



仅限货机
CAO



NO.2121019026



中国认可
检验
INSPECTION
CNAS IB0071

货物运输条件鉴定书

Certification

for Safe Transport of Chemical Goods

危险品

样品名称： 锂-二氧化锰扣式电池 CR2032 3.0V 220mAh

Sample name: Li-MnO₂ Button Cell CR2032 3.0V 220mAh

委托单位： 深圳市威能电子有限公司
Shen Zhen Wei Neng Electronics Co., Ltd

生产单位： 深圳市威能电子有限公司
Shen Zhen Wei Neng Electronics Co., Ltd



Witness Better Life

SICIT 上海化工院检测有限公司

Shanghai Institute of Chemical Industry Testing Co., Ltd



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样品名称 Sample name	中文 Chinese	锂-二氧化锰扣式电池 CR2032 3.0V 220mAh		
	英文 English	Li-MnO2 Button Cell CR2032 3.0V 220mAh		
委托单位 Consignor		深圳市威能电子有限公司 Shen Zhen Wei Neng Electronics Co., Ltd		
生产单位 Manufacturer		深圳市威能电子有限公司 Shen Zhen Wei Neng Electronics Co., Ltd		
检验方法、程序 Inspection method and procedure		国际航空运输协会《危险品规则》62版 IATA Dangerous Goods Regulations (DGR) 62nd Edition		
样品外观 Sample appearance		银色金属外壳 Silvery Metal shell		
包装件信息 Package information		锂电池总净重≤2.5kg. Lithium batteries total net weight≤2.5kg.		
序号 NO.	电池种类 Battery type	型号 Model	容量Capacity / 锂含量Li content	放置方式 Placement
1	不可充电锂金属电池芯 Primary Li-metal cell	CR2032	220mAh / ≤0.3g	电池单独运输 Battery only
鉴定结论 IDENTIFICATION CONCLUSION	1. 危险性识别 (Hazards identification) 杂项。 Miscellaneous.			
	2. 空运按照国际航空运输协会《危险品规则》办理的类项 (Suggestion according to IATA DGR) Shipping name: Lithium metal batteries Class or division: 9 UN Number: UN3090			
	3. 包装要求 (Packaging requirements) 按包装说明968第IB部分要求办理。 The goods are packaged according to the Packaging Instruction 968 section IB.			
	仅限货机。 Cargo Aircraft Only.			
检验日期: Inspection Date: 2020-11-24		签发日期: Issue Date: 2020-11-25		生效日期: Effective Date: 2021-01-01
备注 Comment				

批准
Approver: 王宗

审核
Checker: 董学胜

主检
Appraiser: 孙清




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序号 No.	检验结果及其他事项 Inspection results and other things
1	<p>本报告所述锂电池按照《危险品规则》(62版)[以下简称DGR] 3.9.2.6.1(e)规定的质量管理体系进行制造。 本报告所述锂电池不属于因安全原因召回的锂电池。 本报告所述锂电池不进行以回收或处置为目的的航空运输,不属于废弃锂电池。 Lithium cells and batteries listed in this report were manufactured under the quality management programme as described in IATA DGR 62nd 3.9.2.6.1(e). Lithium cells and batteries listed in this report are not the defective cells or batteries returned to the manufacturer for safety reasons. Lithium cells and batteries listed in this report are not waste lithium cells or batteries, and they will not be shipped for recycling or disposal.</p>
2	<p>本报告所述锂电池已通过《联合国试验和标准手册》第III部分38.3小节相应测试要求。 包装件能够承受1.2m跌落试验。 Lithium cells and batteries listed in this report are of the types proven to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3. The package has passed the 1.2m drop test. UN38.3试验概要编号 The UN38.3 Test Summary No. (s) 811900600572496 详细信息请扫描右侧二维码。 Please scan the QR code on the right for more information.</p> 
3	<p>锂电池完全封装在内包装内,位于坚固的刚性外包装中。 电池具有适当的防短路措施。 Lithium cells and batteries are packed in inner packagings that completely enclose the cell or battery and placed in a strong rigid outer packaging. Cells and batteries are properly protected to prevent short circuits.</p>
4	<p>按DGR IB部分托运的电池必须根据第8部分规定在托运人申报单中描述;并且当使用航空货运单时,货运单必须包含8.2.1和8.2.2中相关适用要求。 Cells or batteries shipped under the provisions of Section IB in IATA DGR must be described on a Shipper's Declaration as set out in Section 8, and the air waybill, when used, must contain the applicable information required by 8.2.1 and 8.2.2.</p>
5	<p>除使用9类锂电池危险性标签(DGR图7.3.X)外,每个包装件必须按DGR图7.1.C所示做耐久清晰的标记。 每个包装件必须按DGR 7.1.4.1(a)和(b)要求标记,此外当7.1.4.1(c)有要求时还必须标明包装件净重。 每个包装件必须贴有“仅限货机”标签(DGR图7.4.B)。 Each package must be durably and legibly marked with the mark shown in Figure 7.1.C in IATA DGR in addition to the Class 9-Lithium Battery hazard label (Figure 7.3.X in IATA DGR). Each package must be marked in accordance with the requirements of 7.1.4.1(a) and (b) in IATA DGR and in addition the net weight when required by 7.1.4.1(c) must be marked on the package. Each package must be labelled with the "Cargo Aircraft Only" label (Figure 7.4.B in IATA DGR).</p>
6	<p>电池不得与第1类爆炸品(1.4S项除外),2.1项易燃气体,第3类易燃液体,4.1项易燃固体或5.1项氧化性物质等危险品包装在同一外包装或集合包装内。 Cells and batteries must not be packed in the same outer packaging or overpack with dangerous goods classified in Class 1 (explosives) other than Division 1.4S, Division 2.1 (flammable gases), Class 3 (flammable liquids), Division 4.1 (flammable solids) or Division 5.1 (oxidizers).</p>
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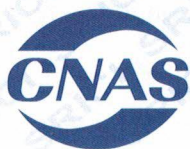
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报告结束



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锂电池类货物

样品名称： 锂-二氧化锰扣式电池 CR2032 3.0V 220mAh

Sample name: Li-MnO₂ Button Cell CR2032 3.0V 220mAh

委托单位： 深圳市威能电子有限公司
Shen Zhen Wei Neng Electronics Co., Ltd

生产单位： 深圳市威能电子有限公司
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样品名称 Sample name	中文 Chinese	锂-二氧化锰扣式电池 CR2032 3.0V 220mAh		
	英文 English	Li-MnO ₂ Button Cell CR2032 3.0V 220mAh		
委托单位 Consignor		深圳市威能电子有限公司 Shen Zhen Wei Neng Electronics Co., Ltd		
生产单位 Manufacturer		深圳市威能电子有限公司 Shen Zhen Wei Neng Electronics Co., Ltd		
检验方法、程序 Inspection method and procedure		国际海事组织《国际海运危险货物规则》(2018版) IMO International Maritime Dangerous Goods Code (2018 Edition)		
样品外观 Sample appearance		银色金属外壳 Silvery Metal shell		
包装件信息 Package information		重量≤30kg. Weight≤30kg.		
序号 NO.	电池种类 Battery type	型号 Model	容量Capacity / 锂含量Li content	放置方式 Placement
1	不可充电锂金属电池芯 Primary Li-metal cell	CR2032	220mAh / ≤0.3g	电池单独运输 Battery only
鉴定结论 IDENTIFICATION CONCLUSION	1. 危险性识别(Hazards identification) 锂金属电池。 Lithium metal battery.			
	2. 海运按照国际海事组织《国际海运危险货物规则》办理的类项(Suggestion according to IMO IMDG Code) 根据特殊规定188, 该物品不受IMO IMDG Code其他条款限制。 The article is not subject to other provisions of IMO IMDG Code according to special provision 188.			
备注 Comment	3. 包装要求(Packaging requirements) 无。 None.			
	检验日期: 2020-11-24 签发日期: 2020-11-25 生效日期: 2021-01-01 Inspection Date: Issue Date: Effective Date:			

批准
Approver: 王宗

审核
Checker: 董学胜

主检
Appraiser: 孙清



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序号 No.	检验结果及其他事项 Inspection results and other things
1	本报告所述锂电池按照《国际海运危险货物规则》(2018版) 2.9.4.5规定的质量管理体系进行制造。 Lithium cells and batteries listed in this report were manufactured under the quality management programme as described in IMDG CODE 2018 EDITION 2.9.4.5.
2	本报告所述锂电池已通过《联合国试验和标准手册》第III部分38.3小节相应测试要求。 包装件能够承受1.2m跌落试验。 Lithium cells and batteries listed in this report are of the types proven to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3. The package has passed the 1.2m drop test. UN38.3试验概要编号 The UN38.3 Test Summary No. (s) 811900600572496 详细信息请扫描右侧二维码。 Please scan the QR code on the right for more information.
3	锂电池完全封装在内包装内, 位于坚固的外包装中。 Lithium cells and batteries are packed in inner packagings that completely enclose the cell or battery and placed in a strong outer packaging.
4	电池具有适当的防短路措施。 Cells and batteries are properly protected to prevent short circuits.
5	每个包装件必须标示恰当的锂电池标记。 装有锂电池的包装件, 符合国际民航组织《危险物品安全航空运输技术细则》第4部分第11章的包装说明965或968第IB部分规定的, 黏贴5.2.1.10(锂电池标记)和5.2.2.2所示的9A型标签, 应视为符合本特殊规定188的规定。 Each package shall be marked with the appropriate lithium battery mark. Packages containing lithium batteries packed in conformity with the provisions of part 4, chapter 11, packing instructions 965 or 968, section IB of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by air that bear the mark as shown in 5.2.1.10(lithium battery mark) and the label shown 5.2.2.2, Model No.9A shall be deemed to meet the provisions of this special provision 188.
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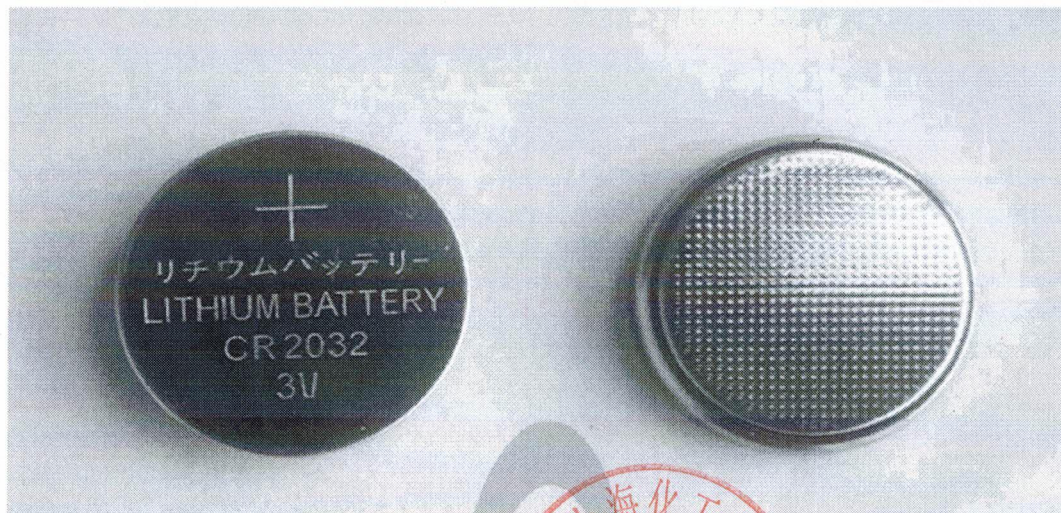
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