

Electric Vehicle Safety Technical Symposium

Friday, May 18, 2012

8:30 – 8:35 AM (5)	Welcome	Welcome and Introduction of Administrator Strickland	Senior Associate Administrator (SAA) Dan Smith
8:35 – 8:55 AM (20)	Opening Remarks	Administrator's Address	Administrator Strickland
8:55 – 9:00 AM (5)	Symposium Logistics	Schedule and format, security and emergency procedures, breaks and restrooms	SAA Dan Smith
9:00 – 10:00 AM (60)	NHTSA EV Safety Research and Testing Programs	Current EV testing/incident monitoring programs; battery technology, failure modes, and research programs for EV safety	NHTSA – Claude Harris NHTSA – Phil Gorney
10:00 – 10:25 AM (25)	DOE Safety Perspective	Government programs to support electric vehicle battery development and battery safety technology	DOE – David Howell
10:25 – 10:40 AM (15)	Q&A		
10:40 – 10:55 AM (15)	BREAK		
10:55 – 11:10 AM (15)	Overview of industry EV standards	Current and prospective SAE standards for EVs, batteries, chargers, and charging station interoperability	SAE – Robert Galyen
11:10 – 11:25 AM (15)	Overview of industry EV standards	Current and prospective ANSI standards for EVs, batteries, chargers, and charging station interoperability. ANSI EV roadmap.	ANSI – Jim McCabe
11:25 – 11:45 AM (20)	Emergency Response	Overview of ER information sources and dissemination to the ER community	NFPA – Chris Dubay
11:45 AM – 12:00 PM (15)	Q&A		
12:00 – 1:00 PM (60)	LUNCH		
1:00 – 1:20 PM (20)	EV Vehicle Safety	Parameters and methods for controlling battery health	Nissan – Robert Yakushi
1:20 – 1:40 PM (20)	EV Vehicle Safety	The importance of physical battery protection and how it can be achieved	Ford - Manuel Bartolo
1:40 – 2:00 PM (20)	EV Vehicle Safety	How commercial truck EV and battery safety differs from light vehicle EV safety	Navistar – Colin Casey
2:00 – 2:15 PM (15)	Q&A		
2:15 – 2:30 PM (15)	BREAK		
2:30 – 2:50 PM (20)	Li-ion Battery Safety	Safety design parameters for Li-ion propulsion batteries and interaction with vehicle manufacturers to achieve EV safety	LG Chem – Mohamed Alamgir
2:50 – 3:10 PM (20)	Li-ion Battery Safety	Risks associated with system integration	SAE – Robert Galyen
3:10 – 3:20 PM (10)	Q&A		
3:20 – 4:20 PM (60)	Panel Discussion of Priorities in Electric Vehicle Safety	Moderated panel discussion	GM: William Wallace BMW: Armin Graeter Tesla JB Straubel Alliance: Robert Strassburger LG Chem: Mohamed Alamgir U of MI: Anna Stefanopoulou NHTSA: John Maddox
4:20 – 4:30 PM (10)	Wrap-up	Remarks	SAA Dan Smith