

MIL-B-83769D
AMENDMENT 1
13 FEBRUARY 1987

MILITARY SPECIFICATION
BATTERIES, STORAGE, LEAD-ACID
GENERAL SPECIFICATION FOR

This amendment forms a part of military specification MIL-B-83769D, dated 4 April 1983, and is approved for use by all Departments and Agencies of the Department of Defense.

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3.4.3 Container and cover.

Change to: "The battery container shall be of nonmetallic, aluminum, steel or aluminum alloy construction. Battery covers shall be of aluminum, steel or aluminum alloy construction. If die cast aluminum is used, it shall be in accordance with QQ-A-591."

3.4.5.1 Threaded-studs.

Sentence one, change "enclosed" to "encapsulated" and "material" to "compound."

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3.4.9 Container cover gasket.

Sentence one, between "A" and "resilient," add: "one-piece."

3.4.11.3 Terminal connectors.

Add: "All conducting parts, internal to the battery container, shall be adequately encapsulated with an acid-resistant compound to meet the requirements of paragraph 3.5.19 when tested in accordance with 4.6.19.1 or 4.6.19.2, as applicable."

3.4.12 Inner cases, cell covers and nonmetallic containers.

Sentence four, delete and add: "Cell covers shall be constructed of a molded compound identical in compound to that used for the outside walls of the inner case or nonmetallic container. The thickness of the cell cover(s) shall be greater than or equal to the thickness of the outside walls of the inner case or nonmetallic container."

Sentence six, delete: "..., cell covers."

AMSC N/A

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3.4.15 Sealing compound.

Sentence one, change "covered" to "encapsulated."

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3.5.2.3 Impact resistance.

Sentence one, delete: "... and cell covers."

In table, under Component, delete: "& Cell Cover."

3.5.3.4 Impact resistance.

Sentence one, delete: "... and cell covers."

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3.5.7 Strength of receptacle.

Sentence one, change " 450 ± 50 " to " 250 ± 25 ."

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TABLE III. Qualification inspection of components and materials.

Under Part, for Impact Resistance, delete: "... and cell cover stock specimen."

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4.6.2.3.2 Cell covers.

Delete entire paragraph.

4.6.3.4.2 Cell covers.

Delete entire paragraph.

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4.6.4 Visual and mechanical.

Sentence two, change "3.5.19" to "3.5.20."

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4.6.7 Strength of receptacle.

Sentence two, change " 450 ± 50 " to " 250 ± 25 ."

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Custodians:
Air Force - 99
Army - ER
Navy - AS

Preparing Activity:
Navy - AS
(Project No. 6140-0633)

Review Activities:
Air Force - 11, 80
Army - AV
DLA - GS