

**Committee of Experts on the Transport of Dangerous Goods
and on the Globally Harmonized System of Classification
and Labelling of Chemicals**

5 December 2016

Sub-Committee of Experts on the Transport of Dangerous Goods

Fiftieth session

Geneva, 28 November–6 December 2016

Item 2 (d) of the provisional agenda

**Recommendations made by the Sub-Committee
on its forty-seventh, forty-eighth and forty-ninth sessions
and pending issues: electric storage systems**

Lithium Battery Test Report

**Transmitted by The United States of America – on behalf of the
informal working group**

Introduction

1. The document responds to comments on ST/SG/AC.10/C.3/2016/74 and ST/SG/AC.10/C.3/2016/75 pertaining to the proposed lithium battery test report.
2. We propose to add in Section 2.9.4 a new paragraph (f) as follows:
 - (f) Manufacturers and subsequent distributors of cells or batteries shall make available ~~the~~ the test summary as specified in the Manual of Tests and Criteria, Part III sub-section 38.3, paragraph 38.3.5 ~~shall be made available upon request~~.
3. In the Manual of Tests and Criteria, add a new paragraph in sub-section 38.3 as follows:

38.3.5 *Lithium cell and battery test summary* ~~document~~

The following ~~document~~ test summary shall be made available upon request:

**Lithium Cell or Battery Test Summary in Accordance
with Sub-section 38.3 of Manual of Tests and Criteria**

The following information shall be provided in this test summary-~~document~~:

- (a) Name of cell, ~~or~~ battery, or product manufacturer, as applicable;
- (b) Cell, ~~or~~ battery, or product manufacturer's contact information to include phone number, email address and website for more information;
- (c) Name of the test laboratory to include 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. (e.g., Lithium ion or Lithium metal cell or battery);
 - ii. mass;
 - iii. ~~Watt-hour rating, or grams of lithium metal content;~~
 - iv. cell/battery geometry;
 - v. model numbers; and
 - vi. design types;
- (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) ~~This document shall be signed~~ Signature with name and title of signatory as an indication of the validity of information provided.