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TEST CERTIFICATE

Report reference Number : NR2003-R004

Applicant : SAMSUNG SDI Co., Ltd.

Address of Applicant : 508 Sungsung-Dong, Chonan City, Chungchongnam-do, KOREA

Product Name : M3 Module

Model / Type Designation : EM8091AE001A / EM8091AE002A

Ratings : 80.96 V d.c, 100 Ah, 8.096 kWh

Test Standard : ST/SG/AC.10/11/Rev.6/Amen 1
Recommendations on the Transport of Dangerous Goods: Manual of
Tests and Criteria, Part III, Sub-Section 38.3 – Lithium metal and lithium
ion batteries

Test items and Results :

Test T.1:	Altitude simulation	Pass
Test T.2:	Thermal test	Pass
Test T.3:	Vibration	Pass
Test T.4:	Shock	Pass
Test T.5:	External short circuit	Pass

Date of Issue : March 03, 2020

We here by verify that the mentioned sample(s) complied with the requirements in the UN Manual of Tests and Criteria, Part III, Subsection 38.3, Six revised edition, and US DOT 49CFR 173-185.

Authorized Signatory:

Kyung-Hyun, Cha
Technical Manager, Safety Team

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