

MIL-V-12003F  
AMENDMENT 1  
27 November 1984

MILITARY SPECIFICATION

VALVES, PLUG: CAST IRON OR STEEL,

MANUALLY OPERATED

This amendment forms a part of Military Specification MIL-V-12003F, dated 8 August 1980, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

Table I, under Symbol, add "D"; under Characteristics, add "Type IV, non-lubricated, PTFE sleeved tapered plug".

PAGE 4

2.1, delete the paragraph and insert:

"2.1 Government documents.

"2.1.1 Specifications and standards. Unless otherwise specified, the following specifications and standards of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation, form a part of this specification to the extent specified herein."

Under SPECIFICATIONS, FEDERAL, delete L-P-403 in its entirety.

PAGE 5

Under STANDARDS, MILITARY, delete:

"MIL-STD-1188 - Commercial Packaging of Supplies and Equipment."

PAGE 6

Under AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) add:

"D 1457 - PTFE Molding and Extrusion Materials.  
D 3951 - Standard Practices for Commercial Packaging."

FSC 4820

MIL-V-12003F  
AMENDMENT 1

PAGE 7

Add new paragraph:

"2.3 Order of precedence. In the event of a conflict between the text of this specification and the references cited herein, the text of this specification shall take precedence."

Table VII, under Material, delete "cast iron" and substitute "cast iron or ductile iron".

PAGE 9

3.8.1, line 1, after "on steel valves", add "incorporating metal to metal seats."

3.8.2, line 3, after "conforming to" delete "L-P-403, Type IV, Class 1" and substitute "ASTM D 1457, Type I, III, IV and V".

3.20.1, line 1, after "seal inserts", add "or sleeves".

Add new paragraph:

"3.22 Type IV, non-lubricated TF sleeved plug. The valve body shall be fitted with a tapered, one piece, PTFE sleeve. The plug and stem shall be one piece. The sleeve shall be retained in the body to prevent sleeve rotation. A means must be provided for simultaneous adjustment of external and line seals. Unless otherwise specified, (see 6.2), valves 2-inch through 4-inch nominal size shall be style A; shall be wrench, bar, handwheel, or breakover handle operated. All other valve sizes shall be style B and shall be handwheel or breakover handle operated."

PAGE 19

5.1.2, line 2, delete "MIL-STD-1188" and substitute "ASTM D 3951."

PAGE 20

5.2.3, line 2, delete "MIL-STD-1188" and substitute "ASTM D 3951."

5.3, line 3, delete "MIL-STD-1188" and substitute "ASTM D 3951."

6.1, under "Types" add:

"Type IV - Nonlubricated, PTFE sleeved tapered plug - used for same applications as Type II."

MIL-V-12003F  
AMENDMENT 1

PAGE 21

6.2(m), delete "(see 3.19 and 3.20)" and substitute "(see 3.19, 3.20, and 3.22)."

Custodians:

Army - ME  
Navy - YD

Preparing activity:

Army - ME

Project 4820-0484

Review activity:

DLA - CS

User activities:

Army - CE  
Navy - MC

☆ U.S. GOVERNMENT PRINTING OFFICE: 1984 -- 505-038/20144