## LITHIUM CELLS OR BATTERIES TEST SUMMARY AND CERTIFICATION IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

## BATTERY TRANSPORTION INFORMATION

Name of cell, battery or product manufacture, as applicable:		Cell, battery or product manufacturer's contact information to include address, phone				
Item Name Model name : CR2032 XP X		number, email address and website for more information:				
Normal voltage Rated capacity  220mAh  Item Description  Lithium metal cell / battery		Maxell, Ltd. 5 Takumidai, Ono-Shi, Hyogo, 675-1322 Japan Phone: (+81) 794-63-8054 e-mail: md_tech_support@maxell.co.jp Web: https://www.maxell.co.jp				
Name of the test laboratory to include address, phone number,		Test report identification number:  Date of the test report:				
email address and website for more information		C-1804-1			May 11, 2018	
Maxell, Ltd.  1 Koizumi, Oyamazaki, Oyamazaki-cho, Otokuni-gun, Kyoto, 618-8525 Japan		List of test conducted and results(i.e. Pass/Fail)				
Phone: (+81) 75-956-4148 e-mail: md_tech_support@maxell.co.jp Web: https://www.maxell.co.jp		Test number	Designation	Results		
, , , , , , , , , , , , , , , , , , ,		T-1	Altitude Simulation	Pass		
Description of cell or battery to include at a minimum: Lithium ion or Lithium metal cell or battery Mass; Watt-hour rating, or Lithium content, Physical description of the cell/battery; and Model Number		T-2	Thermal Test	Pass	]	
		T-3	Vibration	Pass	]	
Cell / battery Type : Lithium metal		T-4	Shock	Pass		
Cell or Battery Cell		T-5	External short circuit	Pass		
Lithium content : 0.07g		T-6	Impact / Crush	Pass		
Cell or Battery Weight : 3.0g  Physical description : Coin type		T-7	Overcharge *	Not applicable		
		T-8	Forced Discharge	Pass		
		* Only secondary battery with protection element				
, ,		d edition of the Manual of Tests and endments thereto, if any:		For air transport only: Does the cell or battery comply with the 30% State of Charge?		
Not applicable Revision 6				Not applicable		
PRODUCT CLASSIFICATION FOR TRANSPORT(According to UN-DGP)						
UN Classification,			Proper Shipping Name:			
UN3090		Lithium Metal Batteries				
Signature with name and title of signatory as an indication of the validity information provided.  Hiroyuki Suzuki / Senior Manager, Design Department  Signature  Hiroyuki Suzuki / Senior Manager, Design Department  Signature  Hiroyuki Suzuki / Senior Manager, Design Department  Signature  (+81) 794-63-8054  e-mail: md_tech_support@maxell.co.jp		This document remains valid as long as no changes, modifications or additions are made to the model(s) described in this document, after being transported from a Manufacturer MAXELL, LTD. The model(s) has(have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model(s) must be packaged, labeled and documented according to country and other international regulations for transportation.				
December 1, 2022						