

MIL-C-19547B(EC)
AMENDMENT 1
7 June 1971

MILITARY SPECIFICATION

CABLE, ELECTRICAL, SPECIAL PURPOSE, SHORE USE

This amendment forms a part of Military Specification MIL-C-19547B(EC), dated 22 September 1969.

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Paragraph 4.5.5: Delete and substitute the following:

"4.5.5 Cold bend test. The conductor insulation and the jacket material shall be tested in accordance with 4.5.5.1 and 4.5.5.2 respectively.

"4.5.5.1 Conductor insulation. The conductor insulation shall be subjected to the cold bend test in accordance with ASTM-D1047 except the temperature shall be $-55^{\circ} \pm 2^{\circ}\text{C}$ and shall be wrapped around the mandrel for three complete turns. The mandrel diameter shall be 3 times the diameter of the insulated conductor. The conductor insulation shall then be examined to determine conformance with the requirements of 3.2.2.2 and 3.2.2.3.

"4.5.5.2 Jacket material. The jacket material of the finished cable shall be subjected to the cold bend test in accordance with ASTM-D1047 except that the temperature shall be $-40^{\circ} \pm 2^{\circ}\text{C}$ and the cable shall be wrapped around the mandrel at least two turns. Jacket material shall then be examined to determine conformance with the requirements of 3.2.6.1 and 3.2.6.2".

Paragraph 4.5.6: Delete and substitute the following:

"4.5.6 Tensile and elongation test. Samples of the conductor insulation and the jacket material removed from the finished cable or conductor shall be tested in accordance with ASTM-D470 to determine conformance with 3.2.2.3 for the conductor insulation and 3.2.6.1 and 3.2.6.2 for the jacket material."

Paragraph 5.1.2: Delete "inche" and substitute "inch".

Preparing activity:
Navy - EC
(Project 6145-N204)

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