	PERMANENT DOCUMENT	ENEC 303 Annex AH

Annex AH
to Routine Test Requirements for manufacturers
(as per Article 9 of the Agreement)

Secondary cells and batteries containing alkaline or other non-acid electrolytes,

- **Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications**
  - **Part 1: Nickel systems: EN 62133-1**
  - **Part 2: Lithium systems: EN 62133-2**
- **Secondary sealed cells and batteries for portable applications**
  - **Part 1 Nickel-cadmium: EN 61951-1**
  - **Part 2: Nickel-metal hydride: EN 61951-2**
- **Secondary lithium cells and batteries for portable applications**
  - **Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them: EN 61960-3**
- **Safety requirements for secondary lithium cells and batteries, for use in industrial applications: EN 62619**
- **Secondary lithium cells and batteries for use in industrial applications: EN 62620**

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Annex AH to PD ENEC 303

Secondary cells and batteries containing alkaline or other non-acid electrolytes, for use in portable applications, covered by EN 6213-1, 62133-2, EN 61951-1, EN 61951-2, EN 61960-3, EN 62619 and EN 62620

1. ROUTINE TESTS (100%)

1.1 Visual check.

Markings and design have to be checked, i.e. check if the product is complete. Visual errors shall not exist.

2. PERIODIC TESTS (PVT)

2.1 All tests of clause 10 and clause 5.2 of EN 62133-1 once over the period of one year on each type of cell or battery certified.

2.2 All tests of Table 1 & cl.5.2 of EN 62133-2 once over the period of one year on each type of cell or battery certified.

2.3 All tests of Table 1 of EN 62619 once over the period of one year on each type of cell or battery certified.

Remark: for the performance standards EN 61951-1, EN 61951-2 and EN 61960-3 and EN 62620 the relevant test acc. to clause 2.1 or 2.2 or 2.3 are applicable because the safety standards are the basis for the performance standards.