

AGENDA

UN SUB-COMMITTEE OF EXPERTS ON TRANSPORT OF DANGEROUS GOODS

INTERSESSIONAL WORKING GROUP MEETING - UN TESTING REQUIREMENTS ON LARGE LITHIUM BATTERIES -

Hosted by RECHARGE, COSTHA and PRBA

2-4 October 2013

Meeting Location:
Wiley Rein LLP
1776 K Street, NW
Washington, DC 20006
202.719.7000

2 October 2013

AGENDA		
INTERSESSIONAL WORKING GROUP MEETING		
UN TESTING REQUIREMENTS ON LARGE LITHIUM BATTERIES		
Time	Topic	Presenter
9:30 – 11:00 am	Introductions and explanation of objectives <ul style="list-style-type: none">- Review and contrast relevant testing requirements applicable to large lithium batteries in particular those used in the automotive, aviation and other major sectors of the industry.- Consider practicability of the test provisions for battery assemblies in 38.3.3 (f) of the Manual of Tests and Criteria and consider the need to review the existing definitions of large batteries.- Identify means of harmonizing existing testing requirements or recognizing test equivalents;- Develop proposals for regulatory text for inclusion in section 38.3 of the Manual, if needed.	RECHARGE PRBA COSTHA Claude Pfauvadel (France)
	History of testing large lithium batteries and battery assemblies in accordance with UN Manual	PRBA
	Section 1, Paragraph 1.1.2 of UN Manual: Competent Authority discretion to dispense with tests, vary details	PRBA
11:00 – 11:20 am	Coffee Break	

AGENDA INTERCESSIONAL WORKING GROUP MEETING UN TESTING REQUIREMENTS ON LARGE LITHIUM BATTERIES		
11:20 am – 12:30 pm	Review of applicable definitions in UN Manual and proposed changes to definitions <ul style="list-style-type: none"> - Battery assembly - Battery module, component battery or component module - Large battery 	COSTHA PRBA
12:30 – 1:00 pm	UNECE Development of Global Technical Regulations (GTR) on EV Safety	NHTSA
1:00 – 2:00 pm	Lunch	
2:00 – 3:30 pm	Testing standards for large lithium batteries and comparison to UN tests <ul style="list-style-type: none"> - SAE - IEC - UNECE Regulation No. 100 - Others 	JARI PRBA COSTHA RECHARGE
3:30 – 3:50 pm	Coffee Break	
3:50 – 5:15 pm	<ul style="list-style-type: none"> - T5 Short circuit test - External resistance of less than 0.1 ohm - Short circuit testing of modules - Proposed changes to T5 short circuit test 	JARI PRBA RECHARGE
END OF FIRST DAY		

3 October 2013

PRELIMINARY AGENDA INTERCESSIONAL WORKING GROUP MEETING UN TESTING REQUIREMENTS ON LARGE LITHIUM BATTERIES		
9:00 – 9:15 am	Summary of previous days discussions	Claude Pfauvadel (France)
9:15 – 10:30 am	<ul style="list-style-type: none"> - T4 – Shock Test - Shock data from field - PRBA-COSTHA project on securing shock data - Proposals for modifying T4 shock test 	PRBA COSTHA Intertek
10:30 – 10:50 am	Coffee Break	
10:50 am – 12:00 pm	<ul style="list-style-type: none"> - T4 – Shock Test - Shock data from field - PRBA-COSTHA project on securing shock data - Proposals for modifying T4 shock test 	PRBA COSTHA Intertek
12:00 – 1:00 pm	Lunch Break	

PRELIMINARY AGENDA		
INTERCESSIONAL WORKING GROUP MEETING		
UN TESTING REQUIREMENTS ON LARGE LITHIUM BATTERIES		
1:00 – 3:00 pm	<ul style="list-style-type: none"> - Battery assemblies less than 6200 Wh or 500 g Li metal - Large batteries over 6200 Wh or 500 g Li metal comprised only of cells (no modules) - Proposed changes to testing battery assemblies less than 6200 Wh or 500 g Li metal 	PRBA COSTHA JARI RECHARGE
3:00 – 3:30 pm	Coffee Break	
3:30 – 5:00 pm	Open Discussion: Additional Issues and/or Proposals on Testing Large Lithium Batteries	
END OF SECOND DAY		

4 October 2013

AGENDA		
INTERCESSIONAL WORKING GROUP MEETING		
- UN TESTING REQUIREMENTS ON LARGE LITHIUM BATTERIES -		
9:00 – 9:45 am	Summary of previous days discussions Discussion on future meeting and proposals	Claude Pfauvadel (France)
9:45 – 10:15 am	Stationary battery systems (<i>e.g.</i> , containers) and transport regulations	PRBA
10:15 – 11:00 am	ICAO proposals on lithium ion batteries over 35 kg ICAO proposal on damaged/defective lithium batteries	PRBA
END OF THIRD DAY		

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