

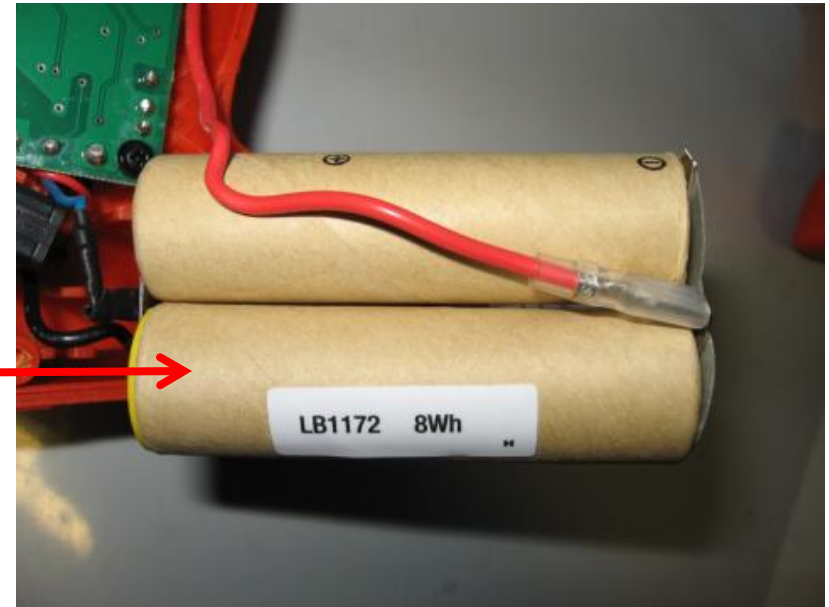
**2nd INFORMAL WORKING GROUP MEETING  
2015-2016  
Washington, DC**

**Testing Lithium Batteries  
Integral to Equipment**

Proposed Changes to Scope and Section 38.3.2



# Batteries as Integral Part of Equipment



Equipment Containing Integral Batteries – Equipment containing a battery or single cell battery that is not intended to be removed or replaced during the product's useable life.

# Power Banks with Integral Cells or Batteries



# Proposed Changes to “Scope” of UN 38.3 Tests



## 38.3.2 Scope

38.3.2.1 All cell types shall be subjected to tests T.1 to T.6 and T.8. All non-rechargeable battery types, including those composed of previously tested cells, shall be subjected to tests T.1 to T.5. All rechargeable battery types, including those composed of previously tested cells, shall be subjected to tests T.1 to T.5 and T.7. In addition, rechargeable single cell batteries with overcharge protection shall be subjected to test T.7. A component cell that is not transported separately from the battery it is part of needs only to be tested according to tests T.6 and T.8. A component cell that is transported separately from the battery shall be tested as a cell. A cell or battery that is an integral part of the equipment it is intended to power that is transported only when installed in the equipment, may be tested in accordance with the applicable tests when installed in the equipment.