

# LOGISTIC INFORMATION AND UN 38.3 TEST SUMMARY

in accordance with manual of tests and criteria  
8th revised edition, 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

<b>5. Mark the type of cell with an "●"</b> Note: Single cell batteries (1S1P) are treated as cells, i.e. using this logistic information form is correct.	
Lithium ion cell	Lithium metal cell

<b>6. Parameters</b>	
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)	

<b>7. Physical description of cell</b>

<b>8. Model numbers</b>

## TESTS AND RESULTS

<b>9. List of tests conducted and results</b> - 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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10. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto

## ADDITIONAL SUPPLIER INQUIRY

**11. Quality management program for manufacturing cells**

Does the manufacturer of the cell/battery manufacture the products based on a documented quality management program 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