

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	
E-Mail	
Website	

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

3. Test laboratory of cell	
Name	
Address	
Phone	
E-Mail	
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/battery with an "●" Note: Single cell batteries (1S1P) are treated as cells, i.e. the logistic information form for cells needs to be used.	
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	
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12. Are the following parameters exceeded? Lithium ion cell: more than 20 Wh Lithium metal cell: more than 1 g Lithium		YES	NO	
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Check point 13 – 15 need to be answered when 12 has been ticked "YES":				
13. Does each cell incorporates 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		
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		

17. Place, Date	18. Name and title of the responsible person

