



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

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 testing report

Transmitted by the expert from France¹

Introduction

1. During its forty-ninth session, the Sub-Committee approved in principle the list of elements to be included in lithium batteries test reports, but noted that an official proposal had to be submitted, with appropriate amendments to section 2.9.4 of Model Regulations (See ST/SG/AC.10/C.3/98, para. 63).
2. The present proposition aims to address that point, on the basis of the discussed data included in the Annex to document ST/SG/AC.10/C.3/2016/46.

¹ In accordance with the programme of work of the Sub-Committee for 2015-2016 approved by the Committee at its seventh session (see ST/SG/AC.10/C.3/92, paragraph 95 and ST/SG/AC.10/42, para. 15)

Proposal for amendment to section 2.9.4 of the Model Regulations

3. At the end of section 2.9.4, insert a new paragraph (f) which reads:

"(f) A test report shall be drawn up for each type of cells or batteries or for each cell or battery offered for transport, and shall be made available to the competent authority. The test report shall contain at least the following particulars:

 1. Name of the battery manufacturer;
 2. Name of third party test laboratory (if applicable);
 3. A unique test report identification;
 4. Date of test report;
 5. Description of cell or battery (e.g. Li-ion or Li metal cell or battery, voltage, net mass, Watt-hour rating, grammes of lithium metal content, cell/battery geometry, model numbers and design types);
 6. List of tests conducted and results (i.e., pass/fail);
 7. Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3 (f) and 38.3.3 (g) of the Manual of Tests and Criteria);
 8. Manual Tests and Criteria Revision date used;
 9. Contact information such as phone number, email address or website where additional information may be asked for;
 10. The test report shall be signed with the name and status of signatory".