





<p>PARTIAL TEST REPORT AS/NZS 62368.1 Clause 4.8 Audio/video, information and communication technology equipment Part 1: Safety requirements</p>	
Report Number	C88418849
Date of issue	16/05/2024
Total number of pages	11
Applicant's name	Korjo
Address	441 Auburn Rd Hawthorn VIC 3122
Test specification:	
Standard	AS/NZS 62368.1:2022
Test procedure	LAB-06 T110
Non-standard test method	N/A
Test Report Form No.	AS62368.1_2022 bat
Test Report Form(s) Originator	Comtest Laboratories Pty Ltd
Master TRF	2023-06-22
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General disclaimer:	
<p>The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of Comtest®. Comtest is a registered Trade Mark of Comtest Laboratories Pty Ltd. Comtest is accredited for compliance with ISO/IEC 17025 – Testing by the National Association of Testing Authorities, Australia (NATA). The results of the tests, calibration and/or measurements included in this document are traceable to Australian/National standards.</p>	

Test Item description	Luggage scale	
Trade Mark	Korjo	
Manufacturer.....	Not provided	
Model/Type reference	DLS 83 (with screw)	
Ratings	3V	
Testing procedure and testing location:		
<input checked="" type="checkbox"/> Testing Laboratory	Comtest Laboratories Pty Ltd	
Testing location/ address	Unit 1/570 City Road South Melbourne VIC 3205 Australia	
Tested by (name + signature).....	Gemma Wilson	
Checked & Approved by (name + signature)	Tony Stefanovski	

List of Attachments (including a total number of pages in each attachment):

- Annex 1 Photo documentation 3 pages

Summary of testing:

The has been assessed to AS/NZS 62368.1:2018 Clauses 4.8.3, 4.8.4.2 to 4.8.4.6 and 4.8.5 only, in accordance with the Consumer Goods (Products Containing Button/Coin Batteries) Safety Standard 2020.

Tests were performed within the following environmental conditions.

Temperature: 22 ± 3°C
 Humidity: 10% – 75% RH
 Pressure: 950 hPa – 1050 hPa

Decision rule:

Where the measurand and the measurement uncertainty falls within the non-compliance limits, the result is FAIL or DOES NOT COMPLY.

Where the measurand falls within the non-compliance limits but the measurement uncertainty falls within the compliance limits, the result is FAIL or DOES NOT COMPLY and the measurement uncertainty is reported.

Where the measurand falls within the compliance limits but the measurement uncertainty falls within the non-compliance limits, the result is PASS or COMPLIES and the measurement uncertainty is reported.

Where the measurand and the measurement uncertainty falls within the compliance limits, the result is PASS or COMPLIES.

Measurement Uncertainty is reported at a confidence level of 95% and a coverage factor of k = 2.

Tests performed (name of test and test clause):

4.8.3 Construction
 4.8.4.2 Stress relief test
 4.8.4.3 Battery replacement test
 4.8.4.4 Drop test
 4.8.4.5 Impact test
 4.8.5 Compliance criteria

Testing location:

Comtest Laboratories Pty Ltd
 Unit 1/570 City Road
 South Melbourne
 VIC 3205
 Australia

Summary of compliance with National Differences:

List of countries addressed: None

The product fulfils the requirements of Consumer Goods (Products containing Button/Coin Batteries Safety Standard 2020

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBS that own these marks.



Possible test case verdicts:	
- test case does not apply to the test object.....:	N/A
- test object does meet the requirement.....:	P (Pass)
- test object does not meet the requirement.....:	F (Fail)
Testing:	
Date of receipt of test item	9/05/2024
Date (s) of performance of tests	15/05/2024 to 16/05/2024
General remarks:	
<p>"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.</p>	
Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
When differences exist; they shall be identified in the General product information section.	
Name and address of factory (ies)	N/A
General product information and other remarks:	
Handheld luggage scale powered by button battery	

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Clause	Requirement + Test	Result – Remark	Verdict
4	GENERAL REQUIREMENTS		P
4.8	Equipment containing coin / button cell batteries		P
4.8.3	Construction		P
	- A tool, such as a screwdriver or coin : Minimum torque of 0.5 Nm : Minimum angle of 90 degrees of rotation : or	P P N/A	P
	- The battery compartment door / cover requires the application of a minimum of two independent and simultaneous movements to open by hand		N/A
4.8.4	Tests		P
4.8.4.2	Stress relief test..... :	(See Table 4.8.4.2)	P
4.8.4.3	Battery replacement test :	(See Table 4.8.4.3)	P
4.8.4.4	Drop test :	(See Table 4.8.4.4)	P
4.8.4.5	Impact test :	(See Table 4.8.4.5)	P
4.8.4.6	Crush test :	(See Table 4.8.4.6)	N/A
4.8.5	Battery Accessibility :	(See Table 4.8.5)	P
	Battery door/cover remains functional and;		P
	Battery not accessible or		P
	Battery not removable with test hook		N/A

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Clause	Requirement + Test	Result – Remark	Verdict
4.8.4.2	Table: Stress relief test		P
Part	Material	Oven Temperature (°C)	Comments
Handle with battery	Plastic	70	Battery not accessible
Supplementary information:			

4.8.4.3	Table: Battery replacement test		P
Battery part no. :	CR2032	—	
Battery Installation/withdrawal	Battery removal/ replacement cycle	Linear torque (Nm)	Comments
Unscrew compartment, slide back panel, remove battery	10 times	0.4	Battery not accessible
Supplementary information:			

4.8.4.4	Table: Drop test			P
Impact area	Drop distance	Drop No.	Observations	
Side of compartment	1 m	1	Battery not accessible	
Side of compartment	1 m	2	Battery not accessible	
Top of device	1 m	3	Battery not accessible	
	1 m	4		
	1 m	5		
	1 m	6		
	1 m	7		
	1 m	8		
	1 m	9		
	1 m	10		
Supplementary information:				

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Clause	Requirement + Test	Result – Remark	Verdict
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4.8.4.5	Table: Impact			P
Surface tested	Impacts per surface	Impact energy (J)	Comments	
	1	2	Battery not accessible	
	1	2	Battery not accessible	
	1	2	Battery not accessible	
Supplementary information:				

4.8.4.6	Table: Crush test			N/A
Surface tested	Force (N)	Duration (S)	Comments	
Supplementary information:				

4.8.5	Table: Coin/button cell batteries mechanical test result			P
Surface tested	Test position	Force (N)	Duration (s)	
Compartment door	Vertical	30	10	
Side of door	Vertical	30	10	
Side of door	Vertical	30	10	
Supplementary information:				

Annex 1: Photo documentation



Annex 1: Photo documentation



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