

GROUND TRANSPORTATION (Packaging & Labeling)

LITHIUM METAL BATTERIES SHIP AS CLASS 9

LARGE SIZE

49 CFR, 173.185

(GUIDE LINE AND REFERENCE ONLY, "HM" TRAINING CERTIFICATION REQUIRED)

- Cell is larger than 5 g of lithium content.
- Battery is larger than 25g of lithium content.
- Cell / battery must pass "UN" tests. Except shipments for testing (prototype), see 49CFR (e-CFR on web) 173.185/ (e).
- Must be packaged in "UN" approved packaging, packing group II.
- Basic description: UN 3090, LITHIUM METAL BATTERIES, 9, PG II
- The lithium battery or cell must be packed in inner packaging in such a manner as to prevent short circuits, including movement which could lead to short circuits.
- Cells and batteries with a liquid cathode containing sulfur dioxide, sulfuric chloride or thinly chloride may not be offered for transportation or transported if any cell has been discharged to the extent that the open circuit voltage is less than two volts or is less than 2/3 of the voltage of the fully charged cell, whichever is less.
- Labels as shown below.

FROM:
TO:

**Lithium metal
batteries
UN 3090**

