

INCH-POUND

MIL-C-28689(YD)  
AMENDMENT 1  
13 February 1991

## MILITARY SPECIFICATION

### CONTAINERS, SHIPPING AND STORAGE, STEEL WALL (WITH AND WITHOUT CABINETRY)

This amendment forms a part of MIL-C-28689(YD), dated 15 August 1990, and is available for use by all Departments and Agencies of the Department of Defense.

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2.1.2: Delete and substitute:

"2.1.2 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

#### DEPARTMENT OF TRANSPORTATION (DoT)

Code of Federal Regulations (CFR), Title 49, Part 450 - Safety  
Approval of Cargo Containers.  
Code of Federal Regulations (CFR), Title 49, Part 451 - Testing  
and Approval of Containers.

(Application for copies should be addressed to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.)

#### DRAWINGS

##### NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC)

6028532 - NCF Container Wall Configurations - 2A/2B.  
6028533 - NCF Container Wall Configurations - 3A/3B.  
6028534 - NCF Container Wall Configurations - 4A/4B.  
6028535 - NCF Container Wall Configurations - 5A/5B.  
6028536 - NCF Container Wall Configurations - D1A/D1B.  
6028537 - NCF Container Wall Configurations - D2A/D2B.  
6028538 - NCF Container Wall Configurations - D3C.  
6139128 - Armory, Air Det (TRICON).  
6139129 - Armory, Air Echelon (ISO Series "1C").

AMSC N/A

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FSC 8145

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ARMAMENT MUNITIONS AND CHEMICAL COMMAND (ROCK ISLAND ARSENAL)

F8449880 - Rack, Storage, Small Arms: M12 (for M16 and M16A1 Rifle).

(Copies of documents, drawings, and publications required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)"

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3.1.2: Delete and substitute:

"3.1.2 Cabinets. The cabinets shall consist of a housing containing a combination of drawers or shelves in various configurations as shown in NAVFAC Drawing Nos. 6028532, 6028533, 6028534, 6028535, 6028536, 6028537, 6028538, 6139128, and 6139129. Configuration number identified with an "A" suffix is installed on the right side of the container as viewed from the container entrance. A "B" suffix indicates the configuration mounted on the left side of the container. The configuration with a "C" suffix is designated to be installed against the end wall of a type II container. Cabinet design shall make maximum use of available space inside container within the constraints established by this specification. The cabinetry, excluding weapons storage racks, shall be provided by a single manufacturer to insure modularity and interchangeability of parts."

3.2: Delete and substitute:

"3.2 First article. The supplier shall furnish one type I, style 1, bulk container; one type I, style 2, 3A/2B configuration container; one type I, style 2, armory configuration container; one type II, style 1, bulk container; and two type II, style 2, D2A/D2B configuration containers for first article examination and test to prove that his production methods produce finished containers that comply with the requirements of this specification. Examination and tests shall be those specified herein and shall be subjected to surveillance and approval by the Government."

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3.4, line 10: Add the following sentence:

"All containers shall be designed and constructed to be weathertight. Any water leakage, either during the simulated rainfall test of 4.5.4 or during actual rain conditions (should they occur) will be considered evidence that the container is not weathertight."

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3.5.1: Delete and substitute:

"3.5.1 Cabinet housing. The cabinet housing shall be of frame reinforced sheet metal construction, shall have a depth of 22 inches  $\pm$  1 inch or 27 inches  $\pm$  1 inch, as shown on the applicable drawings, but shall be no greater than that which will allow an aisle at least 30 inches wide between the two rows of cabinetry. Cabinet housings shall be 28 to 30 inches, 42 to 45 inches or 56 to 60 inches in width (herein identified as 30 inches wide, 45 inches wide, and 60 inches wide respectively). Shelf and drawer installation method shall be so designed as to aid flexibility in arrangement. To accomplish this, the mounting system for shelves and drawers shall be adjustable in a maximum of 1-1/2-inch increments to allow raising or lowering of the shelves and drawers."

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3.5.2: Delete and substitute:

"3.5.2 Drawers. Drawers shall be of a design which allows installation of partitions and dividers and makes possible a wide range of subdivisions to accommodate small parts. Compartments as small as 2 inch by 2 inch shall be attainable. Drawers shall be capable of being open fully to allow full visibility of the contents. Sidewall height shall be not less than 70 percent of usable height of drawer."

TABLE III: Delete and substitute:

"TABLE III. Drawer partition and dividers required per drawer."

Drawer Size W x D x H*	Nominal Width of Divider (in inches)					Partitions
	2 5/8	3 5/8	5 3/4	7 7/8	12 1/8	Side-side mounting
30 x 27 x 2	2	4	4	2	1	4
30 x 27 x 4	1	4	2	2	1	3
30 x 27 x 6	0	3	2	2	1	3
30 x 27 x 7	0	1	2	4	1	3
45 x 27 x 2	5	8	6	5	4	5
45 x 27 x 4	1	3	3	3	2	4
45 x 27 x 6	0	4	6	4	2	3
45 x 27 x 7	0	1	3	3	2	2
60 x 27 x 2	1	4	3	3	1	4
60 x 27 x 7	0	1	3	2	1	3
30 x 22 x 2	3	4	3	2	1	4
30 x 22 x 4	1	4	4	1	1	4
30 x 22 x 6	0	3	3	1	1	3
30 x 22 x 7	0	1	1	2	1	3

NOTE 1: Drawer width, W, (30, 45, 60) indicates compatibility with cabinet housing width (see 3.5.1).

NOTE 2: Asterisk (\*) indicates "H" is usable height.

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TABLE IV, Classification 137: Delete "Paint thickness adhesion, core not as specified." and substitute "Paint thickness, adhesion, or cure not as specified."

Preparing Activity:  
Navy - YD

(Project 8145-N043)