## LITHIUM CELL TEST SUMMARY AND SUPPLIER INQUIRY

	Name/Description	of cell						
BT-X35, 26, 31, 35,	37							
	Manufa	cturer of cell						
Name	Dongguang Zhechang Industrial Co.							
Address	No.8 Jiangnan West road Xiagang Industry park Chang An Town Dongguang							
	Guangdong Provice							
Phone	+86 769 85348900							
E-Mail	zecsep@zhechang.com							
Website	www.zhechangcn.com							
	Manufacturer of the equipment	(if the cell is contained	in equipme	ent)				
Name	Dongguang Zhechang Industria	Dongguang Zhechang Industrial Co.						
Address	No.8 Jiangnan West road Xiagang Industry park Chang An Town Dongguang							
	Guangdong Provice							
Phone	+86 769 85348900							
E-Mail	zecsep@zhechang.com							
Website	www.zhechangcn.com							
***************************************	<u> </u>	oratory of cell						
Name	Technaxx Deutschland GmbH & Co	•						
ranic	redinian Beatsonana embir a ee	a Ko						
Address	Kruppstraße 105, 60388 Frankf	0388 Frankfurt am Main						
Phone	+49 [69] 90 47552 0							
E-Mail	Zentrale@technaxx.de	Zentrale@technaxx.de						
Website	http://www.technaxx.de/							
	  D-num	ber and date						
Unique test report identification number LCS181226095								
Date of test report  2019-01-18								
	DESCRIPTION OF O	CELL ( Mark with an"X"	)					
Lithium ion cell	2-20: 11:01:01:	X	,					
Lithium metal cell								
Litinum metar cen	Day	ameters						
Mass in gram (g).	rai	1						
Mass in gram (g):  8.9g								
<b>Lithium ion:</b> Indicate watt-hour rating (Wh):		1.11Wh						
Lithium metal: Indica	ate lithium metal content in gram (g):							
	Physical de	escription of cell						
	Mode	el numbers						
	Wilde	. Hambers						
	TESTS A	IND RESULTS						
List of tests conducte	ed and results		N/A	Pass	Fail			
- Mark N/A, pass or f	fail with an "X"							
T1 - Altitude simulation				Х				
T2 - Thermal Test				X				
T3 – Vibration				X				
T4 – Shock				Х				
T5 - External Short Circuit				X	<u> </u>			
T6 - Impact - for cylindrical cells having a diameter of at least 18 mm				X	<u> </u>			
	atic cells, pouch cells, button cells and cy	lindrical cells		X				
having a diameter of	iess than 18 mm			X	<del>                                     </del>			

T7 – Overcharge

T8 - Forced Discharge					X			
Reference to the revise	d edition of the Manual of To	ests and Crite	ria used	and to an	nendme	nts the		
	ADDITIONAL SUF	PLIER INQUI	RY					
Mark Yes or no with an "X"					No	No		
Quality management system for manufacturing cells				Х				
Does the manufacturer of the cell/ba	_	icts based on	a					
documented quality management sy	stem according to transport	regulations?						
Are the following parameters excee	eded?			Х				
Lithium ion cell: more than 20 Wh								
ithium metal cell: more than 1 g Lit	hium							
Check po	int 13 – 15 need to be answe	red when 12	has beer	n ticked "Y	YES":			
Mark Yes or no with an "X"				Yes	No	No		
Does each cell incorporates a safety	venting device or is designed			Х				
o preclude a violent rupture under	normal conditions of carriage	?						
Is each cell equipped with an effective means of preventing external short circuits?								
s each battery containing cells or se	ries of cells connected in para	allel		X				
equipped with effective means as ne	ecessary to prevent dangerou	s reverse						
current flow (e.g. diodes, fuses, etc.)	Not relevant for cells							
Only in air transport:	State of Charge (SoC) for UN	3480 Lithiun	n ion cells	and lithi	um poly	mer ce		
State of Charge (SoC) max. 30 %				X				
	CELLS INSTALLED	IN EQUIPME	NT					
Check point 17 needs to be answered when the cells are installed in articles: Mark					Pass	Fail		
N/A, pass or fail with an "X"								
17c) Only button cells enclosed?					X			
17b) Number of enclosed cells (othe	r than button cells) per equip	ment						
When the equipment is intentionally	, active/switched on during tr	ansport e.g. (	data logg	ers:				
17c) Confirmation that no dangerous amount of heat is emitted from the equipment					Х			
17d)Confirmation that the equipment when transported by air fulfills the defined air					Х			
ransport standards for electromagn	etic radiation according to DO	D-160						
	х							
Single Cell or Battery Build in Cell/ Battery			(	Over 100\	<b>N</b> h			
LITHIUM - METALL  UN 3090  Einzel Zelle / Batterie	LITHIUM - IONEN  UN 3481  Zelle / Batterie in Ausrüstungen	UN 3481 Selle / Batterie			BATTERIE mit MEHR als 100 Wh			
Place, Date	CEO Technaxx	Sta	amp					
2019-12-18	Pascal Pekcan		GmbH Krupp 60388 Fr	naxx Deutschland mbH & Co. KG Kruppstr. 105 88 Frankfurt a.M. <sub>80069/90</sub> 47 55 2-0 · Fax-16				