§ 7.45 Critical characteristics

The following critical characteristics shall be inspected or tested on each battery assembly to which an approval marking is affixed:

(a) Thickness of covers and boxes.
(b) Application and resistance of insulating material.
(c) Size and location of ventilation openings.
(d) Method of cell terminations.
(e) Strain relief devices for cables leaving boxes.
(f) Type, location, and physical protection of cables.

§ 7.46 Impact test.

(a) Test procedures. (1) Prepare four covers for testing by conditioning two covers at −13 °F (−25 °C) and two covers at 122 °F (50 °C) for a period of 48 hours.