



Påminnelse om nye krav til dokumentasjon av litiumbatterier!

Nye krav til dokumentasjon av UN38.3 test fra og med 1.januar 2020!

Det er som dere vet krav til at alle litiumbatterier/celler skal oppfylle kravene i UN Testmanualen Del III, Underavsnitt 38.3. Dette skal kunne dokumenteres. Kravet gjelder litiumbatterier/celler av alle størrelser, også for batteripakker selv om cellene er testet.

Fra og med 01.01.2020 må produsenter og påfølgende distributører av celler og batterier produsert etter 30. Juni 2003 gjøre tilgjengelig oppsummeringen av testen som beskrevet i UN Testmanualen, del III, avsnitt 38.3, underavsnitt 38.3.5.

Merk at det er visse unntak for batterier/celler som ikke er testet. Blant annet for små produksjonsserier, prototyper som sendes til testing og skadede batterier. Her er det egne krav til transporten, emballering og i noen tilfeller krav til godkjenning fra vedkommende myndighet.

Oppsummeringen av testen «Test Summary» skal inneholde følgende

- (a) Name of cell, battery, or product manufacturer, as applicable;
- (b) Cell, battery, or product manufacturer's contact information to include address, phone number, email address and website for more information;
- (c) Name of the test laboratory to include address, phone number, email address and website for more information;
- (d) A unique test report identification number;
- (e) Date of test report;
- (f) Description of cell or battery to include at a minimum:
 - (i) Lithium ion or lithium metal cell or battery;
 - (ii) Mass;
 - (iii) Watt-hour rating, or lithium content;
 - (iv) Physical description of the cell/battery; and
- (v) Model numbers.
- (g) List of tests conducted and results (i.e., pass/fail);
- (h) Reference to assembled battery testing requirements, if applicable (i.e. 38.3.3 (f) and 38.3.3 (g));
- (i) Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any; and
- (j) Signature with name and title of signatory as an indication of the validity of information provided.

Uten dette dokument vedlagt, vil flyselskapene ikke akseptere en forsendelse med litiumbatterier. Husk at det også er et krav å ha dokumentet tilgjengelig på veg og sjø.

Eksempler på "Test Summary" finner dere på neste side



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Eksempel 1.

UN38.3 Lithium Battery Test Summary for GreenTech Tablet Model No. T54321	
1	Battery Manufacturer <i>Confidential and Proprietary GreenTech Information</i>
2	Product Manufacturer GreenTech 123 Main Street Annapolis, MD 21012 888.111.2345 contact@greentech.com; www1.greentech.com
3	UN38.3 Test Lab Bob's Battery Test Lab 1600 Pennsylvania Avenue Smithfield, VA 12345 Phone: 211.789.2345 bob@testlab.org; www.testlab.org
4	Test Report Number Lion621345
5	Date of Test Report April 1, 2017
6	Description of Cell or Battery 7.4 V, 1800 mAh, 13.32 Wh Li ion battery, Model No. P1789 Small, rectangular plastic case, 100 grams
7	UN38.3 Tests Performed and Successfully Passed T.1, T.2, T.3, T.4, T.5, and T.7. (Note that T.6 and T.8 are not applicable to batteries.)
8	Assembled Battery Testing Requirements Not Applicable
9	Edition of UN Manual of Tests and Criteria Used Sixth Revised Edition
10	Name and Title of Signatory <i>Jason Alexander</i> Jason Alexander GreenTech Staff Engineer



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Eksempel 2.

LITHIUM CELLS OR BATTERIES TEST SUMMARY IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA		
BATTERY TRANSPORTION INFORMATION		
Name of cell, battery or product manufacturer, as applicable: Item Number : 4A23123 Item Name : Battery Alpha Prime Item Description : Lithium Metal Battery (Primary)		Cell, battery or product manufacturer's contact information to include address, phone number, email address and website for more information: Manufacturer XYZ 3480 Lithium cells Rd Lithiumville, CA 98765 United States (+1-987) 987-6543 email@xyz.com
Name of the test laboratory to include address, phone number, email address and website for more information: Test Lab A 1919 Alpha St Testcity, IA 55555 USA (+1-333) 555-1122 email@testlab.com		A unique test report identification number: ABC12345
Description of cell or battery to include at a minimum: Lithium ion or Lithium metal cell or battery; Mass; Watt-hour rating, or lithium content; Physical description of the cell/battery; and Model numbers: Battery used in consumer power tools Cell/battery Type : Lithium metal Cell or Battery : Cell LC or Wh rating : LC (g): >0.3 <= 1 Cell or Battery Weight : 12.00 Grams		Date of the test report: 03-Apr-2013 List of tests conducted and results (i.e., pass/fail): Test T.1: Altitude Simulation : Pass Test T.2: Thermal Test : Pass Test T.3: Vibration : Pass Test T.4: Shock : Pass Test T.5: External short circuit : Pass Test T.6: Impact/Crush : Pass Test T.7: Overcharge : Not applicable Test T.8: Forced discharge : Pass Testing additional comments:
Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3(f) and 38.3.3(g)): Not applicable	Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any: Revision 5	For air transport only: Does the cell or battery comply with the 30% State of Charge? Not Applicable
PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP)		
UN Classification: UN 3090	Proper Shipping Name: Lithium metal batteries	
Signature with name and title of signatory as an indication of the validity of information provided: Wayne Purple Testing Manager		This document remains valid as long as no changes, modifications, or additions are made to the model(s) described in this document, after being transported from a Manufacturer XYZ facility. The model(s) has (have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model(s) must be packaged, labeled, and documented according to country and other international regulations for transportation.
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