

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 # 03969Y
 Same Type Part # see list

[d] Unique report ID: 1236211 Rev.1

[e] Report date: 2003-04-09

[b] **Manufacturer**

Jotron AS,
Oestbyveien 1, 3281 Tjodalyng, Norway
Tel; +4733139700
Sales@jotron.com
www.jotron.com

[c] **Test Laboratory**

Saft Civil Electronics Division Saft SAS
Rue Georges Leclanche, BP1039 86000 Poitiers
T. +33 (0) 5. 49 55 48.48
Lithiumsales.fr@saftbatteries.com
<https://www.saftbatteries.com>

Same Type Part Numbers # (all): Jotron p/n 96978

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

(iv) **Description:** Assembled from four (4) D-size LSH20 cells in series 4s1p.

(ii) Mass: 445 g

(iii) Watt hour rating or Lithium content: 15.4 g

(v) Cell Battery Product. Model number/Part number: 96978

[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	P0174-03
38.3.4.2 T.2: Thermal test	Pass	P0174-03
38.3.4.3 T.3: Vibration	Pass	P0174-03
38.3.4.4 T.4: Shock	Pass	P0174-03
38.3.4.5 T.5: External short circuit	Pass	P0174-03
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	P0340-14
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	T0340-14

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

[i] Test Reference: UN Manual of Test and Criteria, Part III, sub-section 38.3

[j] Signatory A. Date:

Name: Jan Erik Sæter

Title: Product Manager GMDSS & AIS

Signature:



Important; The above signatory/signatories affirm that this document is a true and correct summary of the original Individual tests and test data. Please note that any counterfeit batteries under Jotron product name and/or Jotron p/n do NOT comply to this document!