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 #: T06/8AA (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.Clarke@saftbatteries.com
https://www.saftbatteries.com


[f] (i)  □ Li-ion  ☑ Li-metal.
(iv) Description: Primary (non-rechargeable) Lithium-Thionyl Chloride (Li-SOCI2) "AA" sized LS14500 cell.
(ii) Mass: 17g
(iii) ☐ Watt hour rating or ☑ Lithium content: 0.7g.
(v) ☑ Cell  □ Battery  □ Product. Model number/Part number: T06/8AA (X)

[g] List of Tests Conducted

<table>
<thead>
<tr>
<th>Test</th>
<th>Result</th>
<th>Test record reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>38.3.4.1 T.1: Altitude simulation</td>
<td>Pass</td>
<td>CE0614</td>
</tr>
<tr>
<td>38.3.4.2 T.2: Thermal test</td>
<td>Pass</td>
<td>CE0614</td>
</tr>
<tr>
<td>38.3.4.3 T.3: Vibration</td>
<td>Pass</td>
<td>CE0614</td>
</tr>
<tr>
<td>38.3.4.4 T.4: Shock</td>
<td>Pass</td>
<td>CE0614</td>
</tr>
<tr>
<td>38.3.4.5 T.5: External short circuit</td>
<td>Pass</td>
<td>CE0614</td>
</tr>
<tr>
<td>38.3.4.6 T.6: Impact/Crush (cell only test)</td>
<td>Pass</td>
<td>I01023007121D-1</td>
</tr>
<tr>
<td>38.3.4.7 T.7: Overcharge (N.A for Li-metal only)</td>
<td>N.A.</td>
<td>N/A</td>
</tr>
<tr>
<td>38.3.4.8 T.8: Forced discharge (cell only test)</td>
<td>Pass</td>
<td>I01023007121D-1</td>
</tr>
</tbody>
</table>

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


[j] Signatory A. Date: 16/12/2019
Name: Stephen Clark
Title: Saft CE, Senior Battery Engineer
Signature: 

[k] Signatory B. Date: 16/12/2019
Name: Tessa Collinson
Title: Saft CE, General 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.

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