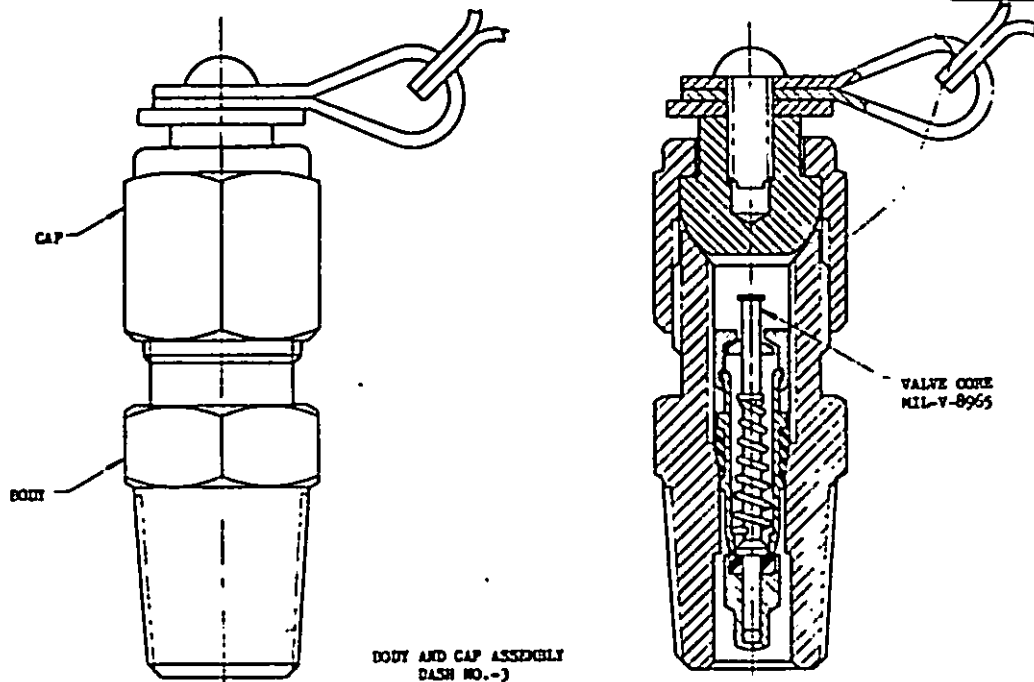


Review activities: USAP-11,71  
NAVY-45



**CLEANLINESS:** THE VALVE SHALL BE CLEAN, DRY, AND FREE OF OIL, GREASE, AND ANY OTHER FOREIGN MATTER.

**TESTING:** WITH THE CAP REMOVED, THE VALVE SHALL BE PRESSURIZED FROM THE OUTLET END TO A MINIMUM PRESSURE OF 2100 PSIG. UNDER THIS CONDITION, LEAKAGE SHALL NOT EXCEED 10 CUBIC CENTIMETERS PER MINUTE. THE CAP SHALL BE INSTALLED, THE VALVE PRESSURIZED FROM THE OUTLET END TO A MINIMUM PRESSURE OF 2100 PSIG AND COMPLETELY SUBMERGED IN WATER. LEAKAGE SHALL NOT EXCEED 1 BUBBLE PER 30 MINUTES.

**MATERIAL:** BODY, CAP, WASHER, AND PLUG STEEL, MIL-S-7720, COMPOSITION 302, PHYSICAL CONDITION B, SURFACE CONDITION D. RING, STEEL, QQ-V-423, FORM 1, COMPOSITION F8302, CONDITION B.

**FINISH:** PLUG, WASHER, NUT, AND BODY PASSIVATE.

**SURFACE ROUGHNESS:** UNLESS OTHERWISE SPECIFIED, MAXIMUM SURFACE ROUGHNESS SHALL BE  $12\sqrt{1}$  INCH IN ACCORDANCE WITH ANSI 46.1. REMOVE ALL BURRS AND SHARP EDGES.

**DIMENSIONS IN INCHES.** UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS  $\pm .005$ . ANGLES  $\pm 1/2^\circ$ .

**INTERCHANGEABILITY:** THIS VALVE IS DIMENSIONALLY AND FUNCTIONALLY INTERCHANGEABLE WITH VALVE NUMBER 583336 SHOULD BE USED UNTIL SUPPLY IS EXHAUSTED.

DASH NUMBER	ITEM
-1	BODY
-2	CAP ASSEMBLY
-3	BODY AND CAP ASSEMBLY

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID. (FOR CHANGES SEE SHEET 2)

© DENOTES CHANGES

P.A. USAP - 71 Other Cost	TITLE	MILITARY STANDARD
NAVY - 45 AF - 99	VALVE, CHECK, OXYGEN CHARGING	MS 22066
PROCUREMENT SPECIFICATION NONE	SUPERSEDES: USAP DWG 583336, 58A3537	SHEET 1 OF 2

