

## TEST REPORT

For **electric tricycle** 

## Model: C-JY150(Other see page 2)

Prepared for:

Shanghai Huanyu Metal Materials Co., Ltd. Room 1994, Building 6, No. 112-118 Gaoyi Road, Baoshan District, Shanghai

Prepared by: RE

: RED Laboratories Inc.

Room 101, Buliding A, ZhengTailai Hi-Tech Innovation Park, No. 221, Gonghe Industrial Road.Xixiang Street, Bao'an District, Shenzhen, China

TEL: +86-0755-23080724

 Report Number:
 RED240625059424ED-BM

 Date of Test:
 Jun. 18, 2024~Jun. 25, 2024

 Date of Issue:
 Jun. 25, 2024

Tested By:

Apploved By RED TESTING

The results detailed in this test report relate only to the specific sample(s) tested. This report is not tobe reproduced except in full, without written approval from RED Testing Technology.

Sophia

Reviewed By:

CL



Page 2 of 16

	TEST REPORT
STANDARD FOR SAFETY Produ	UL 4200A CONTRACTOR OF CONT
Report Number	
Date of issue	
Total number of pages	
Testing laboratory	
Address	:: Room 101, Buliding A, ZhengTailai Hi-Tech Innovation Park, No. 221, Gonghe Industrial Road.Xixiang Street, Bao'an District, Shenzhen, China
Testing location	
Applicant's name	:: Shanghai Huanyu Metal Materials Co., Ltd.
	:: Room 1994, Building 6, No. 112-118 Gaoyi Road, Baoshan District, Shanghai : JIANGSU JINPENG GROUP CO., LTD.
Importer name	
Address	- 수민
Test specification :	
Test specification : Standard	:: N/A
Test specification : Standard Test procedure Test result	:: N/A :: UL 4200A:2023 :: Test report :: Pass
Test specification : Standard Test procedure	:: N/A :: UL 4200A:2023 :: Test report :: Pass
Test specification : Standard Test procedure Test result Non-standard test method	:: N/A :: UL 4200A:2023 :: Test report :: Pass :: N/A :: UL 4200A-2023-V2
Test specification : Standard Test procedure Test result Non-standard test method Test Report Form No	:: N/A :: UL 4200A:2023 :: Test report :: Pass :: N/A :: UL 4200A-2023-V2 :: 2024-04-22
Test specification : Standard Test procedure Test result Non-standard test method Test Report Form No TRF Effective Date	:: N/A :: UL 4200A:2023 :: Test report :: Pass :: N/A :: UL 4200A-2023-V2 :: 2024-04-22
Test specification : Standard Test procedure Test result Non-standard test method Test Report Form No TRF Effective Date Test item description	:: N/A :: UL 4200A:2023 :: Test report :: Pass :: N/A :: UL 4200A-2023-V2 :: 2024-04-22
Test specification : Standard Test procedure Test result Non-standard test method Test Report Form No TRF Effective Date Test item description Trade Mark	:: N/A :: UL 4200A:2023 :: Test report :: Pass :: N/A :: UL 4200A-2023-V2 :: UL 4200A-2023-V2 :: 2024-04-22 :: electric tricycle :: N/A :: N/A

Hot line: 0755-23080724

Tel:0755-23080724

		+																				
REL	TESTING	SEP .						Pa	ige 3	of 16			R	eport	No.:	RED2	2406	2505	9424	ED-B	M	
List	of Attac	hmen	nts (ii	ncluo	ding a	a tota	al nu				in e	ach	attac	hmer	nt):	PER	2FP	P	REP	REP	REP	
	hment		Ó.						REP	PER					REP							
REP. P	EP PER	2EP	PER	PER	PER	REP	DER	PER	REP	PER	REP	DER	REP	PER	REP	PER	DER	PER	REP	REP	REP	
Sum	nary of	f testii	ng:	PER	REP	REF	DED	PER	REP	PER	REP	DER	REP	PER	REE	PER	DED	PER	REFE	REFE	REP	
electr	ic tricyc	le test	ed ar	nd ful	filled t	the te	st sp	pecifi	catior	IS.PEP												
The to	ested m	iodel w	vas c	ompl	ied wi	th the	e tes	t star	ndard	UL 42	200A	DER										
<u></u>	i i	(Å	<u></u>	<u></u>	ED	Ŕ	<u>e</u>	<u>e</u>	<u>e</u>	EP	Ŕ	<u>Ø</u>	Ŕ	<u>e</u>	Ê	Ø	<u>Ø</u>	<u>e</u>	<u> </u>	Ŕ	Ŕ	
Facto	ory: GSU JII		GGF		- <b>c</b> o.	. ETC																
TO TI	HE EAS	ST OF	TUN	ISHI				OF -	TUNC	QING	ROA	D, X	UZHO		IDUS <sup>-</sup>	TRIA	L					
REF. P		10,0	REP	PER	REP	REP	2EP	REP	REP	PER	REP	DER	REP	REP	REP	REP	2EP	PER	REP	REP	REP	]
Test i	tem pa	rticula	ars:	PER	PER	REP	2ED	PER	REP	PER	RER	2F.D.	REP	RER	RER	RER	DER	REP	REP	PER	RER	
Equip	ment m	obility	A.			A.	ø	- AFP	REP	Port	table	2FR	REP	REP	REP	REP	<b>JER</b>	REP	REP	REP	PER	1
Opera	ting co	ndition	ı					· ø	d.	Con	itinuo	us	, Ø	Ŕ	, Ø	æ	de.	, de	, d	, A	Ŕ	
	ble tes																					
Test c	ase do	es not	appl	ly to t	he te	st obj	ect	2	P.	N/A												
	bject d									P(as												
Test o	bject d	oes no	ot me	et the	e requ	uirem	ent			F(ai	I)	2File	REFE	REFE	REFE	PER	2 File	REFE	REF	REF	REF	
Testir	<b>ig:</b> 🎺																					
																						I
Date o	of receip	ot of te	est ite	em						Jun.	. 18, :	2024	REP									
	of receil s) of pe													. 25,	2024	REP		PER	PEP.	PER	REP	
Date(s	12 - T2 -	rforma												. 25, 2	2024	P <sup>EE</sup>	200	REE REE REE	P <sup>EE</sup>	P <sup>EE</sup>	REE REE	
Date(s Genei	s) of pe	rforma <b>arks:</b>	ance	of tes	sts	R	2	121 	R.	Jun.	. 18, 2	2024	-Jun	P.	P.	testir	ng la	borat	ory.	PER PER PER	REE REE	
Date(s <b>Gene</b> i This re The te	s) of pe ral rem eport sh est resu	rforma <b>arks:</b> nall no Its pre	t be i	of tes repro ed in	duced	d, exc	cept rela	in ful	I, with	Jun. nout the	. 18, : he wr oject	2024 itten	Jun appr	P.	P.	testir	ng la	borat	ory.	PEE	REF REF	
Date(s Gener This re The te	s) of pe ral rem eport sh est resu remark	rforma arks: nall no Its pre #)" ref	t be i sente	of tes repro ed in to a re	duced this re	d, exc eport c app	cept rela ende	in ful ite on ed to	I, with ly to the re	Jun. nout th the ok eport.	. 18, : he wr oject	2024 itten	Jun appr	P.	P.	testir	ng la	borat	ory.	Parti Parti Parti Parti		
Date(s Gener This re The te "(see s	s) of pe ral rem eport sh est resu remark append	rforma arks: nall no lts pre #)" ref ed tab	t be i sente fers t ple)" i	of tes repro ed in to a re refers	duced this re emark s to a	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.	testir	ng la	borat	Professional Control of the second se	Partie Partie Partie Partie	Refer Refer Refer Refer	
Date(s Gener This re The te "(see r "(see r Throu	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.	testir	ng la	borat	ory.	REE PRE REE REE REE		
Date(s Gener This re The te "(see r "(see r Throu	s) of pe ral rem eport sh est resu remark append	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.			borat P		Parti Parti Parti Parti Parti Parti Parti		
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.			Dorat		Refer Refer Refer Refer Refer Refer Refer Refer		
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.					REE REE REE REE REE REE		
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.					Part Part Part Part Part Part Part Part		
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.							
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.					References		
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.					Part Part Part Part Part Part Part Part		
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.					Real Real Real Real Real Real Real Real		
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.					Part Part Part Part Part Part Part Part		
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.							
Date(s Gener This re The te "(see t "(see t Through Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.					Part Part Part Part Part Part Part Part		
Date(s Gener This re The te "(see "(see Throu	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre #)" rel ed tab his rep	t be i sente fers t ble)" i port a	of tes repro ed in to a re refers a poin	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with Ily to the re ed to t	Jun. nout th the ok eport. the re	. 18, 2 he wr pject	2024 itten	Jun appr	P.	P.					Part Part Part Part Part Part Part Part		
Date(s Gener This re "(see i Throu Gener	s) of pe ral rem eport sh est resu remark append ghout th	rforma arks: nall no lts pre ed tab his rep luct in	t be i sente fers t port a ofform	of tes repro ed in to a refers a poin nation a a a a a a a a a a a a a a a a a a a	duced this re emark s to a t is us	d, exc eport c app table	cept rela ende app	in ful ite on ed to pende	I, with aly to the re- ed to t simal si all all all all all all all all all al	Jun. nout th the ok eport. the re	. 18, 2 he wr oject ator. ator. ator.	2024	Jun appr	P.	P.				Partie Pa	Part Part Part Part Part Part Part Part		

Add: Room 101, Buliding A, ZhengTailai Hi-Tech Innovation Park, No. 221, Gonghe Industrial Road.Xixiang Street,

×.	2 <sup>FP</sup>	2EP	DER																				
	ED TEST	TING							Pa	ge 4	of 16				Repo	ort No	: RE	D24	0625	05942	24ED-	-BM	
Cor	ov of	mar	kina	plate	es:	RER	REC	2 C	REP	2	2	R	240	R	2	R	RE	2	R	2	RER	R	2
ED	PER	PER	SEP.	PER	REP																		2
	Pro	duct	Mar	king:								Pack	ing N	/larki	ngs:								IN.
	4	Ś	xà	1P			PER	Pro	duct	conta	ins re	place	able	batte	eries	for co	nsun	ner	REFE	REE	REF		5
	4			P			REF					REP									REP		1
				P			aff	Pro	duct:	elect	ric tric	cycle									REFE		5
							AFF	Mo	del N	o : C-	JY15	0 📣									OF.C.		
	6			2							JIAN		JINI	PENC	GR	OUP	со.,	LTD	· .		CEP.		
	ne.	74.	Ó	Te .			Res				THE						, WE	ST C	DF 🖉		R		
							2				DAD, X SU,Cł		100	INDU	ISIR	IAL					P. S.		
							PEL	2 FP	REFE	REP	PER	PER	2FP2	REP	REFE	REFE	REP	affe	REP	REF	REP		here.
																							107.1
									PER	Packi	ing Ma	arking	js:										
	REP								A 14												PER		
	OFF.							_	HA V	VAI	RNI	INC	,								2 FP		
	<b>SEP</b>										ains a	butto	n cel	l or co	oin ba	ttery.			Λ		<b>AFF</b>		
	ALL I									f inges	sted. n caus	se Inte	ernal	Che	mical						- ED		
	- Tar		Burr	ns in a	as little	e as 2	hou	rs.		89									•	7	, ,		
	REP										EACH attery							e	+-	2	REP		
	REP		swal	lowed	or ins	serted	insi	de an	iy par	t of th	le bod	у.	82								PER		
		PER	DER	PER	PEP	REP	PER	2EP	REP	REP	PER	PER	2FP	REP	REP	REP	PER	DER	PER	REP	REP		
Not	an FR																						

The Packaging Markings icon shall be at least 7 mm in width and 9 mm in height.
 The all signal word "WARNING" must be at least 0.2 in (5 mm) high. The remainder of the text must be in characters whose upper case must be at least 0.1 in (2.5 mm), except where otherwise specified.

Hot line: 0755-23080724

Tel:0755-23080724



	PEP 2	🖗 🛷 🛷 🎻 🖉 🔗 UL 4200A:2023 🖉 🤞	aff	REP	REP	REP	DEP	REP	REP	AFP .	DER
Clause	a de	Requirement + Test	Por	e ult 🔅 i	Rema	rk 🖉	S.	- Q	No	erdict	<i>i</i>
	- 12 - 2 - 12 - 12 - 12 - 12 - 12 - 12 -						24	R.	PV C		P O
			2	2	P	Provide State	2	P.	<u> </u>	<u> </u>	2
NIR	UDU		REFE	PEL	REF	PEL	2FH	REF	PEL	REF	F2FFF
1 REP	PER 2		REP	REP	REP	PER	2EP	REP	REP	Part	E.F.P.
2	AFP 1	Units of Measurement	EP	OFP.	OFP.	<b>AFR</b>	EP	OFP.	<b>DER</b>	P	ED.
3	-	Undated References				Ŕ		, de	- P	P	(Å
4	ye z	Glossary	d.	- Ter	Te.	Je.	, C	Ter.	Te.	P	R <sup>a</sup>
CONS	STRU	JCTION	R	R	R	R	2	R	R	R	?
5	PP 2	Products with Button/Coin Cell Batteries	REP	RE	P	RP	2 P	P	RP	P	PER
5.1	- A	Products that use button/coin cell batteries shall be	Dre	, du ot	s that			ar 🖉	, D	P	Q
J.		designed to minimize the risk of children removing	1		or re				R		R
		and ingesting or aspirating the batteries. Products	but	ton/c	oin ce	ells			REF		PEL
		that allow user removal or replacement of button/coin cells shall comply with the requirements	DEP						PER		FREE
		of 5.2 – 5.6. Products with button/coin cells that are	EP						DED		<b>DED</b>
		not intended to allow user removal/replacement of the cells shall comply with 5.7.	10						- P		(C)
5.2	121 2 A	To reduce the likelihood of unintentional access,	22 69	Part Part	R	R	21º	P	R		C C
J.Z		products with removable or replaceable button/coin	,Ó.						12" ()	- <b>T</b> ₹ <sup>2</sup> ·	(2**
		cell batteries shall not allow the button/coin cell to be	2 F.F.						R		PP-
		contacted by Test Probe 11 of the Standard for Protection of Persons and Equipment by Enclosures	DEP						REP		PER
		- Probes for Verification, IEC 61032 when applied	DEP						RED		RED
ò	Ó	as described in 5.3.	Ó	Ó	, jo	Ò	Ò	Ó	Ò	, O	ED
5.3		The probe shall be applied to any depth that the opening will permit and shall be rotated or angled	,Ó						, d	P	, Q
		before, during, and after insertion through the							R		P2
		opening to any position that is necessary to examine	DEF						REL		REL
		the enclosure. The probe shall be used as a measuring instrument to judge the accessibility	Ó						- EP		E.
		provided by an opening, and not as an instrument to	2 <sup>1</sup>						R		ar Ó
		judge the strength of a material. The probe shall be applied with the minimum force necessary to	2 <sup>EEE</sup>						PER		P. C.
		determine accessibility.	DEP						REP		PER
5.4	PEP 2	During the examination of a product to determine	DEP	REP	REP	RED	DER	REP	REP	R	RED
		whether it complies with the requirements in 5.3, a	ED.						ED		ED
		part of the enclosure that may be opened or removed by the user, either without using a tool or	ED						DED		ED
		with less effort than two independent and	D.						N.		, in the second
		simultaneous movements by hand, is to be opened or removed.	2						R		72×
5.4A	REL	If a part of the battery compartment enclosure is	et!	REL	REF	REL	2 Chi	REP	REL	N/A	PEL
5.4A		protected by pliable material such as fabric, paper,	DEP						RED		PER
		foam, or vinyl, or a pliable material with a seam,	ED						DEP		ED
		apply the Tension Test for Seams in Stuffed Toys	æ						di.		0
		and Beanbag-Type Toys test in the Standard Consumer Safety Specification for Toy Safety,	2						R		F2
		ASTM F963, to determine whether the battery	DEL						REL		PEL
		compartment enclosure can become exposed or accessible, using a force of at least 70.0 N (15.7 lbf).	~						ò		ò

Tel:0755-23080724



Report No.: RED240625059424ED-BM	Report	No.: RED2	406250594	124ED-BM
----------------------------------	--------	-----------	-----------	----------

121 121	2 6 6 6 6 UL 4200A:2023	R	R	R	R	21	121	P	12	121	
Clause	Requirement + Test 🤌 🛷 🥠 🥠 🥔	Re	sult -	Rema	ark	2EP	REP	<sub>∕</sub> √€	erdict	PER	
PER PER		REF	REL	REL	PEL	affle	PEL	PEL	REF	PEL	
	If a new part of the battery compartment enclosure	DEP.						<b>AFR</b>		(F)	
	becomes exposed or accessible, repeat 5.4 and remove any further pliable material that is then	,Ó.						,Ó,		0	
	exposed until no new part of the battery	124						R		P	
	compartment enclosure becomes exposed or	2EP						PER		PER	
Å.	accessible, and then conduct the test in 5.3.	Ŕ	<u>, </u>	Ó	Ŕ	Ŕ	Ŕ	Ó	Ó	ED	
5.5	Products that locate removable or replaceable	a)						, ci	P	Ó	
	button/coin cell batteries inside a battery compartment shall be designed to prevent children	2						R		P	
	from removing the battery by one of the following	DEP.						REP		PER	
	methods in (a) or (b) below. Compliance is checked	ó						ò		1	
	by the tests of Section 6.	-DEF						PE		PER	
	a) A tool, such as a screwdriver or monetary coin, is required to open the battery compartment. For	DEC						REP		THE	
	a battery compartment secured by a screw or a	EP						EP		E	
	twist-on access cover, a minimum torque of 0.5	, C						-74×		Ter.	
	Nm and a minimum angle of 90 degrees of rotation shall be required to open the	25						REFE		P	
	compartment or the fastener shall engage a	DER						PER		PER	
	minimum of two full threads; or 🔗 🧹 🎻	DER						PER		PER	
	b) The battery compartment door or cover	EP						EP		E	
	requires the application of a minimum of two independent and simultaneous movements to	,Ó.						Je . Ó.		0	
	open by hand. The movements to open shall not	- Der						R		P	
	be combinable to a single movement with a single	DER						PER		PER	
	finger or digit.	10	20	200	2P	200	RE	2.	<u>A</u>	TEP.	
5.6	If screws or similar fasteners are used to secure the door or cover providing access to a battery	<i>i</i>						ø	P	0	
	compartment, the fasteners shall be captive to the							R		P. Martin	
REF. REF.	🔋 door, cover, or device. 💉 🎻 🎻 🧖 🧖	-DEP	REF	REFE	REF	DEF	REF	REF	REFE	PEL	
à à	Exception No. 1: Applies to products containing	Ó	<i>i</i>	æ	æ	Ŕ	Ŕ	, de	N/A	Ó	
	button batteries or coin cell batteries not intended to	12 M						R		To the	
	be replaced by the consumer. Products containing button batteries or coin cell batteries that can only	2FL						REFE		PEL	
	be accessed through the removal of multiple	DER						REP		PER	
	enclosures or panels using a tool do not need captive screws. Such products shall have	EQ.						EP		E	
	instructions and warnings that clearly state the	1212						7210		Tel P	
RE RE	battery is not to be replaced by the consumer.	DEL.	PER	REL	REF	2Et	REFE	REL	REL	PE	
R R	Exception No. 2: Applies to products containing	12	P	P	P	2	PER	P	N/A	PE	
	batteries not intended to be replaced by the 🥔 🖉	DER						PER		TER	
	consumer. Products that are only to be opened by a professional service center (where children are not	EP						EP		E	
	present) are not required to have secured screws.	- 14×						72.0		Ter.	
	Such products shall have instructions and warnings	2 Str						REF		P	
	that clearly state the battery is not to be replaced by the consumer.	DER						PER		PER	
5 7		EF	OFF.	ALL I	OFF	<b>JEP</b>	OFF	OFF!	N/A	(F)	
5.7	Products that incorporate button/coin cells that are not intended for user removal or replacement shall	,Ó.						1ª"	IN/A	Nº.	
	effectively prevent removal of the battery by the user	125 M						REFE		P	
	or children. The button/coin cell shall be:	ó						Ó			

Page 6 of 16

Hot line: 0755-23080724

Tel:0755-23080724



		📝 🛷 🛷 🧬 🧭 🖉 🛷 UL 4200A:2023									DEP	
Claus	se	Requirement + Test 🖉 🧬 🛷 🧬	Res	sult <sup>2</sup>	Rema	ark 🔗	<b>JEP</b>	- FP	Ve	erdict	- FP	
AFP.	AF.		OFP.	AFP.	AFP.	AFP.	EP	SEP.	AFP.	OFP.	J EP	
Nº.	14.	a) Made inaccessible by an enclosure or similar	Ó	Nº.	Nº.	12.	Ó	N <sup>2</sup>	Ó	Nº.		
		means that passes the applicable tests of 6.2 and	PER						RE		PER	
		6.3; or a a a a a a a a	DEP.						OFP.		ER	
		b) Held fully captive by the use of soldering,	Ó						Ó		Ó	
		fasteners such as rivets, or equivalent means. The	2EF						REAL		P	
		securement method shall pass the Secureness Test of 6.4.	DEP						RED		DED	
			EP	EP		E	E	E	- EP		- EP	
		Protection from Ingestion or Aspiration of Button		n Co	II Rat	torio	21% C 😥	Part .	PIN	P.A	Ter .	
P	R	e les les les les les les les les les es				leite	326	R	RE	R	TOPE	
.1	6	General	Ó	Ó	Ó	Ó	Ò	Ó	Ó	P	- CP	
.1.1		Products shall not present a risk of unintentional	421	121×	121	1/21	21	1210	121%	Ρ	7.2 ×	
		access by children to button/coin cells. Button/coin cell batteries shall not be accessible or liberated	PEP						REP		PER	
		from the product as a result of mechanical abuse	10						- P		EQ.	
122		tests in applicable safety standards for the product,	422	121	121	121	2	1200	121	P	72 m	
		and products with button/coin cells shall comply with	DEC						REL		PER	
		the tests in $6.2 - 6.4$ .	ED						EP		ED	
.20	ALL ALL	Pre-conditioning	EP	EP	OFP.	EP	EP	ALC:	EP	P	EP	
.2.1	, c	One test sample shall be subjected to the following	Tes	st as	requi	red.	,Ó.	, ci.	,Ó.	P	<u>,</u>	
P		pre-conditioning conditions in sequence prior to	12	P	P	P			RE	P	P	
		testing in 6.3 and 6.4, as applicable:	DEP						OFP.		EP	
		a) Stress Relief Test – A product with an	Ó						Ó		à	
		enclosure, battery compartment door/cover or	2 F						P		P	
		battery compartment door/cover opening	DEP						SEP.		ED	
		mechanism made of molded or formed thermoplastic materials shall be subjected to a	Ó						Ó		Ó	
		stress relief test. A sample of the complete	P.C.						REF		PER	
		product is to be placed in a circulating air oven for	<b>DED</b>						OFP.		ED	
		a period of 7 h. The oven temperature is to be set							,		,	
		to the higher of (1) or (2) below. After removal	DEP.						OFP.		EP	
		from the oven, the sample is permitted to cool to	Ó						Ó		Ó	
			2 CP						REF		PER	
		1) 70°C (158°F); or	DEP.						OFP.		<b>BER</b>	
		2) 10°C (18°F) higher than the maximum	Ó						r-		Ö	
		temperature of thermoplastic enclosures, battery compartment door/covers, or battery	AD CP						REA		PER	
		<ul> <li>compartment door/cover mechanisms during</li> </ul>	FP						DEP		OFF.	
		the most stringent normal operation of the	EP.						EP		EP	
		device.	- 10 V						7217		1420	
		b) Battery Replacement Test – The battery	2FP						REL		PER	
		compartment door/cover shall be opened and	EP						EP		EP	
		closed, and the battery removed and replaced, for							74.0		Ver di	
		a total of ten cycles. The process shall simulate	DEL						REF		PER	
		replacement according to the manufacturer's instructions. If the battery compartment is secured	ED.						- (P		ED.	
		with a screw (s), the screw (s) is to be loosened	121						121		To an	
		and then tightened by means of a suitable	DEP						PER		PER	
		screwdriver, applying a continuous linear torque	de.						de.		D.	
									2		A Martin	
		according to the Torque to be Applied to Screws table, Table 20, of the Standard for Audio, Video										

r

Q

Hot line: 0755-23080724

Tel:0755-23080724



RED TESTING	🖗 🎺 🎺 🎺 🖋 Page 8 of 16 🖗 🖋 🖋	Report No.: RED240625059	424ED-BM 🥔 🖉
REF REF 3	🖗 🍻 🎺 🎺 🖗 🖗 UL 4200A:2023	per all all all all all	PER PER DE DE
Clause 🤌 🧯	Requirement + Test 🖉 💉 🦽 🎻 🎻	Result - Remark 🖉 🎤 🦽	Verdict 🧬 🖌
AFF AFF 3			all all all all
PER PER	and Similar Electronic Apparatus – Safety Requirements, UL 60065.		AND AND AND AND
5.3 <sup>6</sup> 🕫 !	Abuse tests 🌮 🧬 📽 🧬 🛷 🛷 💅		PER REF PER
6.3.1 🛷 🛛		AP AP AP AP AP AP	P P P 1
.3.1.1 🛷 💡	The tests in 6.3.2 – 6.3.4 shall be performed 🥖 🎺		P P 1
	sequentially, as applicable, on one pre-conditioned sample of the product. After all test conditions have		
	been completed, compliance is checked by 6.3.5.	ja ja ja ja ja ja	
.3.2	Drop test for portable devices and hand-held proc	ducts	P P
.3.2.1 🔗 🛛	Portable devices are subjected to drop tests from a	Complied de de la complie	P BR AP A
Ô Ô	height of 1.0 m (39.4 in) onto a horizontal hardwood	0 0 0 0 0 0	
	surface in positions likely to produce the maximum force on the battery compartment or enclosure.		
	Portable devices are subjected to three drops,		P P 1 1
	except hand-held products are subjected to ten	ALL ALL ALL ALL ALL ALL	REP REP REP 25
	drops. The hardwood surface shall be at least 13- mm (1/2-in) thick, mounted on two layers of nominal	all all all all all all	all all all a
	19-mm (3/4-in) thick plywood, placed on a concrete		AP AP AP
	or equivalent non-resilient surface.		0 0 0
3.3	Impact test		P P
3.3.1	6.3.3.1 The enclosure or battery compartment	Complied.	P P A
	door/cover shall be subject to three, 2-J (1.5-ft·lbf) impacts. This impact is to be produced by dropping		REP REP REP 25
	a steel sphere, 50.8 mm (2 inches) in diameter, and	AP AP AP AP AP AP	APP APP APP 2
	weighing approximately 0.5 kg (1.1 lb) from the height required to produce the specified impact, as		0 0 0 0
	shown in Figure 6.1, or the steel sphere is to be	a a a a a a a	
	suspended by a cord and swung as a pendulum,		
	dropping through the vertical distance required to cause it to strike the surface with the specified		
	impact as shown in Figure 6.2. The steel sphere is	a a a a a a	
	to strike the battery compartment door/cover		P P P 2
3.4	Crush test		P
	all	and the the the the	THE THE THE
3.4.1	The sample is to be supported by a fixed rigid supporting surface, in positions likely to produce the	Complied.	P
	most adverse results as long as the position can be		
	self-supported. A crushing force of 330 $\pm$ 5 N (74.2 $\pm$		
	1.1 lbf) is applied for a period of 10 s to the exposed surfaces. The force is to be applied by a flat surface		
	measuring approximately 100 by 250 mm (3.9 by 9.8		PER PER PER 2
3.4A	Torque test		P
3.4A.1	If a child can grasp any part of the battery compartment enclosure on a consumer product,	and the set of all all	P P
	including the door or cover, with at least the thumb		RE RE THE ST
	and forefinger, or using teeth, apply the Torque Test for Removal of Components from the Standard		

a

RE

Hot line: 0755-23080724

Tel:0755-23080724



	🖉 🛷 🛷 🛷 💉 🖉 🛷 UL 4200A:2023 🖉 🧭									DEV.	
		<u>n</u>	12th	121×	12" • Ó	21	1924 N	Par si	121 ×	AN A	
Clause	Requirement + Test	Res	sult -	Rema	ark	25	RE	Ve	erdict	PER .	
REF REF		REF	REF	REL	REL	2FF	REF	PEL	REL	PEL	
	Consumer Safety Specification for Toy Safety, ASTM	OFP.						OFP.		EP	
	F963, to the battery compartment enclosure, using a torque of at least 0.50 Nm (4.4 in-lbf)	Ó						Ó		Ó	
		261	REF	R	R	2	R	REF	R	C.C.	
6.3.4B	Tension test	AFP.	PER	PER	PER	SEP.	PER	PER	P	(FP	
5.3.4B.1	If a child can grasp any part of the battery compartment enclosure on a consumer product,	Cor	mplie	ed.				PER	P P	FREE	
	including the door or cover, with at least the thumb	OFP.						REP		REP	
	and forefinger, or using teeth, apply the Tension Test	,Ó,						, c		, Ó	
	for Removal of Components from the Standard Consumer Safety Specification for Toy Safety, ASTM	2						R		P	
	F963, to the battery compartment enclosure, using a	Ó.						ġ.		, cò	
	force of at least 72.0 N (16.2 lbf)	12						P		P. S.	
6.3.4C	Compression test	REP	REP	REP	REP	2FP	P	REP	P	PER	
5.3.4C.1	If any surface of the battery compartment enclosure is	Cor	mplie	ed	PER	DER	REFE	PER	P	REP.	
	accessible to a child and inaccessible to a flat surface	201		, jo				de.	60	10	
	contact during the Drop test in 6.3.2, apply the	2						R		P. S.	
	Compression Test from the Standard Consumer	DEP						PEP		FER	
	Safety Specification for Toy Safety, ASTM F963, to that surface, using a force of at least 136 N (30.6 lbf).	DEP						PER		RED	
		EP.	EP	·	·	SEP.	All	i del	P	EP	
6.3.5		R**	121 ···	4210	121×	21	"{2""	121×	P ·	Ter .	
6.3.5.1 🛷 🗉	After the tests of $6.3.2 - 6.3.4$ , a force of $50 \pm 10$ N	Cor	nplie	ed.				R	R	P	
	(11.2 ±2.2/-0 lbf) is applied for 10 s to the battery compartment door/cover or enclosure by a rigid test	OFP.						REP		E.F.P.	
	finger according to Test Probe 11 of the Standard for	,Ó,						, Ó,		,Ó,	
	Protection of Persons and Equipment by Enclosures	2						R		F	
	– Probes for Verification, IEC 61032. The probe is	OFP.						REP		FER	
	applied at the most unfavorable place and in the most	D.						<i>i</i>		,Ó	
	unfavorable direction. The force shall be applied in only one direction at a time. A battery compartment							R		P2	
	door/cover shall not open and shall remain functional.	de.						d.		¢,	
	The battery shall not be accessible.	2						R		The second second	
6. <b>4<sup>0</sup> 💎</b>	Secureness test 🤷 👘 🛷 🛷 🛷 🖉	REP	PEP	REP	REP	2 <sup>CP</sup>	REP	PER	N/A	REP	
6.4.1 🛷	Button/coin cells that are not intended for user	DEL	PER	REFE	PEL	DEL	REFE	PER	N/A	E.E.P.	
	removal or replacement, and are accessible based	19						- P		(Q)	
	on 5.3 and 5.4, shall comply with the following test.	4 <u>0</u> 1						P		12	
	Compliance is checked by application of a test hook	<b>DEP</b>						PEP		FER	
	as shown in Figure 6.3, with a force of 20 ±2 N (4.5 ±0.4 lbf), directed outwards, applied for 10 s at all	OFP.						PER		FER	
	points where this is possible. During the test, the	iQ.						<i>i</i>		Ò	
	button/coin cell shall not become separated from the	22 M						R		P. S.	
PER PER		DEP	REP	REP	REP	2EP	REP	PER	REP	REP	
MARKING	S	REP.	REP	REP	REP.	E.	R.C.	REP.	R.	ED	
à à	General o o o o o o	, D	Ŕ	Ŕ	Ô,	Ò	Ŕ	, de	P	P	
7Å	General General							12	P	Te s	
7 1 1	All warning statements or icons shall be prominent,	2	R	P	P	2	R	R	P	P	
(A.1											
7A.1	legible, easily discernable under normal lighting	EP						<b>AFP</b>		EP	

t

DI

Hot line: 0755-23080724

Tel:0755-23080724



REDTESTING	🖋 🎺 🎺 🎺 🖗 Page 10 of 16 🛷 🖗 ·	Repo	ort No	.: R	ED2	2406	2505	9424	ED-BM	
PER PER	🖋 🎺 🎺 🎺 🖗 🎺 UL 4200A:2023 🖉 -	REP. R	iP T	aFR	REP	2EP	PER	REP	PER 4	DEP DEP
Clause	Requirement + Test 🖉 💉 🦽 🎺 🎻 🤌	Result	PR	ema	rk 🔗	2EP	PER	√ve	erdict	DEP DEP
REF REF	e de de de de se de de de de se	PEP P	iP T	2EP	REP	DEP	PER	REP	PEP 4	PER DER
7A.2	Unless otherwise specified, instructional safeguards do not have to be in multiple colors. If an	aff p						RER	P	REP DEP
	instructional safeguard is present in more than one	affi a						RED		EP JEP
	color to indicate hazard severity, the color shall be in	SEP OF						OFP.		EC EC
7400	accordance with the ISO 3864 series		2	-19	The second	0	F.			a a
7A.3	Printed or screened markings shall also be permanent.							R	R 4	
7A.4	Legibility of markings is determined by inspection.		ó.		<u>P</u>		~~~	<u> </u>	P	
	Permanency is determined by the tests of Section	2 P						REL		all all
- 02 00	7D, Permanence of Markings	all a	ġ "	aff.	OFP.	SEP.	AR.	APP-	-	EP JEP
7A.5	Markings must be in the official language(s) of the country where the product is sold or in English if	a i						- ED	P	a a
	there is no official language(s)	ne ne						Par .		
7A.6	The safety alert symbol, an exclamation mark in a	1210 A21	i i	215	R	200	Provide State	P.	P	
R <sup>EE</sup> R <sup>EE</sup>	triangle, when used with the signal word, must precede the signal word. The base of the safety alert	2 <sup>61</sup> P	1	after	REE	2 Feb	P	R	P. A	29.5° 29.5°
	symbol must be on the same horizontal line as the	2 <sup>61</sup> 2						REC		aff aff
	base of the letters of the signal word. The height of the safety alert symbol must equal or exceed the	19 <sup>61</sup> (2						PEL		(2 <sup>6)</sup> 2 <sup>6)</sup>
PER PER	signal word letter height. 🧑 🛷 🛷 🖉	DEP P	in T	2FP	PER	DER	PER	PER	PEP 4	REP SER
7A.7 🎺	Certain text in the message panel must be in bold	affi p						REP	Roff 4	AFP SFP
	and in capital letters as shown in the example warning labels to get the attention of the reader.	AFP R						PER		EP JEP
7A.8		all a	ie a	JER:	OFF	DEC	OFP.	OFF.	DIFF.	EP EP
	For labels that are provided on a sticker, hang tag, instructions or manual, the safety alert symbol	<u>i</u>						<u>e</u>	<u> </u>	i i
	and the signal word "WARNING" must be at least	nen qu						Ter .		
	0.2 in (5 mm) high. The remainder of the text must be in characters whose upper case must be at least							2		
OFF OFF	0.1 in (2.5 mm), except where otherwise specified.	all a	P 4	aFP.	REP	EP	PER	REP	REP. 4	EP JEP
7A.9	For labels that are required to be on the packaging	SEP OF						<b>DER</b>	P	EP EP
	of consumer products and directly on consumer products, text size shall be dependent on the area of	i i						- de		a a
	the principal display panel. Text size shall be	121° 121						P <sup>ar</sup>		
	determined based on Table 7A.1.		i q	ak.	R	2	R	R		
7B 🖉 🎻	Packaging Markings 💉 🛷 🛷 🛷 🛷	P P	21	2 <sup>ft</sup>	REL	264	REE	REL	R A	
7B.1	Except as allowed in 7B.2 and 7B.3, the principal display panel shall contain the warning label in	7B.1						P.	R	
	Figure 7B.1 or Figure 7B.2. The icon in Figure 7B.1	কি ্					REF	REL		all all
	shall be at least 7 mm in width and 9 mm in height.	PER P						REP		AFP SFP
	The icon in Figure 7B.2 shall be at least 8 mm (0.31 in) in diameter. The text in the warning label shall be	all a						PER		EP SEP
	as shown in Figure 7B.1 or Figure 7B.2. When on a printed label using more than one color the marking	19 <sup>69</sup> 1						REP		
	must use colors as shown in Figure 7B.1 or Figure	aff P						REP		ALL SED
per per		PEP P	i i	EP	REC	<b>E</b> È	PER	REP	P.P.	EP SEP
7B.2	Consumer products that are not contained in packaging shall have the warning label in Figure	See a	bove	e CO	, J	Ċ	, D	, D	N/A	e e

0

Hot line: 0755-23080724

Tel:0755-23080724



,Ó.	/ING	Page 11 of 16         Image 14	Re		NO I		2400	2305	9424	ED-BI	VI?** 
P <sup>C</sup>	REF	🧖 🍖 🧑 🧑 🖉 🦿 UL 4200A:2023 🦂	Partie	PER .	P <sup>EEE</sup>	REF	2 <sup>CP</sup>	REE	REE	12 C	1267
Claus	eee i	Requirement + Test	Re	sult -	Rema	ark	26	R	<i>₽</i> Ve	erdict	126
R	Per 2		P.F.F.	P	R	P	264	P	RE	P	P
REF	PER 2	7B.1 or Figure 7B.2 affixed to the consumer product with a hang tag or a sticker label.	DER	PER	PER	REP	2FP	REP	REP	REAL	To F
B.3		When space on the principal display panel of the	Se	e abo	ove				REP	N/A	PE
		consumer product packaging does not permit the	DER						REP		PE
		warning label in Figure 7B.1 or Figure 7B.2, the principal display panel shall include the warning in	-D						- Ø		6
		Figure 7B.3 in a conspicuous location. The icon shall	21***						121		P
		be at least 7 mm in width and 9 mm in height. The	DEF						PEL		PE
		remaining warning statements must be on a 🤌 🥔	DEP						REP		T
		secondary display panel, as shown in Figure 7B.4. The text in the warning labels shall be as shown in									,
		Figure 7B.3 and Figure 7B.4. When on a printed	DEP						PER		PE
		label using more than one color the marking must	ED						<b>DER</b>		E
ne.	Ter a	use colors as shown in Figure 7B.3 and Figure 7B.4.	á.	74.	- Ter	74.	,	-1er	74	Ter .	14
3.4		The principal display panel or secondary display	on	prod	uct pa	ackag	ging		P	N/A	T
		panel of the consumer product packaging, or if	DER						PER		TOF
		there is no consumer product packaging, the accompanying hang tag or sticker label, shall	ED						EP		E
		include the following text:	EC						ALC:		
		a) For products with non-replaceable batteries,	Ó						~~~~ 		74.
		include a statement indicating the product contains	DEF						REF		P
		non-replaceable batteries;	DER						PER		PE
		b) Battery type (e.g., LR44, CR2032); and	ED						EP		E
G	- Tar a	c) Nominal voltage.	- B	70	Te.	72	- D	Te.	Te.	P	12
C.1	121× 2		0	e bel		P2M	21	R	121 C	N/A	1924 1
		Except as provided in 7C.2 and 7C.3, consumer products shall be marked with a warning label on	se ø	e per	w W				Pt.		To P
		the product display panel that alerts the consumer of the presence of a button cell or coin battery. The	2						R		P
		warning text shall include the safety alert symbol,	<b>JEP</b>						OFP.		E
		signal word, and text, as shown in Figure 7C.1.	,Ó.						,Ó,		
		When on a printed label using more than one color	2						P		T
		the marking must use the color as shown in Figure 7C.1.	DEP						REP		PE
	2 - 12		<u></u>	a fi		A P	2 <sup>(2)</sup>	A.	AP.		TOP
0.2		When space on the product is limited, use the "Warning: contains coin battery" icon shown in	Fig	jure /	′C.2 ι	isea			d.	P	
		Figure 7C.2, without text. The icon must be at least	200						R		P
2	P 1	7 mm in width and 9 mm in height and must be on	2	P	P	P	2	P	R	P	P
		the product display panel. When on a printed label using more than one color the marking must use the	aff.P						PER		PE
		color as shown in Figure 7C.2. The icon shall be	2FD						OFP		GE
		defined in accompanying printed materials such as	æ.						de.		
P	P 2	instructions, manual, insert, or hangtag.	2	P	P	P	2	P	P	R	T
2.3	REF. 2	When the product itself is too small to include the	Se	e abo	ve	REP	DEP	REP	PER	N/A	PE
		warning with text in Figure 7C.1 or the icon in Figure	<b>DED</b>						OFF		OF
		7C.2, the product shall:	,Ó.						0		
		a) Have packaging containing the warning label	2						P		P
		following the requirements in Section 7B, Packaging									

TIN

Hot line: 0755-23080724

Tel:0755-23080724



· .	PER D	🕐 🎻 🎻 🧬 🖉 🦿 UL 4200A:2023	REF	REF	PER	REL	DEF	REF	REL	REF	2FH	
ause	PAFF 1	Requirement + Test 🖉 🔗 🎺 🎺 🎺 🦗	Res	sult <sup>2</sup>	Rema	ark	DER	REP	<mark>∼</mark> Ve	erdict	DER	
REP	PEP 2	<u>.</u> all all all all all all all all all al	REP	REP	REP	PER	<b>DEP</b>	PEP	PER	REP	PER	
		b) Contain a hangtag or sticker label with the full	DED						REP		OFF	
		warning label using requirements in Section 7B,	-P						- CP		de la	
D.	121 2 (S)	Permanence of Markings	ne se	Pro CP	Part .	R	2 <sup>14</sup>	P2th	Part .	P.O	1920 (Q)	
D.1	2 1 0		2 ···	<u>R</u>	<u>R</u>	<u>R</u>	2V	R.	P.	P 🔬	- CP	
D.1.1		Each required printed or screened marking shall be		APP - do	PE	- A <sup>EP</sup>	JE!	P <sup>EP</sup>	A <sup>SP</sup>	P		
		tested. However, if the data sheet for a label confirms compliance with the test requirements, the	QV IQ						R		P. C.	
R	12 <sup>1</sup> 2	test need not be performed.		R	R	R	2	R	2	2		
D.2	PEP 2	Testing procedure 🤌 🎺 🎺 🎺	REP	REP	REP	REP	aff	REP	PER	R	PER	
D.2.1		The test is conducted by rubbing the marking by hand without appreciable force for 15 s with a piece	DER						PER	R	PER	
		of cloth soaked with water and at a different place or	DER						PER		PER	
		on a different sample for 15 s with a piece of cloth soaked with the petroleum spirit specified in 7D.3.	DER						PER		RED	
D.3	PEP 2	Petroleum spirit 🛷 🖉 🛷 🛷 🛷 🖉	REP	REP	PER	REP	DEP	REP	PER	R	PER	
D.3.1	PFF 2	Petroleum spirit is a reagent grade hexane with a	DEP.	PER	REP	PER	DER	REP	PER	P	PER	
PER	PEP 2	minimum of 85 % n-hexane. 🧪 🛹 💉 🖉	DEP	REP	REP	PER	<b>DED</b>	PER	PER	PER	DER	
D.4	PEP a	Compliance criteria	<b>A</b> EP	PER	PER	PER	EP	PER	PER	P	EP	
D.4.1		After each test, the marking shall remain legible. If the marking is on a separable label, the label shall	cor	nplia	nce				<b>DEP</b>	P	EP	
		show no curling and shall not be removable by hand.	-P						- CP		Ø	
NSTR	UCTIO		di la constante da la constant	- curv	-91% 20	- <del></del>	, de	- Ally	- 1012 .Q.	in the second		
R.	Pr 2	General General	12	12	12	12	ć	P	12	P	R	
.1	12 2	Instructions and manuals, if provided, shall include all	Se	e use	er's m	anua	2	R	R	P	Tel	
		of the applicable markings in Figure 7B.1 or Figure	DEP						OFP.		<b>JEP</b>	
		7B.2 and the statements noted below. If instructions and manuals are not provided, the statements shall	-0						-00		-D	
		be present on the principal display panel or	AN COL						R		P	
		secondary display panel of the consumer product	DEF						REL		PEL	
		packaging, of it there is no consumer product packaging, the accompanying hang tag or sticker	DER						PER		PER	
			DEP						REP		OFP	
		a) The statement "Remove and immediately recycle	EP						REP		OFP.	
		or dispose of used batteries according to local regulations and keep away from children. Do NOT	0						- de		-D	
		dispose of batteries in household trash or	124						R		P	
			DEF						PEL		PEL	
		b) The statement "Even used batteries may cause severe injury or death."	DEP						PER		PER	
		c) The statement "Call a local poison control center	<b>DEP</b>						PER		PER	
		for treatment information."	DEP						REP		E.F.P.	
		(d) A statement indicating the compatible battery type										
		d) A statement indicating the compatible battery type (e.g., LR44, CR2032).	de.						0		Q	
		<ul> <li>d) A statement indicating the compatible battery type (e.g., LR44, CR2032).</li> <li>e) A statement indicating the nominal battery</li> </ul>	DEP						PER		PER	



R R	2	R	PER	REF	REF	2Ft	REF	UL 4	200A	:202:	3	REF	REF	REF	P	264	P	PER	REF	12Ft	
lause	EP 1	Require	ement	: <mark>+</mark> √Te	st	DER	REP	PER	REP	REP	2EP	Res	sult <sup>2</sup> l	Rema	ark 🔗	DER	REP	νe	rdict	PER	
REP R	EP 2	P PEP	PER	REP	PER	2FP	PEP	PER	PER	PER	<b>DEP</b>	PER	PER	PER	PER	2EP	PER	PER	REP	REP	
REF. R	EP 2	f) The s not to b				rech	arge	able l	atter	ies a	re	(DED	REF	REP	PER	DER	REP	REP	PER	TOFF	
		g) The										PER						PER		PER	
		disasse temper										DER						REP		PER	
		result in result in						akage	e or e	xplos	sion	DER						OFF		E	
2 1	8	0.0	<u> </u>	0	Ó	0	.0					8	-	-		EP.		ALC IN	D	-	
Z. 72		Produc shall ac						n/coir			nes	-Se	e use	rsm	anua	.21 ×		122 ×	R <sup>av</sup>	Ter	
		a) The	state	ment	"Ęns	ure t				insta	alled	12						R		P	
		correct b) The	-							hotto	ricc	DER						REP		THER	
		differer	nt brai	nds o	r type	es of	batte	eries,	such	as		DER						REP		(FE)	
		alkaline										EP						EP		ED	
		c) The or disp										de la						721×		Ter S	
		an exte	ended															R		P	
		regulat d) The		ment	"Alwa	avs o	omn	- letelv	Secu	re the		12 <sup>EP</sup>						REL		THE	
		battery																R		P	
		does n										PER						REL		TOFL	
		remove childrei			les, a		(eep	R	away	101	2FP	PER						PER		PER	
3 1	<u>e</u> 21	Produc	Ó	hnon	-renl	acea	able h	nutton	/coin	cell	2EP	12EP	REP	REP	REA	2 ER	REP	REP	N/A	FER	
REF. R		batterie	es sha	all add	dition	ally i	incluc	le a s	tatem	nent		DEP						PER	REP	TER	
		indicati batterie		e proc	duct o	conta	ains r	non-re	eplace	eable		EP						EP		ED	
per pe	ġ.	Ø Ø	- CP	No.	- C	<u></u>	- A	A.	A.	- CD	de la	- A	Ter C	Ter C	Ner CO	Ø	- Al	No.	A.		
							REF								REF			RER	REE		
PER P									RER			RER	REE	RER				REF	PER		

25

P

N

Hot line: 0755-23080724

Tel:0755-23080724



1	RED TES	STING	2EP	PER	PER	REE	REP	DED	Pa	age 1	4 of 1	6000	2ED	R	eport	No.:	RED	2406	62 <mark>5</mark> 05	9 <mark>4</mark> 24	ED-B	M	2EP	
	REP	REP	2EP	PER	PER	REP	REP	2FP	REP	UL 4	200A	:202	3	REP	REP	REP	PER	2FP	REP	PER	REP	2EP		
	Claus	se <sub>e</sub> ?	2F	Require	emen	t <del>+</del> Te	st	2EP	REP	PER	REP	REP	2EP	Re	sult?	Rema	ark	2FP	REP	<sub>∕</sub> νε	erdict	PER		
EL.	R	REL	2EL	PEL	PER	REFE	REL	2Et	REL	PEL	REL	REF	2EH	REF	PEL	REFE	PEL	2 F.L.	REL	PEL	REFE	PE		
E C	Objec	ct/ 🔬	omp	onen Manu	factu		T	/pe/N	Model	PER	Tech	nnica	No.		PER	Star	ndard	SEP GD		ark(s		200		
Q.	Part N Enclo		24	Trade	emark	R	Ó		viçuci	R	10.	14.		A RAM	R	Nº O	iqui a	24		onform	nity	121		
8	&		25		R	R	1 de la companya de l	2 <sup>44</sup>	R	R	Plas		2 <sup>44</sup>	R	RE	72 <sup>6</sup>	R	2 C	@ <u>~</u>	R	R	12 <sup>14</sup>		
60	P <sup>r</sup>	R.	24 G	P <sup>r</sup>	P	P		ar GD	P.	P.	R	R.	24 G	R.	P	P	P <sup>V</sup>	24	R	P <sup>r</sup>	P			

Hot line: 0755-23080724

Tel:0755-23080724



Page 15 of 16

Report No.: RED240625059424ED-BM

## Attachment 1: Photo Documentation



Hot line: 0755-23080724

Tel:0755-23080724





Page 16 of 16

Report No.: RED240625059424ED-BM

--End of report--

Hot line: 0755-23080724

Tel:0755-23080724