

MIL-C-5584C
 AMENDMENT 3
16 June 1976
 SUPERSEDING
 AMENDMENT 2
 9 December 1974

MILITARY SPECIFICATION

CONTAINERS, SHIPPING AND STORAGE, METAL REUSABLE

This amendment forms a part of Military Specification MIL-C-5584C, dated 26 July 1968, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

2.1, under SPECIFICATIONS, Federal:

Delete entire listing and replace with the following:

| | |
|-----------|--|
| QQ-P-416 | Plating, Cadmium (Electro-Deposited) |
| TT-C-490 | Cleaning Methods and Pretreatment of Ferrous Surfaces for Organic Coatings |
| TT-C-650 | Cresote - Coal Tar Solution |
| TT-E-527 | Enamel, Alkyd, Lustreless |
| TT-E-529 | Enamel, Alkyd, Semi-gloss |
| TT-I-1795 | Ink, Marking, Stencil, Opaque (Porous and Non-Porous Surfaces) |
| TT-P-636 | Primer, Coating, Alkyd, Wood and Ferrous Metal |
| TT-P-664 | Primer, Coating, Synthetic, Rust-inhibiting, Lacquer-resisting |
| TT-P-1757 | Primer Coating, Zinc Chromate, Low Moisture Sensitivity |
| TT-W-571 | Wood Preservation: Treating Practices |

Lower right corner, delete "FSC 8115", substitute "FSC 8145".

PAGE 2

2.1, under SPECIFICATIONS, Military:

Delete the following:

| | |
|-------------|--|
| "MIL-T-5021 | Tests, Aircraft and Missile Welding Operators Qualification" |
| "MIL-E-5556 | Enamel Camouflage, Quick Drying" |
| "MIL-S-6855 | Synthetic Rubber Sheets, Strips, Molded or Extruded Shapes" |
| "MIL-P-8585 | Primer Coating, Zinc Chromate, Low-Moisture-Sensitivity" |

FSC 8145

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Change "MIL-C-5541 Chemical Films & Chemical Film Materials for Aluminum and Aluminum Alloys" to read "MIL-C-5541 Chemical Conversion Coatings on Aluminum and Aluminum Alloys".

2.1, under STANDARDS, Military:

Delete "MS 33586 Metals, Definition of Dissimilar".

Add "MIL-STD-648 Design Criteria For Specialized Shipping Containers".

Add "MIL-STD-889 Dissimilar Metals".

2.1, under STANDARDS, Federal:

Change "FED-STD-101 Preservation, Packing Materials Test Procedures" to read "FED-STD-101 Preservation, Packaging and Packing Materials: Test Procedures".

2.1, below STANDARDS, Federal:

Delete "AIR FORCE, NAVY AERONAUTICAL BULLETINS".

Delete "No. 343 Specification & Standards Applicable to Aircraft Engines & Propellers, Use of".

Delete "No. 422 Standardized Procurement & Utilization".

PAGE 3

3.2.1, line 2: Delete "Drawing MS 33586" and substitute "MIL-STD-889".

3.2.2: Delete this paragraph in its entirety.

3.3.2.1: Delete in its entirety and substitute renumbered paragraph:

"3.2.2.1. Standard Parts. Standard parts (MS, AN or NAS) shall be used whenever they are suitable for the purpose and shall be identified on the drawing by their part numbers. Commercial utility parts such as screws, bolts, nuts, cotter pins, etc., may be used provided they possess suitable properties and are replaceable by the standard part (MS, AN or NAS) without alteration, and provided the corresponding standard part numbers are referenced in the parts list and on the contractor's drawings. In the event there is no suitable corresponding standard part in effect on date of invitation for bids, commercial parts may be used provided they conform to all requirements of this specification."

PAGE 4

3.3.1.4, line 6: Delete "4.4.9" and substitute "4.7.9".

3.3.3.2.2, lines 3, 4, and 5: Delete second sentence "Sealing gaskets ... continuous gasket.", and substitute "All gasket joints shall be processed so as to form a continuous gasket."

PAGE 5

3.3.4.4, line 1: Delete "minimum", substitute "a".

3.3.4.6, line 2: Delete "and end". Following first sentence, add the following: "The container ends shall be similarly constructed to afford forklift truck entry when the length of the container is between 3 feet and 10 feet."

PAGE 6

3.3.4.7: Delete this paragraph in its entirety.

3.3.5.4.2: Delete in its entirety and substitute:

"3.3.5.4.2 Automatic Relief Valve. The automatic relief valve(s) shall conform to MIL-V-27166, Type III, Class 1, unless otherwise specified (see 6.2). The flow rate of the relief valve(s) shall be adequate to protect the container against damage when subjected to differential pressures in the standard hot atmosphere and altitude range from 0 to 50,000 feet prescribed in MIL-STD-210."

PAGE 7

3.3.5.5, line 1: Delete "Unless otherwise specified a receptacle..." and substitute "Unless otherwise specified (see 6.2) a receptacle...".

3.4: Delete in its entirety and substitute:

"3.4 Design Considerations. The standardization and interchangeability of containers and parts shall be governed by the provisions of MIL-STD-648."

3.5, line 7: Add "Consideration shall be given, while designing the container, to making it compatible with the transportability and handling requirements of MIL-STD-648."

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3.6.2: Delete in its entirety and substitute renumbered paragraph as follows:

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"3.7.2 Painting. All aluminum surfaces shall be painted with one coat of primer conforming to TT-P-1757 and two coats of enamel conforming to TT-E-529 or TT-E-527. All steel surfaces shall be painted with one coat of primer TT-P-664 and two coats of enamel conforming to TT-E-529 or TT-E-527. Wooden surfaces excepting skids shall be painted with one coat of enamel conforming to TT-E-529."

3.7.3, line 2: Delete "X24087" and substitute "24087 or 34087".

3.9, line 2: Delete "TT-I-558" and substitute "TT-I-1795" and delete "MIL-E-5556" and substitute "TT-E-527 or TT-E-529".

3.9, line 5: After "indicated.", add "(unless impractical in which case markings may be reduced 50 percent)."

3.9b, line 2: Delete "4" and substitute "2".

PAGE 10

3.13.2: Delete in its entirety.

PAGE 12

4.7.2, line 6: After "immersion test.", add "(see 4.7.2.2)".

PAGE 13

4.7.5: Delete in its entirety.

4.7.6.1, line 2: Delete "Method 211" and substitute "Method 5023".

4.7.6.2, line 2: Delete "Method 212" and substitute "Method 5012".

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6.3, line 5: Delete "MIL-C-1000" and substitute "MIL-D-1000, Level 3".

Custodians:

Army - AV
Navy - AS
Air Force - 69

Preparing Activity:

Air Force - 69

User Activity:

Air Force - 70

Review Activities:

Army - AT, AV, GL, WC
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