

# 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 #:** Veeder Root 332425-001  
 **Same Type Part #:** N/A

[d] Unique report ID: 188

[e] Report date: 2006.07.10

[b] **Manufacturer**  
 Saft Connected Energy Division  
 Saft America Inc.  
 313 Crescent St., Valdese, NC 28690  
 USA  
 T: 828-874-4111  
[lithium-sales@saftbatteries.com](mailto:lithium-sales@saftbatteries.com)  
<https://www.saftbatteries.com/>

[c] **Test Laboratory**  
 Saft Connected Energy Division  
 Saft America Inc.  
 313 Crescent St., Valdese, NC 28690  
 USA  
 T: 828-874-4111  
[lithium-sales@saftbatteries.com](mailto:lithium-sales@saftbatteries.com)  
<https://www.saftbatteries.com/>

**Same Type Part Numbers # (all):** N/A

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

(iv) **Description:** 1S4P LS33600  
 Primary (non-rechargeable) Lithium-Thionyl chloride (Li-SOCl<sub>2</sub>) 1S4P LS33600, 3.6 Volts 68.0 AH Battery.

(ii) Mass: 375g

(iii)  Watt hour rating or  Lithium content: 18.0 g.

(v)  Cell  Battery  Product. Model number/Part number: Veeder Root 332425-001

[g] List of Tests Conducted	Result (Pass / Fail / N.A.)	Test record reference
38.3.4.1 T.1: Altitude simulation	Pass	6573,6784
38.3.4.2 T.2: Thermal test	Pass	6573,6784
38.3.4.3 T.3: Vibration	Pass	6573,6784
38.3.4.4 T.4: Shock	Pass	6573,6784
38.3.4.5 T.5: External short circuit	Pass	6573,6784
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	P0087-01
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	P0256-03

[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. *Fourth revised edition 2004*

[j] Signatory A. Date: 2021.08.12

Name: Adrian Leatherman

Title: Test Lab Manager

Signature:



[j] Signatory B. Date: 2021.08.12

Name: Carlos Negrete

Title: Engineering 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.