

MILITARY SPECIFICATION

VALVES, REMOTE CONTROL, DIAPHRAGM ACTUATED  
(FLUID SYSTEMS, 150 and 250 P.S.I. W.P. 140°F MAXIMUM)

This amendment forms a part of Military Specification MIL-V-15508B, dated 25 January 1971, 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, under "SPECIFICATIONS, MILITARY": Delete reference to "MIL-D-1000" and "MIL-D-1000/2" and substitute "DOD-D-1000 - Drawings, Engineering and Associated Lists."

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3.3.4.1: Delete and substitute:

"3.3.4.1 Body markings. Valve bodies shall have the pressure rating and manufacturer's name or trademark cast or forged integral with the valve body. Globe valves shall have a bridge wall marking in addition to the above markings. When necessary, metal stamping shall be permitted on the neck of the valve body or other body or bonnet flange not subjected to high stress in service."

Add as new paragraph, 3.3.4.2:

"3.3.4.2 Identification plates. Valves shall bear an identification plate made of corrosion-resisting steel or brass. Identification plates shall be permanently fastened to a part of the valve not subjected to working pressure, preferably the yoke and shall include the following data or a space therefor:

- (a) Manufacturer's name or trademark.
- (b) Size of valve and rating.
- (c) Body and bonnet material composition.
- (d) Valve trim identification (STEM-DISC-SEAT).
- (e) Manufacturer's identification number (optional).
- (f) Certification data sheet number or manufacturer's drawing number.
- (g) MIL-V-15508 (appropriate revision letter).
- (h) Component identification number (CID) (if known).
- (i) Contract number. "

3.6: Delete and substitute:

"3.6 Drawings. The contractor shall prepare drawings in accordance with DOD-D-1000, level 3 prior to qualification inspection and the following unique features shall be included:

- (a) Accurately sealed sectional assembly which clearly depicts the design and construction of the valve.
- (b) Bill of material listing specification, grade, condition, and any other data required to fully identify the properties of the materials proposed.
- (c) Details of the seat, disc, stem assembly and all other replaceable internal trim,
- (d) Layout of the pressure-containing envelope (body bonnet, and bottom cap) giving dimensions which control compression of the spiral-wound gaskets. This is to assure that where remachining is necessary to repair the gasket-sealing surfaces these parts, that compensating cuts can be accurately made to restore original gasket compression. This layout shall also specify that dimensional limits of such corrective remachining within which function of the valve remains affected.
- (e) Recommended assembly torques, or equivalent procedures, for marking up all joints and threaded assemblies.
- (f) Tabulation of required gasket characteristics including all dimensions (with tolerances) and load versus compression characteristics (with tolerances).
- (g) Mark areas to be radiographic, magnetic particle, or dye penetrant inspected."

Custodians:

Army - ME  
Navy - SH  
Air Force - 99

Preparing activity:

Navy - SH  
(Project 4810-0053)

Review activities:

Navy - YD  
Air Force - 82  
DLA - CS

User activities:

Army - AT, CE  
Navy - MC