

MIL-T-15659H
AMENDMENT 1
25 July 1988

MILITARY SPECIFICATION

TERMINAL, LUG: SOLDER, COPPER AND PHOSPHOR BRONZE

This Amendment forms a part of Military Specification MIL-T-15659H, dated 1 October 1987, and is approved for use by all Departments and Agencies of the Department of Defense.

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3.1 delete and substitute:

"3.1 Material. The Class 1 lug terminals shall be fabricated of electrolytic copper, strip or sheet alloy C11000, tempers O60 through H02 in accordance with AMS 4500. The Class 2 lug terminals shall be fabricated of electrolytic copper tubing, alloy C11000, temper O00 in accordance with ASTM B 188. The Class 3 lug terminals shall be fabricated of phosphor bronze strip (1.3% tin) alloy C50500, with a minimum temper of H02 in accordance with ASTM B 508. As an alternative material, copper, strip alloy C42500, with a minimum temper of H02 in accordance with ASTM B 591 may be used."

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- 3.3.1, line 5 after "terminal" add "(see 4.4.5.1)".
- 3.3.2, line 4 after "finish" add "(see 4.4.5.2)".
- 3.3.3, line 2 delete "(see 4.3.2.3)" and substitute "(see 4.4.5.3)".
- 3.3.4, line 3 delete "(see 4.3.2.4)" and substitute "(see 4.4.5.4)".

AMSC N/A

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4.4.5.4, delete and substitute:

"4.4.5.4 Compression and flattening test for locking type lug terminals. The locking tooth portion of the lug terminal shall be placed between two cold rolled steel plates having a hardness on the Rockwell B scale of 85 to 90. The lockwasher teeth after being compressed to a height equal to the actual material thickness, plus .005, then released, shall have a minimum height equal to 66 percent of the free height. Upon release, there shall be no evidence of fracture of the teeth or any breakage."

Custodians:

Army - AR
Navy - AS
Air Force - 85

Preparing Activity:

Army - AR

Project Number 5940-1021

Review Activities:

Army - ER, ME, MI
Navy - SH
DLA - GS

User Activities:

Army - AT, AV, SM
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