# Lithium Metal or Lithium Alloy Cells and Batteries (UN 3090 and UN 3091)

**Note:** Indicated in blue letters are the revised points in January 2020.

### Section I

- **Lithium metal content:**
  - For cells, the lithium metal content is exceeding 1g per cell or
  - For batteries, the average lithium metal content is exceeding 2g per package.

- **Lithium battery Class 9 label:**
  - Must be attached.

- **Lithium battery mark:**
  - Must be attached.

### Section II

- **Lithium battery Class 9 label:**
  - Must be shown on the AWB.

- **CAO label:**
  - Must be shown on the AWB.

- **Lithium battery mark:**
  - Must be reproduced on the outside of the ULD.

### Limitation

- **No:**
  - Number of cells or batteries contained in one package.
  - Number of cells or batteries per package.

- **Yes:**
  - Max net quantity of lithium metal cells or batteries per package.
  - Max number of cells per package.

### Equipment’s Operation

- **For cells, a lithium content of:**
  - More than 12g:
    - No limit;
  - More than 0.3g but not more than 1g:
    - 2 batteries;
  - More than 0.3g but not more than 1g:
    - 1 battery;
  - Less than 0.3g:
    - No limit.

### Marking

- **For batteries, a lithium content of:**
  - More than 5kg:
    - 5kg;
  - More than 1kg:
    - 35kg;
  - More than 0.3g but not more than 2g:
    - 2g;
  - More than 0.3g but not more than 1g:
    - 2g;