Battery Testing Service Provided by a Partner Lab

1. Provide testing services for portable batteries (large batteries excluded) (*)
2. The laboratory is equipped to perform the following tests (not HKAS accredited). The test results can serve as good pre-test references (*)
   a. IEC60086-1 Primary Batteries – General
   b. IEC60086-2 Physical & Electrical Specifications
      [For discharge tests of AA and AAA sized batteries]
   c. IEC60086-4 Safety of lithium batteries
   d. IEC60086-5 Safety of batteries with aqueous electrolyte
      [For discharge tests of AA and AAA sized batteries]
   e. Transport of Dangerous Goods – Manual of Tests & Criteria Section 38.3 (For lithium batteries) (**)
   f. Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and batteries made from them, for portable devices (*)
      ▪ IEC62133-1 Part 1: Nickel systems
      ▪ IEC62133-2 Part 2: Lithium systems
   g. UL1642 Standard for safety – Lithium Batteries (**)
   h. UL2054 Household & commercial batteries (**)

(*) The partner lab will arrange a technical review before accepting a project. Prices and lead time will be quoted when the project is accepted.
(**) The partner lab can arrange testing per UL WTDP (Witness Test Data Program)