

INCH-POUND

MIL-F-53043 (ME)
 AMENDMENT 2
25 August 1994
 SUPERSEDING
 AMENDMENT 1
 20 September 1991

MILITARY SPECIFICATION
 FORWARD AREA WATER POINT
 SUPPLY SYSTEM

This amendment forms a part of MIL-F-53043 (ME), dated 20 July 1984, and is approved for use within the USA Belvoir Research, Development and Engineering Center, Department of the Army and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

2.1.1, under SPECIFICATIONS, FEDERAL add:

"PPP-T-60 - Tape, Packaging, Waterproof."

PAGE 2

* 2.1.1, under SPECIFICATIONS, MILITARY, delete MIL-P-775, MIL-C-1283, MIL-G-20241, and MIL-E-52798 in their entirety, and add:

"MIL-B-121 - Barrier Materials, Greaseproofed, Waterproofed, Flexible.
 MIL-H-775 - Hose, Hose Assemblies: Rubber, Plastic, Fabric or Metal (Including Tubing); and Associated Hardware, Packaging of.
 MIL-T-22085 - Tape, Pressure Sensitive, Adhesive, Preservation and Sealing.
 MIL-C-46168 - Coating, Aliphatic Polyurethane, Chemical Agent Resistant.
 MIL-C-53109 - Can, Fuel, Military: Plastic, 5-Gallon Capacity."

* MIL-P-52109, delete the title and substitute: "Pump Assembly, Centrifugal, 2-Inch, Diesel-Engine-Driven (For Water)."

AMSC N/A

FSC 4320

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

MIL-F-53043 (ME)

AMENDMENT 2

PAGE 3

2.2, after ASTM mailing address, add:

"AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA)

- | | | |
|----------|---|--|
| AWPA C 1 | - | All Timber Products - Preservative Treatment by Pressure Process. |
| AWPA C 2 | - | Lumber, Timbers, Bridge Ties and Mine Ties - Preservation Treatment by Pressure Process. |
| AWPA C 9 | - | Plywood - Preservation Treatment by Pressure Process. |

(Applications should be addressed to the American Wood Preserver's Association, P.O. Box 849, Stevensville, MD 21666-0849.)"

PAGE 4

3.3.1.1, lines 3 and 4, delete "chromate tape conforming to MIL-C-20241 or".

3.5.1, lines 3 and 4, delete "type A, with the finish coat in accordance with MIL-E-52798, type I, color sand" and substitute "type F or G, as applicable, with the finish coat in accordance with MIL-C-46168, type II, color No. 686."

PAGE 5

3.6, lines 7 and 8, delete item No. 2 (Bag, drinking water storage) in its entirety.

* Delete items No. 3 and 5, in their entirety and substitute:

- | | | | |
|----|--|---|---|
| "3 | Can, gasoline military (5-gallon) | NSN 7240-01-337-5268
(MIL-C-53109)." | 2 |
| "5 | Pump assembly, centrifugal, 2-inch, diesel-engine-driven (for water) | NSN 4320-01-156-3873
(MIL-P-52109)." | 1 |

PAGE 9

5.1.2.2.1, line 2, delete "MIL-P-775" and substitute "MIL-H-775".

5.1.2.2.2, line 2, delete "MIL-P-775" and substitute "MIL-H-775".

MIL-F-53043 (ME)
AMENDMENT 2

PAGE 10

5.2.1, delete in its entirety and substitute:

"5.2.1 Level A. All lumber/plywood used in the construction of the exterior crates/boxes shall be treated with wood preservative in conformance with the composition B or D of TT-W-572. Alternatively, the lumber/plywood of the exterior crates/boxes may be treated with water-borne preservative chromated copper arsenate (CCA) in accordance with processes described in American Wood Preserver's Association (AWPA) standards C1, C2, and C9. When CCA is used, the following additional conditions must be satisfied:

- a. Such treatment shall result in a minimum retention of 0.40 pounds of preservative per cubic foot of lumber/plywood as defined in the applicable standard(s) referenced in AWPA C1, C2, and C9.
- b. After treatment, the material shall be dried to a moisture content of 19 percent or less.
- c. All fasteners used in the fabrication of any component of a wooden container, all fasteners used in the blocking, bracing, and anchoring of the contents to any component of a wooden container, and all fasteners used to assemble a wooden container together, shall be hot-dip galvanized fasteners.
- d. All metal surfaces of the product that can come in direct contact with the treated lumber/plywood, shall be protected with non-corrosive barrier material conforming to MIL-B-121, type I, grade A, class 2. The material shall completely cover the contact surfaces and shall be secured in place with tape conforming to PPP-B-60, type IV or MIL-T-22085, type II.

After 6.5, add:

"6.6 Wood preservatives (see 5.2.1). The intent of the wood preservative applications specified in 5.2.1 is to prolong the serviceability of the wooden shipping containers. Compositions B and D of TT-W-572 can offer reliable protection for periods up to thirty years against decay and wood-destroying organisms provided such treated containers are not stored in direct contact with the ground. The preservative CCA provides reliable protection against the same undesirable elements for periods as long as forty years. However, the properties of CCA and the prescribed methods of application are such that the treated container may be stored in direct contact with the ground, even buried underground, for that forty year period and continue to provide the desired degree of reliable protection. When level A packing is a requirement of the contract and it is known that the containers are to be exposed to unfavorable environmental conditions for an undetermined period of time, the contracting officer should request the use of the wood preservative CCA.

MIL-F-53043 (ME)
AMENDMENT 2

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment 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.

Custodian:
Army - ME

Preparing activity:
Army - ME

Project 4320-A376