

MIL-C-24095B(SH)
AMENDMENT 2
18 March 1986
SUPERSEDING
AMENDMENT 1
17 June 1981

MILITARY SPECIFICATION

CHARGER, BATTERY, AUTOMATIC, PORTABLE,
RECTIFIER TYPE

This amendment forms a part of MIL-C-24095B(SH), dated 3 October 1979, and is approved for use within the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Beneficial comments statement at bottom of page, line 3: Delete "SEA 3112" and substitute "SEA 5523".

PAGE 2

3.1: Delete and substitute:

"3.1 First article. When specified in the contract or purchase order, a sample shall be subjected to first article inspection (see 4.3 and 6.3)."

PAGE 3

3.3.1: Add the following sentence: "The charge current range is from 3 to 45 amperes (see 6.1)"

3.3.2, sixth sentence: Delete.

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3.3.13: Add the following sentence: "For maximum current rate, see 6.1."

3.5.1. line 2: Delete "in 3.5.1 through 3.5.1.1" and substitute "herein".

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3.5-2, line 4: Delete "(h) through (r)" and substitute "(h) through (o)".

AMSC N/A
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* 4.2: Delete and substitute:

"4.2 Classification of inspections. The inspection requirements specified herein are classified as follows:

- (a) First article inspection (see 4.3).
- (b) Quality conformance inspection (see 4.5)."

* 4.3: Delete and substitute:

"4.3 First article inspection. First article inspection shall consist of the examinations and tests specified in 4.4."

4.4: Delete and substitute:

"4.4 First article, routine, and periodic inspection. Unless otherwise specified in the contract or purchase order (see 6.2.1), routine tests requiring electrical loading shall be performed with resistive loads. First article tests, except heating, shock and vibration requiring electrical loading, shall be performed with battery loads. Periodic tests requiring electrical loading shall be performed with battery loads, except heating, shock, vibration, and efficiency. Inspection shall consist of the examination and tests specified in table III."

PAGE 13

4.8.1: Delete and substitute:

"4.8.1 Efficiency. Routine and periodic tests shall use resistive loads for efficiency tests. A battery load shall be used for only first article tests. Meters shall be inserted in a.c. input for reading voltage, current and wattage. Installed meters shall be used to determine output conditions. Readings shall be made with charger charging 3 cells at 3 amperes, 12 cells at 15 amperes, and 18 cells at 44 amperes for first article tests or equivalent resistive loads for routine and periodic inspection. Results shall be expressed in "watts loss" rather than "percent efficiency"."

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6.1: Add: "The intent of the current limit value associated with the various ampere hours capacity batteries is to provide the maximum charging current feasible to charge the completely discharged battery in the least amount of time while keeping the battery temperature less than 9°C above ambient."

* 6.2.1: Delete and substitute:

"6.2 Ordering data.

6.2.1 Acquisition requirements. Acquisition documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) First article inspection, if required (see 3.1).

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- (c) Level of preservation-packaging, packing and marking required (see 5.1).
- (d) Packaging other than MS90363 (see 5.2.1).
- (e) Quantity of repair parts per package, other than specified (see 5.2).
- (f) When packaging and transportation support data is not required (see 5.2.1).
- (g) When routine tests requiring electrical loading performed with other than resistive loads (see 4.4)."

PAGE 21

6.3 and 6.3.1: Delete and substitute:

- * "6.3 First article. When a first article inspection is required, the items should be a first article sample. The first article should consist of one unit. The contracting officer should include specific instructions in acquisition documents regarding arrangements for examinations, approval of first article tests results and disposition of first articles. Invitations for bids should provide that the Government reserves the right to waive the requirement for samples for first article inspection to those bidders offering a product which has been previously acquired or tested by the Government, and that bidders offering such products, who wish to rely on such production or test, must furnish evidence with the bid that prior Government approval is presently appropriate for the pending contract."

LAST PAGE

DD 1426, Standardization Document Improvement Proposal: Delete address and substitute:

"COMMANDER
NAVAL SEA SYSTEMS COMMAND (SEA 5523)
DEPARTMENT OF THE NAVY
WASHINGTON, DC 20362-5101"

NOTE: The margins of this amendment are marked with asterisks to indicate where changes (additions, modifications, corrections, deletions) from the previous issue 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.

Preparing activity:
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