

LOGISTIC INFORMATION AND UN 38.3 TEST SUMMARY

in accordance with manual of tests and criteria

7. revised edition, amendment 1, subsection 38.3.5

N/A = Not Applicable

| |
|------------------------------------|
| 1. Name/Description of cell |
| |

| | |
|--------------------------------|--|
| 2. Manufacturer of cell | |
| Name | |
| Address | |
| Phone | |
| Email | |
| Website | |

| | |
|--|--|
| 2a. Manufacturer of the equipment (if the cell is contained in equipment) | |
| Name | |
| Address | |
| Phone | |
| Email | |
| Website | |

| | |
|-----------------------------------|--|
| 3. Test laboratory of cell | |
| Name | |
| Address | |
| Phone | |
| Email | |
| Website | |

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

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Name/Description of cell (taken from field 1)

DESCRIPTION OF CELL

5. Mark the type of cell with an "●"

Note: Single cell batteries (1S1P) are treated as cells, i.e. using this logistic information form is correct.

| | |
|------------------|--------------------|
| Lithium ion cell | Lithium metal cell |
|------------------|--------------------|

6. Parameters

| | |
|---|--|
| Weight of the cell in gram (g) or kilogram (kg) | |
| Lithium ion: Nominal energy in Watt-hours (Wh) or kilo Watt-hours (kWh) | |
| Lithium metal: Lithium metal content in gram (g) or kilogram (kg) | |

7. Physical description of cell

8. Model numbers

TESTS AND RESULTS

| 9. List of tests conducted and results - Mark N/A, pass or fail with an " " " | N/A | pass |
|--|-----|------|
| T1 - Altitude simulation | | |
| T2 - Thermal Test | | |
| T3 - Vibration | | |
| T4 - Shock | | |
| T5 - External Short Circuit | | |
| T6 - Impact - for cylindrical cells having a diameter of at least 18 mm | | |
| T6 - Crush - for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18 mm | | |
| T7 - Overcharge | | |
| T8 - Forced Discharge | | |
| | | |
| | | |

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Name/Description of cell (taken from field 1)

10. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto

ADDITIONAL SUPPLIER INQUIRY

11. Quality management system for manufacturing cells

Does the manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations?

YES

NO

12. Are the following parameters exceeded?

Lithium ion cell: more than 20 Wh
Lithium metal cell: more than 1 g Lithium

YES

NO

Check point 13 – 15 need to be answered when 12 has been ticked "YES":

13. Does each cell incorporate a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage?

YES

NO

14. Is each cell equipped with an effective means of preventing external short circuits?

YES

NO

15. 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.) Not relevant for cells

N/A

CELLS INSTALLED IN EQUIPMENT

16. Check point 16 needs to be answered when the cells are installed in articles:

16.a) Only button cells enclosed?

YES

NO

16.b) Number of enclosed cells (other than button cells) per equipment

When the equipment is intentionally active/switched on during transport e.g. data loggers:

16.c) Confirmation that no dangerous amount of heat is emitted from the equipment

N/A

YES

NO

16.d) Confirmation that the equipment when transported by air fulfills the defined air transport standards for electromagnetic radiation according to DO-160

N/A

YES

NO

17. Place, Date

18. Name and title of the responsible person