

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 #:** T04/8AA (X)
☐ **Same Type Part #:**

[b] **Manufacturer**
 Saft Civil Electronics Division,
 Saft Ltd,
 River Drive, South Shields, Tyne and Wear,
 NE33 2TR, UK.
 T. +44(0) 191 456 1451
 Stephen.Clark@saftbatteries.com
 https://www.saftbatteries.com

[d] Unique report ID: C00006 (Rev 4)

[e] Report date: 12/03/2019

[c] **Test Laboratory**
 Saft Civil Electronics Division,
 Saft Ltd,
 River Drive, South Shields, Tyne & Wear.
 NE33 2TR, UK.
 T. +44(0) 191 456 1451
 Stephen.Clark@saftbatteries.com
 https://www.saftbatteries.com

☒ **Same Type Part Numbers # (all):** LS14250 (UK), 0095-409-019. And all the LS14250 cell versions that just vary by their termination mode and labelling.

[f] (i) ☐ Li-ion ☒ Li-metal.

(iv) **Description:** Primary (non-rechargeable) Lithium-Thionyl Chloride (Li-SOCl₂) "1/2AA" sized LS14250 cell.

(ii) Mass: 8.9g

(iii) ☐ Watt hour rating or ☒ Lithium content: 0.3g.

(v) ☒ Cell ☒ Battery ☐ Product. Model number/Part number: T04/8AA (X)

[g] List of Tests Conducted	Result (Pass / Fail / N.A.)	Test record reference
38.3.4.1 T.1: Altitude simulation	Pass	CE0613
38.3.4.2 T.2: Thermal test	Pass	CE0613
38.3.4.3 T.3: Vibration	Pass	CE0613
38.3.4.4 T.4: Shock	Pass	CE0613
38.3.4.5 T.5: External short circuit	Pass	CE0613
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	I01023006721D~1
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	I01023006721D~1

[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. 6th revised edition 2015

[j] Signatory A. Date: 12/03/2019

Name: Michael Butler

Title: Saft CE, Quality Manager

Signature:

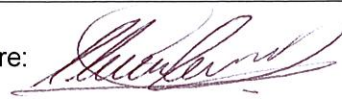



[j] Signatory B. Date: 12/03/2019

Name: Stephen Clark

Title: Saft CE, Senior Applications Engineer

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.