

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 # Jotron p/n 87086
 Same Type Part # see list

[d] Unique report ID: 1236216 Rev.01

[e] Report date: 18.04.2014

[b] **Manufacturer**

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

[c] **Test Laboratory**

Pony Testing International Group Co.Ltd
PONY HQ Building:Building 1, No.66 Jindai Road,
Zhongguancun Environmental Protection Park,
Haidian District, Beijing, China
E-mail:pony@ponytest.com

Same Type Part Numbers # (all): Jotron p/n 87950 (Tron TR30 GMDSS and Maritime VHF radio), 83446 (Tron TR30 GMDSS), 101700 (Tron TR30 AIR), 101035 (Spare TR30 Emergency GMDSS Battery), 101710 (Spare TR30 Test Battery)

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

(iv) **Description:** Assembled from 4 units Energizer AA/FR6 L91 cells in series(2s1p) in two separate packs

(ii) Mass: 60 g

(iii) Watt hour rating or Lithium content: 1.96 g x 2 = 3.92 g

(v) Cell Battery Product. Model number/Part number: 87086

[g] List of Tests Conducted	Result (Pass / Fail / N.A.)	Test record reference
38.3.4.1 T.1: Altitude simulation	Pass	I04013014321D-1
38.3.4.2 T.2: Thermal test	Pass	I04013014321D-1
38.3.4.3 T.3: Vibration	Pass	I04013014321D-1
38.3.4.4 T.4: Shock	Pass	I04013014321D-1
38.3.4.5 T.5: External short circuit	Pass	I04013014321D-1
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	I04013014321D-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	I04013014321D-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 ST/SG/AC .10/11/Rev 5.

[j] Signatory A. Date: 04.12.2019

Name: Jan Erik Sæter

Title: Product Manager AIS & GMDSS

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!