TEST REPORT

Reliability Laboratory

Report No.：HE30038C/2018
Page： 1 of 5
Date： March 31, 2018

臺灣湯淺電池股份有限公司
新北市新莊區福營路 227 巷 11 號

以下產品由客戶提供並確認規格如下：

產品名稱：	電池
產品型號/ 編號：	REC22-12/ No.1, No.2
生產或供應商：	臺灣湯淺電池股份有限公司
原產國：	台灣
數量：	共 2 件
測試執行日期:：	Mar. 27, 2018 to Mar. 31, 2018

我們依照客戶要求，根據客戶送交之樣品進行測試，結果如下：
委託測試要求：☒ IATA國際空運危險貨物規則2018年版包裝指引872項及特殊規定A67項

結論
符合 IATA 國際空運危險貨物規則 2018 年版包裝指引 872 項及特殊規定 A67 項

Signed for and on behalf of SGS TAIWAN Ltd.

吳富貴
副理

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實驗室環境條件：

環境溫度： (20 ± 5) ℃
環境濕度： (55 ± 20) % RH

試驗設備：

名稱	廠牌	型號	序號
電磁式高頻振動試驗機	UNHOLTZ-DICKIE	SAI60-H560BAC/2/ST	474
控制器	Dactron	LASER	7110357
控制加速規	PCB	353B34	143550
電磁式高頻振動試驗機	KingDesign	KD-9363-EM-5000F2K-75N600	WR109237101
控制器	Crystal	spider	1001664
控制加速規	WR	793-6	A4632
低壓溫控櫃	YEONG SHIN	DOBL-45	YSCB940280E
可程式型恆溫恆濕試驗機	KSON	VTH-D4T-100	7696KT

試驗照片：

1. 樣品外觀 (REC22-12)

2. 樣品外觀 (REC22-12)

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試驗照片--續：

<table>
<tr><td> </td><td> </td></tr>
<tr><td>3. 振動試驗</td><td>4. 壓差試驗</td></tr>
<tr><td colspan="2"> </td></tr>
<tr><td colspan="2">5. 高溫試驗</td></tr>
</table>

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試驗方法/ 規格：

包裝指引 872 項&特殊規定 A67 項	
試驗方法：	1. 振動試驗：電池牢固地夾在振動機平臺上，施加振幅為0.8毫米(最大總偏移1.6毫米)的簡諧振動。頻率在10至55赫茲之間按1赫茲/分變化。對電池的每一安裝位置(振動方向)來回施加全部振動頻率範圍，所需時間是95±5分。對電池的三個互相垂直的位置(包括注入孔和排氣孔(若有的話)在倒轉位置)都進行相等時間的試驗。 2. 壓差試驗：在振動試驗之後，把電池在 24℃±4℃下存放 6 小時，同時施加至少 88 千帕的壓差。對電池的三個互相垂直位置(包括注入孔和排氣孔(若有的話)在倒轉位置)都進行至少 6 小時的試驗 3. 不會洩漏的電池如果在溫度55℃時電解液不會從裂開或有裂縫的外殼流出並且沒有游離液體可流出，而且在包裝供運輸時對電極做了防短路的保護，即不受本規章限制。
判定標準：	無電解液流出

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測試結果：

1. 振動試驗：

檢查項目 / 樣品型號/編號	外觀檢查（目視檢查）
REC22-12/ No.1	無電解液流出
REC22-12/ No.2	無電解液流出

2. 壓差試驗：

檢查項目 / 樣品型號/編號	外觀檢查（目視檢查）
REC22-12/ No.1	無電解液流出
REC22-12/ No.2	無電解液流出

3. 高溫試驗：

檢查項目 / 樣品型號/編號	外觀檢查（目視檢查）
REC22-12/ No.1	無電解液流出
REC22-12/ No.2	無電解液流出

測試總結：

測試項目	測試結果	註記
包裝指引872項	符合	
特殊規定A67項	符合	

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