

LITHIUM CELL/BATTERY TEST SUMMARY

IN ACCORDANCE WITH UN MANUAL OF TESTS AND CRITERIA SUB SECTION 38.3.5

SECTION 1: NAME OF CELL/BATTERY	
PRODUCT NAME	Battery for RL6 Life-raft Light
SECTION 2: MANUFACTURER OF CELL/BATTERY	
NAME	DANIAMANT LIMITED
ADDRESS	Unit 3, The Admiral Park, Airport Service Road, Portsmouth, Hants. PO3 5RQ UK
TELEPHONE NO	+44 (0) 23 9267 5100
EMAIL ADDRESS	sales@daniamant.com
WEBSITE	www.daniamant.com
SECTION 3: TEST LAB OF CELL/BATTERY	
NAME	TUV SUD PRODUCT SERVICE LTD
ADDRESS	Octagon House, Concorde Way, Segensworth North, Fareham, PO15 5RL UK
TELEPHONE NO	+44 (0) 1489 558100
EMAIL ADDRESS	info@tuv-sud.co.uk
WEBSITE	www.tuv-sud.co.uk
SECTION 4: TEST REPORT DETAILS	
TEST REPORT NUMBER	75926302
TEST REPORT DATE	April 2014
SECTION 5: DESCRIPTION OF CELL/BATTERY	
BATTERY/CELL TYPE	LITHIUM METAL
BATTERY/CELL MASS	62 Grams
BATTERY/CELL LITHIUM CONTENT	3.60 Grams
BATTERY/CELL PHYSICAL DESCRIPTION	Lithium Iron Disulfide battery comprised of four x AA FR6 cells connected in series
BATTERY/CELL MODEL NUMBER	49-011A, 49-012A, 49-013A, 49-014A, 49-015A, 49-016A, 49-017A, 49-018A, 49-019A, 49-020A

SECTION 6: LIST OF TESTS CONDUCTED AND RESULTS

	N/A	PASS	FAIL
T1 – ALTITUDE SIMULATION		X	
T2 – THERMAL TEST		X	
T3 – VIBRATION		X	
T4 – SHOCK		X	
T5 – EXTERNAL SHORT CIRCUIT		X	
T6 – IMPACT/CRUSH	X		
T7 – OVERCHARGE	X		
T8 – FORCED DISCHARGE	X		
ASSEMBLED BATTERY TESTING REQUIREMENTS	UN 38.3.3 (f)		

SECTION 7: REFERENCE TO THE REVISED EDITION OF THE MANUAL OF TESTS AND CRITERIA

UN ST/SG/AC.10/11/Rev 5/Amend 1. Criteria III, Section 38.3 Dated 2011

SECTION 8: NAME AND TITLE OF SIGNATORY

SIGNATURE	
NAME	Clare Palmer
TITLE	Trade Compliance Manager
DATE	26.05.2020