website | | | | | | | |
| 3 Tost Jahor | atory of cell / battery | | | | | | |
| Name | | sting Technolo | av Co. Ltd | | | | |
| Address | OHEHZHEH TOT TE | Shenzhen TCT Testing Technology Co. Ltd | | | | | |
| Phone | | | | | | | |
| Email | | | | | | | |
| Website | | | | | | | |
| | | | | | | | |
| 4. ID-numbe | er and date | | | | | | |
| Unique test report identification number TCT180309B0 | |)22 | Date of test report | | 2018.03.16 | | |
| DESCRIPTION | ON OF CELL / BATTER | Υ | | | 25 | | |
| 5. Mark the | type of cell/battery with an | " • " | | • | H | | |
| Lithium ion cell | | | | Lithiu | ım met | al cell | |
| X Lithium ion battery | | | Lithium metal battery | | | | |
| Lithium hybrid battery | | | | *************************************** | | | |
| | | | | | | | |
| 6. Parameters | | | | Cell | | Battery | |
| Mass in gram (g): | | | | | | 3,05 | |
| Lithium ion: Indicate watt-hour rating (Wh): | | | | | | 0,2775 | |
| Lithium meta | ıl: Indicate lithium metal cont | ent in gram (g): | | | | | |
| | | | | | | | |

Lithium hybrid: Indicate lithium metal content in gram (g) and watt-hour rating (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)

Polymer lithium ion Battery

| 7. Physical description of cell / battery | D-2/- (100)/////////////////////////////////// | | | |
|---|---|---|----------|--|
| prismatic | | | | |
| | | | | |
| 8. Model numbers | | AND THE RESIDENCE OF THE PARTY | | |
| 24976, 24977, 24980 Copter Ball | | | | |
| | | | | |
| | | | | |
| | | | | |
| 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 | | 0 | | |
| T2 - Thermal Test | | | | |
| T3 - Vibration | | | | |
| T4 - Shock | | | | |
| T5 - External Short Circuit | | | | |
| T6 - Impact / Crush | | 0 | | |
| T7 - Overcharge | 0 | 0 | 0 | |
| T8 - Forced Discharge | 0 | 0 | 0 | |
| for all above | 0 | \otimes | 0 | |
| | 0 | 0 | 0 | |
| | | | | |
| 10. Reference to assembled battery testing requirements | | | I | |
| | | | | |
| | | | N/A | |
| | | | | |
| | | | <u> </u> | |
| 11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto | | | | |
| The residence of the residence of the Manual of Tests and Officeria used and | . co dinendille | ins 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)

Polymer lithium ion Battery

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 celt: more than 20 Wh Lithium ion battery: more than 100 Wh Lithium metal celt: 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 | | YES | NOX |
| | | | |
| Check point 14 – 16 need to be answered when 13 has been ticked "YES": | | | |
| 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? | 0 | 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.)? | 0 | YES | NO |
| | | | |
| 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 % | | 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 equ | ipment 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 f | om the equipment X N/A | YES NO | | |
| 18.d) Confirmation that the equipment when transported by air air transport standards for electromagnetic radiation acc | | YES NO | | |

| 19. Place, Date | 20. Title, Surname, First name | 21. Company stamp and signature |
|-------------------|--|---------------------------------|
| Bünde, 2020.01.13 | Vieregge Thomas Head of Quality Assurance & Product Safty | Reveil GmbH Henschelstr. 20-30 |

32257 Bünde **Tel.:** (+49/0) 5223 965-0

