

Page 1 of 2

2015-05-14

MR. HAENA PARK

LG CHEM, LTD. 128 Yeoui-daero Yeongdeungpo-gu Seoul, 150-721, Korea, Republic Of

Email: haenapark@lgchem.com

Tel.: +82-42-870-6414

Subject: EN 62133 Test, Rechargeable Li-ion Cell, INR18650F1L or F1L / INR19/66

Dear Mr. Park:

This completes our work under the Project 4786928418. With this letter, we are closing Project 4786928418.

As requested, we have subjected the products noted below to the Test items below in accordance with the EN 62133, 2<sup>nd</sup> Edition, dated March, 2013, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications:

## Product Details:

Model Name	INR18650F1L or F1L / INR19/66	
Туре	Rechargeable Li-ion Cell	
Rating	3.63Vdc, 3350mAh	



## Tests Conducted:

Test Items	INR18650F1L or F1L / INR19/66
8.2.1 Continuous low-rate charging	Pass
8.2.2 Moulded case stress	N/A
8.3.1 External short circuit	Pass
8.3.2 External short circuit	N/A
8.3.3 Free fall	Pass
8.3.4 Thermal abuse	Pass
8.3.5 Crush	Pass
8.3.6 Overcharge	N/A
8.3.7 Forced discharge	Pass
8.3.8 Transport(UN/DOT)	N/A
8.3.9 Forced internal short	Pass

If you have questions or comments on this information, please feel free to contact the undersigned.

Very truly yours,

InYoung Shin Associated Project Engineer Inyoung.shin@ul.com

m

KyoungJin Chae Engineering Manager KyoungJin.chae@ul.com