

INCH-POUND

MIL-W-5845C  
AMENDMENT 1  
15 February 2002

## MILITARY SPECIFICATION

### WIRE, ELECTRICAL, IRON AND CONSTANTAN, THERMOCOUPLE

This amendment forms a part of MIL-W-5845C, dated 5 October 1973, and is approved for use by all Departments and Agencies of the Department of Defense.

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2.1, Under Federal Specifications: Delete "O-A-548," and "TT-S-735," and associated titles. Add "A-A-870 ---Engine Antifreeze/Coolant: Inhibited Concentrated, Ethylene Glycol" and "ASTM D471 ---Standard Test Method for Rubber Property-Effect of Liquids."

2.1, Under Military Specifications: Delete "MIL-T-5438" and "MIL-L-6082" and associated titles. Add "SAE-J1966 ---Oil, Lubricating, Aircraft Piston Engine (Nondispersant Mineral Oil)."

2.1, Under Military Standards: Delete "MIL-STD-143," "MIL-STD-687," and "MIL-STD-831" and associated titles.

3.2.1, Delete in its entirety. Substitute: "Selection of specifications and standards. The material for the wire shall be as specified herein. The best material commercially available for the intended purpose shall be used when a definite material is not designated."

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3.3.2.3.2, Delete in its entirety. Substitute: "Color. The covering of the conductors or the primary insulation where the covering is not used shall be color coded to indicate the metallic composition and polarity of the wires."

3.3.2.4.2, Delete in its entirety. Substitute: "Color. The duplexing outer covering of the wire shall be colored black for positive polarity and yellow for negative polarity."

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3.4.9, Delete in its entirety.

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4.4.3, Delete in its entirety.

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TABLE VII, Second column: Delete "O-A-548" and substitute "A-A-870." Delete "TT-S-735" and substitute "ASTM D471." Delete "MIL-L-6082" and substitute "SAE J1966."

4.6.14, Delete in its entirety.

CONCLUDING MATERIAL

Custodians:

Army – CR  
Navy – AS  
Air Force – 11  
DLA – CC

Preparing activity:  
DLA - CC

(Project 6145-2266)

Review Activities:

Army – MI  
Navy – EC  
Navy – OS