§ 160.041–5 Inspections and tests.

(a) Accelerated weathering. The container shall be exposed to ultra violet light and subjected to a spray of water for about 30 seconds every 20 minutes for 100 hours at 120 °F. As an alternate to this test the container may be exposed to ultra violet light for 100 hours at 130 °F, without the water spray. There shall be no evidence of warping or deterioration as a result of this test.  

(b) Salt spray. The container shall be exposed to a spray of 20% by weight of reagent grade sodium chloride at about 95 °F. for 100 hours. There shall be no evidence of corrosion or disintegration of the material as a result of this test.  

(c) Temperature change. The container shall be exposed to a temperature of 150 °F. for one hour and then to a temperature of 30 °F. below zero for one hour. There shall be no warping or deterioration of the gasket material as a result of this test.  

(d) Container watertightness. After the completion of all other container tests, a closed empty container, lined with colored blotting paper, with the cover in a horizontal position and uppermost shall be submerged under a head of one foot of water for a period of two hours. At the end of this period the container shall be removed, opened, and examined for the presence of moisture. No seepage shall be allowed.

(e) Carton watertightness. Four cartons from each container tested shall be submerged under a head of one foot of water for a period of two hours. Upon opening the sealed wrappers there shall be no evidence of leakage of water.  

§ 160.041–6 Marking.

(a) Each approved first-aid kit shall be permanently marked with the following information: name of manufacturer, trade name symbol, model number, or other identification used by the manufacturer, the Coast Guard Approval Number, and the words "FIRST-AID KIT." This information may be embossed on the container or may be applied by silk screen process, using a suitable paint and protected as necessary to withstand the required tests, or by other means shown to be acceptable.

(b) [Reserved]