

UN 38.3 Test Summary Report

Lithium Cell or Battery Test Summary in Accordance with Section 2.9.4 UN Model Regulations and Sub-section 38.3 of the UN Manual of Tests and Criteria, Part III, subsection 38.3.5

[a] Cell Battery Product
 Tested Type Part # 70175C
 Same Type Part # see list

[d] Unique report ID: MP 176065 xlr 01-2018-2

[e] Report date: 2018-11-22

[b] **Manufacturer**
 Saft Civil Electronics Division
 Saft SAS
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[c] **Test Laboratory**
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Same Type Part Numbers # (all): 70244A; 70310D ; 70400X

[f] (i) Li-ion Li-metal.

(iv) **Description:** Prismatic MP 176065 xlr component cell without electronic monitoring protection circuit

(ii) Mass: 150 g

(iii) Watt hour rating or Lithium content: 24.8 Wh

(v) Cell Battery Product. Model number/Part number: MP 176065 xlr, 1P MP 176065 xlr

[g] **List of Tests Conducted** Result (Pass / Fail / N.A.) Test record reference

[g] List of Tests Conducted	Result (Pass / Fail / N.A.)	Test record reference
38.3.4.1 T.1: Altitude simulation	Pass	T0141A-17
38.3.4.2 T.2: Thermal test	Pass	T0141A-17
38.3.4.3 T.3: Vibration	Pass	T0141A-17
38.3.4.4 T.4: Shock	Pass	T0141A-17
38.3.4.5 T.5: External short circuit	Pass	T0141A-17
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	T0141A-17
38.3.4.7 T.7: Overcharge (N.A for Li-metal only)	N.A	N.A.
38.3.4.8 T.8: Forced discharge (cell only test)	Pass	T0141A-17

[h] Battery assembly: Not Applicable. UN38.3.3 (f) UN38.3.3 (g)

[i] Test Reference: UN Manual of Tests and Criteria, Part III, sub-section 38.3. ST/SG/AC.10/11/Rev.6/ edition 2015

[j] Signatory A. Date: 2018-11-22

Name: Cristophe Serre

Title: Quality Mgr – C.E. Div- Poitiers site

Signature:




[j] Signatory B. Date: 2018-11-22

Name: Aurélie Godon

Title: Technical Li-ion Manager

Signature:



Important! The above signatory / signatories affirm that this document is a true and correct summary of the original individual tests and test data. The original test data is confidential information available to competent State Authorities with valid identification and only upon their formal request. Disclosure of the original test data to any other entity upon its request will be considered by Saft and, should Saft consider this request is with merit, may be subject to the prior execution of a nondisclosure agreement.