DT-081.1

### LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

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

N/A = Not Applicable

1.	Name of cell / battery	
	Cylindrical Lithium ion Cell	

2. Manufac	turer of cell / battery
Name	Shenzhen Zhuoneng New Energy Corporation Limited
Address	Block A2, A3, A4 (2/3/4 floor), A5, No. 6 Fuping middle road, Pingdi Street, Longgan
Phone	0755-84072583
Email	renzheng@szznp.com
Website	www.szznp.com

3. Test labo	oratory of cell / battery
Name	Pony Testing Group Shenzhen Co.,Ltd.
Address	1/F., Building A2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Communit
Phone	86-755-26050909
Email	cst@ponytest.com
Website	www.ponytest.com

4. ID-number and date			
Unique test report identification number	MLIXWHFB12716721	Date of test report	2017-05-08

### DESCRIPTION OF CELL / BATTERY

Lithium ion cell	Lithium metal cell
Lithium ion battery	Lithium metal battery

6. Parameters	Cell	Battery
Mass in gram (g):	43.5	
Lithium ion: Indicate watt-hour rating (Wh):	8.14	
Lithium metal: Indicate lithium metal content in gram (g):		
Lithium hybrid: Indicate lithium metal content in gram (g) and watt-hour rating (Wh):		g W



## 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)

Cylindrical Lithium ion Cell

7. Physical description of cell / battery			
Blue Cylindrical			
8. Model numbers			
SZNS18650-2200			
SZN310030-2200			
ESTS 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	0	0
T2 - Thermal Test	0	0	0
T3 - Vibration	0	0	0
T4 - Shock	0	0	Q
T5 - External Short Circuit	0	0	Q
T6 - Impact / Crush	0	0	Q
T7 - Overcharge	Q	0	0
T8 - Forced Discharge	0	0	0
	0	2	2
	0	0	U
Lind by the standing consideration			
10. Reference to assembled battery testing requirements			
			N/A
11. Reference to the revised edition of the Manual of Tests and Criteria used a	nd to amendme	ents thereto	
ST/SG/AC.10/11/Rev.6			

# 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)

Cylindrical Lithium ion Cell

#### ADDITIONAL SUPPLIER INQUIRY

Does the manufactu	nt system for manufacturing cells / bat rer of the cell/battery manufacture the p management system according to trans	roducts based or	n a ?	•	YES	NO
Lithium metal hatter	re than 20 Wh	e than 10 Wh		C	YES	NO
Check point 14 – 16 need	to be answered when 13 has been ticked "	YES":				
14. Does each cell / bat to preclude a violen	tery incorporates a safety venting device t rupture under normal conditions of car	e or is designed riage?			YES	NO
15. Is each cell / battery	15. Is each cell / battery equipped with an effective means of preventing external short circuits?				YES	NO (
<b>16.</b> Is each battery cont equipped with effec current flow (e.g. die	aining cells or series of cells connected tive means as necessary to prevent dan odes, fuses, etc.)?	in parallel gerous reverse	N/A		YES	NO
17. Only in air transpor and lithium polyme	rt: State of Charge (SoC) for UN 3480 er cells/batteries	Lithium ion cells	s/batteries			
State of Charge (SoC) r	nax. 30 %				YES	NO (
	INSTALLED IN EQUIPMENT ds to be answered when the cells / ba	tteries are instal	led in articles:		YES	NO (
CONTRACTOR OF THE PARTY OF THE	sed cells (other than button cells)/batte	ries per equipme	nt			
	d cells per equipment		closed batteries p	per equ	uipment	
	s intentionally active/switched on durin	g transport e.g. o	data loggers:			
	no dangerous amount of heat is emitted f				YES	NO
18.d) Confirmation that air transport star	the equipment when transported by air adards for electromagnetic radiation acc	fulfills the define ording to DO-160	N/A		YES	NO
19. Place, Date	20. Title, Surname, First name	2	1. Company stan	np and	signatur	<b>e</b> <sub>P</sub>
Yanchens	Manager, Jack	Tians	南着	页	思想。	

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