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MIL-G-3111C(SHIPS)
AMENDMENT-1
9 October 1969

MILITARY SPECIFICATION
GENERATORS, ELECTRIC, DIRECT-CURRENT
(NAVAL SHIPBOARD USE)

This amendment forms a part of Military Specification MIL-G-3111C(SHIPS), 25 April 1961.

Page 1

2.1: Under "SPECIFICATIONS, MILITARY", delete reference to "MIL-D-963" and add the following:

SPECIFICATIONS

MILITARY

"MIL-D-1000/2-Drawings, Engineering and Associated Lists.

"MIL-D-9868 - Microfilming of Engineering Documents, 35MM, Requirements for.

"MIL-M-38761/2 - Microfilming; for Engineering/Technical Data Reports, Studies and Related Data, Requirements."

Pages 1 and 2

2.2: Add the following publication:

"AMERICAN WELDING SOCIETY, INC.

"A2.2-58 Nondestructive Testing Symbols."

(Application for copies should be addressed to the American Welding Society, Inc., 345 East 47th Street, New York, N.Y. 10017)."

Page 4

3.3.11: Delete and substitute:

"3.3.11 Shock. Unless otherwise specified (see 6.1), generators shall be capable of withstanding the grade A, class I shock test of MIL-S-901."

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Page 9

Table V, item 1, column 1: Delete "2 and over" and substitute "2 and under".

Page 14

3.4: Delete and substitute:

"3.4 Generator field rheostats. The generator field rheostats shall be furnished as an item detached from the generator set. The field rheostat shall conform to form P of MIL-R-15109, and shall have a rating compatible with the excitation requirements of the direct-current generator. The rheostat shall have sufficient resistance to reduce the open circuit generator voltage to 50 percent of rated value at rated speed. In addition, at rated speed, the rheostat shall be capable of adjusting generator voltage in steps of not more than 0.5 percent of rated voltage between the limits of 96 to 105 percent of rated voltage, and in steps of not more than 1 percent of rated voltage between the limits of 90 to 96 percent of rated voltage between no load and 125 percent of rated load. The rheostat shall be furnished complete with operating handle and mounting brackets, and shall be suitable for back of switchboard mounting for operation from the front of the switchboard."

Page 15

3.9: Delete and substitute:

"3.9 Drawings. Drawings and certification data sheets (C.D.S) shall be furnished in accordance with type II and type III of MIL-D-1000/2 and as specified herein.

3.9.2: Delete and substitute:

"3.9.2 Final drawings shall be microfilm in accordance with type I, class 1 of MIL-M-9868 mounted in aperture cards in accordance with MIL-M-38761/2."

3.9.3; Title and line 3, delete "master"; line 2, delete "MIL-D-963" and substitute "MIL-D-1000/2".

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3.9.3; item (gg), line 2: Delete "MIL-D-963" and substitute "Publication AWS A2.2-58".

3.9.4, line 3: Delete "MIL-D-963" and substitute "MIL-D-1000/2".

Add new paragraph 3.9.5:

"3.9.5 Generator field rheostat drawings. Generator field rheostat drawings shall conform to MIL-R-15109."

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of 3 pages

Page 19

4.1: Delete and substitute:

"4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements."

Pages 24 and 25

4.4.20, item (a): Delete "grade 1" and substitute "grade A".

Pages 25 and 26

6.1: Add new item (p):

"(p) Specify if Hi-shock is not required (see 3.3.11).

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Delete the Notice.

Preparing activity:
Navy - SH
(Project 6115-N251)