

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

- Cell Battery Product
 Tested Type Part # Jotron p/n 103177
 Same Type Part # see list

Unique report ID: 104751643LHD-001a Issue 1

Report date: 30. Sep 2021

Manufacturer

Jotron AS
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Test Laboratory

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Same Type Part Numbers # (all):

Jotron p/n 103220 Tron 40AIS with float free bracket
Jotron p/n 103210 Tron 40AIS with heating bracket
Jotron p/n 103181 Spare 40AIS EPIRB
Jotron p/n 103560 Spare SBM kit Tron 40AIS

- Li-ion Li-metal.

Description: 4 Saft LSH 14 light 3.6V / 3.6 Ah Lithium Thionyl High Power C-cells connected in a 2S1P x 2 series arrangement to provide a nominal output of 7.2V / 7.2 Ah.

Mass: 400 grams

- Watt hour rating or Lithium content: 1.96 g x 2 = 3.96 g in total.

Cell Battery Product. Model number/Part number: Jotron p/n 103177

[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	104751643LHD-001a Issue
38.3.4.2 T.2: Thermal test	Pass	104751643LHD-001a Issue
38.3.4.3 T.3: Vibration	Pass	104751643LHD-001a Issue
38.3.4.4 T.4: Shock	Pass	104751643LHD-001a Issue
38.3.4.5 T.5: External short circuit	Pass	104751643LHD-001a Issue
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	T0340-14
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

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

Test Reference: UN Manual of Test and Criteria Ref: ST/SG/AC. 10/11 Rev 7:2019 Section 38.3

Date: 03. Feb.2022

Name: Jan Erik Sæter

Title: Product Manager, Maritime

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 using Jotron product name and/or Jotron p/n do NOT comply to this document!