INCH-POUND

MIL-N-24408E(SH)
AMENDMENT 1
28 February 2002

MILITARY SPECIFICATION

NOZZLES, FIRE HOSE, COMBINATION AQUEOUS FILM FORMING FOAM, WATER SPRAY, ADJUSTABLE PATTERN (SHIPBOARD USE)

This amendment forms a part of MIL-N-22408E(SH), dated 30 November 1994, and is approved for use by the Naval Sea Systems Command, Department of the Navy, and is available for use by all departments and agencies of the Department of Defense.

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2.1.1: Under "SPECIFICATIONS, FEDERAL", delete:

"PPP-F-320 - Fiberboard, Corrugated and Solid Sheet Stock (Container Grade), and Cut Shapes."

2.1.1: Under "SPECIFICATIONS, MILITARY", delete:

"MIL-P-116 - Preservation, Method of."

2.1.1: Under "STANDARDS, FEDERAL, FED-STD-H28/10", delete "American National Hose Coupling and Fire-Hose Coupling Threads." and substitute "Screw Thread Standards for Federal Service Section 10 Hose Coupling and Fire Hose Coupling Screw Threads."

2.1.1: Under "STANDARDS, FEDERAL", delete:

"FED-STD-151 - Metals; Testing Methods."

2.1.1: Under "STANDARDS, MILITARY, MIL-STD-2073-1", delete "DOD Material Procedures for Development and Application of Packaging Requirements." and substitute "Standard Practice for Military Packaging (Superseding MIL-STD-2073-2, MIL-STD-1510, MIL-P-116)."

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2.2: Under "AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) A 313", delete:

"Chromium Nickel" and "and Heat Resisting".

2.2: Under "AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) A 580", delete:

"and Heat Resisting".

2.2: Under "AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)" and following "B 62", insert:

"B 117 - Standard Specification for Operating Salt Spray (Fog) Apparatus."

2.2: Under "AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)" and following B 584, insert:

"B 783 - Standard Specification for Materials for Ferrous Powder Metallurgy (P/M) Structural Parts."

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2.2: Under "AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)" and following D 4181, insert:

"D 4727 - Standard Specification for Corrugated and Solid Fiberboard Sheet Stock (Contained Grade) and Cut Shapes."

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3.3.2: Delete and substitute:

"3.3.2 Nozzle body and internal components. The nozzle body and all parts that are internal and in contact with the fluid flow, unless otherwise specified, shall be of bronze or stainless steel alloys. Bronze shall be in accordance with alloy 836 of ASTM B 62 or ASTM B 505, alloy 642 of ASTM B 150, alloy 932 of SAE J462, or alloy 922 of ASTM B 584. Stainless steel alloys shall be 304 or 316 in accordance with ASTM A 580 or ASTM B 783. Resin impregnation is required on ASTM B 783 parts. See appendix B. See paragraph 3.3.18 for internal spring material requirements."

3.3.6: Delete and substitute:

"3.3.6 O-ring seals. O-ring seals shall be made of Viton, (fluorocarbon) or BUNA N (nitrile) elastomer material. Viton O-rings shall have a Shore A durometer of 70 - 75, and be manufactured in accordance with MIL-R-83248. Buna N O-rings shall conform to type BF, BK, or CH of ASTM D 2000, with a 65-75 durometer hardness."

3.3.7: Delete and substitute:

"3.3.7 Bail handle. The handle shall be made of urethane thermoplastic, bronze or nylon. Urethane thermoplastic shall be black and conform to 2BG540B31F17, Shore D, of ASTM D 2000. Bronze shall be in accordance with alloy 836 of ASTM B 62 or alloy 876 of ASTM B 584. Nylon shall be black and in accordance with PA 162 of ASTM D 4066."

3.3.8, first sentence: Insert "black" between "of" and "Ethylene" and between "2000;" and "Nylon".

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3.3.14, line 3: Delete "Locktite" and substitute "Loctite".

3.3.15: Delete and substitute:

"3.3.15 Gaskets. The female coupling shall be furnished with a fitted gasket."

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4.7.1, line 3: Delete "FED-STD-151" and substitute "ASTM B 117".

PAGE 15

5.1.1.2, line 4: Delete "PPP-F-320" and substitute "ASTM D 4727".

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5.1.2.1, line 2: Delete "method III of MIL-P-116" and substitute "MIL-STD-2973-1".

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20.1.2, line 5: Delete "DEPARTMETN" and substitute "DEPARTMENT".

Preparing activity:
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