

INCH-POUND

MIL-I-10B  
AMENDMENT 4  
24 April 2001  
SUPERSEDING  
AMENDMENT 3  
6 December 1984

MILITARY SPECIFICATION  
INSULATING COMPOUND, ELECTRICAL, CERAMIC  
CLASS L

This amendment forms a part of Military Specification MIL-I-10B, dated 22 December 1966, and is approved for use by all Departments and Agencies of the Department of Defense.

\* Amendment 3 corrects title of amendment 2 by changing "MATERIALS" to "COMPOUND."

PAGE 1

1.2, delete "B" from finish designator and substitute "G".

PAGE 3

1.2.5, delete and substitute:

"1.2.5 Finish designator. Insulating compounds shall be further identified by a single letter designator, 'G' or 'C', to represent finish, i.e., L323G, L323 X/04G, L323TG or L323 X6/04TG (see 6.1 and 6.2).

| <u>Symbol</u> | <u>Finish</u>   |
|---------------|---|
| G -----       | Glaze. Glass and glass bonded mica are not included.  |
| C -----       | Natural vitreous surface. Includes the fired ceramics, e.g., porcelain, steatite, and alumina; and the nonfired ceramics, e.g., glass and glass-bonded mica." |

\* 3.1: Delete.

PAGE 4

3.2.1.1, delete and substitute:

"3.2.1.1 Color. The color of glaze on glazed body compounds shall be as specified (see 6.2)."

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PAGE 5

- \* 4.2.(a): Delete.
- \* 4.4: Delete.
- \* 4.4.1: Delete.
- \* TABLE I, title, delete and substitute: "TABLE I. Quality conformance inspection, periodic batch check inspection."

PAGE 6

- \* 4.4.2: Delete.
- \* 4.4.3: Delete.

PAGE 8

- \* 4.6.4.1: Delete.
- 4.6.5: At end of paragraph, add: "Similar equipment or procedures having equivalent accuracy may be used for this test when approved by the qualifying activity."
- \* 4.6.5.1, second sentence, delete and substitute:

"Six specimens (two only for beryllia) shall be prepared and submitted for quality conformance testing."

PAGE 10

- \* 6.3: Delete.

The margins of this amendment are marked with an asterisk (or vertical lines) to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodians:  
Army - CR  
Navy - SH  
Air Force - 85  
DLA - GS

Preparing activity:  
OSD - SO  
(Project 5970-1252)

Review activities:  
Army - AT, AV, MI  
Navy - AS, MC, OS  
DLA - CC