

MIL-V-2042D(SHIPS)
AMENDMENT-3
7 December 1971
SUPERSEDING 1/
Amendment-2
15 October 1968

MILITARY SPECIFICATION

VALVES, REDUCING, WATER SERVICE, FOR NAVAL SHIPBOARD USE

This amendment forms a part of Specification MIL-V-2042D(SHIPS), 24 July 1968.

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2.1: Under "SPECIFICATIONS, MILITARY" add:

"MIL-M-15071 - Manuals, Technical: Equipments and Systems Content Requirements for.
MIL-I-45208 - Inspection System Requirements."

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Table I: Delete requirement for "Non-metallic seals" and substitute:

"Disc insert
and seals

Polyurethane (polyether), Buna,
Butly, Viton or other suitable
materials when approved for this
application."

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Add as paragraph 3.4.16:

"3.4.16 Bottom cap/body joint. The bottom cap/body joint may be of either threaded or flanged construction. A properly retained gasket or O-ring shall be provided to seal against external leakage."

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Add as paragraphs 3.8.3 and 3.9:

"3.8.3 Limited rights legend. When the Government has only limited rights in the data shown on the drawings, as determined by the contractual provisions regarding rights in technical data, the drawings furnished may

1/ CHANGES FROM PREVIOUS ISSUE. THE OUTSIDE MARGINS OF THIS DOCUMENT HAVE BEEN MARKED "#" TO INDICATE WHERE CHANGES (DELETIONS, ADDITIONS, ETC.) FROM THE PREVIOUS ISSUE HAVE BEEN MADE. THIS HAS BEEN 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 AS WRITTEN IRRESPECTIVE OF THE MARGINAL NOTATIONS AND RELATIONSHIP TO THE LAST PREVIOUS ISSUE.

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"3.9 Manuals. Manuals shall be furnished in accordance with type I of MIL-M-15071. The quantity and distribution of manuals shall be as specified (see 6.2). The following, in addition to that required for type I of MIL-M-15071, shall be included as part of the manual contents:

- (a) The approved engineering drawings for the valve (including certification data sheet). These drawings shall be supplemented by additional illustrations where necessary to adequately illustrate operation and maintenance. These additional illustrations may consist of blowouts, partial or full sections, etc., and may eliminate extraneous lines and details to clarify the interaction of parts.
- (b) Table listing wrench sizes and assembly torques (or other equivalent procedures) for making up all joints and threaded assemblies.
- (c) Instructions to permit overhaul by shipyard or other repair facility. These should include procedures for checking all critical dimensions subject to wear or change and the acceptable dimensional limits, surface finish condition, etc. Also, the appropriate procedure (i.e. part replacement, correction at repair facility, or repair at manufacturer's facility) which should be followed to correct each case of damage or wear.
- (d) Detailed disassembly and reassembly procedures. In addition to providing procedures for the complete disassembly and reassembly of the equipment, maintenance and troubleshooting sections shall contain, or refer to, only the limited disassembly and reassembly required to accomplish each particular operation. This is intended to reduce the possibility of unnecessary disassembly and unnecessary disturbance of adjustments when performing specific or limited maintenance or troubleshooting operations.

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(e) Adjustment procedures."

Add as paragraph 4.1.1:

"4.1.1 Inspection system. The supplier shall provide and maintain an inspection system acceptable to the Government for supplies and services covered by this specification. The inspection system shall be in accordance with MIL-I-45208 (see 6.2 and 6.7)."

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6.2: Add as Items (l) and (m):

"(l) Manuals (quantity and distribution) (see 3.9).
(m) Quality assurance requirements (see 4.1.1)."

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Add as paragraph 6.7:

"6.7 Management control system document. The following management control system document should be included on DD Form 1660:

(a) MIL-I-45208 (see 4.1.1)."

Preparing activity:
Navy - SH
(Project 4820-N265)

