

LITHIUM CELL TEST SUMMARY AND SUPPLIER INQUIRY

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

| | |
|---------------------------------------------------------|------------|
| <i>Name/Description of cell / model n o. of Product</i> | |
| | e.g. TX-59 |

Manufacturer of cell

| | |
|---------|------------------------------------------------------------------------------------|
| Name | Shenzhen Xinlibao Industrial Co., Ltd. |
| Address | 2nd floor, taiding, Dongpo Industrial Park, Yunfeng Road, Dalang Longhua, Shenzhen |
| Phone | 0086-13424156115 |
| E-Mail | 1493209187@qq.com |
| Website | |

Manufacturer of the equipment (if the cell is contained in equipment)

| | |
|---------|---------------------------------------------------------------|
| Name | Technaxx Deutschland GmbH & Co. KG |
| Address | Kruppstraße 105, 60388 Frankfurt am Main |
| Phone | +49 [69] 90 47552 0 |
| E-Mail | Zentrale@technaxx.de |
| Website | http://www.technaxx.de/ |

Test laboratory of cell

| | |
|---------|----------------------------------------------------------------------------------------------------------------------------------------|
| Name | Shenzhen NCT Testing Technology Co., Ltd |
| Address | 1/F, No. B Building, Mianshang Younger Pioneer Park, Hangcheng Road, Gushu Xixiang Street, Baoan District, Shenzhen, Guangdong, China. |
| Phone | +86-755-27790922 |
| E-Mail | sales@nct-testing.com |
| Website | http://www.nct-testing.cn |

ID-number and date

| | |
|------------------------------------------|-----------------|
| Unique test report identification number | NCT16039476B1-1 |
| Date of test report | Sep.19, 2016 |

DESCRIPTION OF CELL (Mark with an "X")

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

Parameters

| | |
|------------------------------------------------------------|---------|
| Mass in gram (g): | |
| Lithium ion: Indicate watt-hour rating (Wh): | 12.58Wh |
| Lithium metal: Indicate lithium metal content in gram (g): | |

Physical description of cell

| |
|----------------|
| Li-ion Battery |
|----------------|

Model numbers

| |
|----------------|
| 934855 3400mAh |
|----------------|

TESTS AND RESULTS

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

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

Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria (ST/SQ/AG.10/11/Rev.5 Section 38.3/Amend.1 & ST/SQ/AC.10/11/Rev.5 Section 38.3/Amend.2

ADDITIONAL SUPPLIER INQUIRY

| <i>Mark Yes or no with an "X"</i> | <i>Yes</i> | <i>No</i> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| <i>Quality management system for manufacturing cells</i> <i>Does the manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations?</i> | <i>X</i> | |
| <i>Are the following parameters exceeded?</i> <i>Lithium ion cell: more than 20 Wh</i> <i>Lithium metal cell: more than 1 g Lithium</i> | | <i>X</i> |

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

| <i>Mark Yes or no with an "X"</i> | <i>Yes</i> | <i>No</i> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| <i>Does each cell incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage?</i> | <i>X</i> | |
| <i>Is each cell equipped with an effective means of preventing external short circuits?</i> | <i>X</i> | |
| <i>Is each battery containing cells or series of cells connected in parallel equipped with effective means as necessary to prevent dangerous</i> | <i>X</i> | |




| | |
|----------------------------------------------------------------|--|
| reverse | |
| current flow (e.g. diodes, fuses, etc.) Not relevant for cells | |



Only in air transport: State of Charge (SoC) for UN 3480 Lithium ion cells and lithium polymer cells

| | | |
|---------------------------------|--|---|
| State of Charge (SoC) max. 30 % | | X |
|---------------------------------|--|---|

CELLS INSTALLED IN EQUIPMENT

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|------|
| Check point 17 needs to be answered when the cells are installed in articles: Mark N/A, pass or fail with an "X" | N/A | Pass | Fail |
| 17c) Only button cells enclosed? | | | |
| 17b) Number of enclosed cells (other than button cells) per equipment | | | |
| When the equipment is intentionally active/switched on during transport e.g. data loggers: | | | |
| 17c) Confirmation that no dangerous amount of heat is emitted from the equipment | | | |
| 17d) Confirmation that the equipment when transported by air fulfills the defined air transport standards for electromagnetic radiation according to DO-160 | | | |

| | | |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Please mark the correct column with an X | | |
| | X | |
| Single Cell or Battery | Build in Cell/ Battery | Over 100Wh |
|  |  |  |

| | | |
|----------------------|----------------------------|---------------------------------------------------------------------------------------|
| Place, Date | Title, Surname, First Name | Company stamp and Signature |
| Frankfurt 16.12.2019 | Pekcan Pascal |  |
| | |  |