| INCH-POUND |

A-A-50541
January 22, 1993
SUPERSEDING
MIL-V-16271F
26 July 1988

COMMERCIAL ITEM DESCRIPTION

VALVES, TANK FLOAT, ANGLE AND GLOBE PATTERN

The General Services Administration has approved the use of this Commercial Item Description (CID) as a replacement for Military Specification MIL-V-16271F which is canceled.

Abstract. This CID covers internal-pilot-actuated tank float valves of the angle and globe pattern for use with salt or fresh water at pressures between 15 and 125 pounds per square inch gage (psig) and temperatures up to 90 degrees (°) Fahrenheit (F).

Classification. Tank float valves shall be of the following styles and sizes:

Style A - Angle pattern.
Style B - Globe pattern.

Size as specified.

Salient characteristics.

1. Description. Globe and angle pattern tank float valves shall consist of a body, bonnet, piston, disk, pilot stem, a packing gland if the pilot stem passes through the bonnet, yoke, float, and arm. Valve ends shall be internally threaded unless otherwise specified.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commanding Officer (Code 156), Naval Construction Battalion Center, 621 Pleasant Valley Road, Port Hueneme, CA 93043-4300.

FSC 4820

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

2. Materials.

Gray-iron castings shall conform to ASTM A126 for class B castings.
Bronze parts shall conform to ASTM B61 or B62.
Brass parts shall conform to ASTM B21, alloy C46400.
Corrosion-resistant steel parts shall conform to ASTM A276, type 416.
Copper silicon alloy parts shall conform to ASTM B98, alloy C65500.

Valves bodies 3-inch nominal pipe size and smaller shall be bronze. Larger valve bodies shall be cast iron or bronze.

Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this CID and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Regulatory requirements. The offerer/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

Preservation, packaging, packing, labeling, and marking. Preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

Part identification number. The following part identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.

Part identification designation A 50541 - X - XX

Designates a CID

CID Number

Style

Size

Notes. Purchaser should specify style and size.

ASTM Standards are available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

MILITARY INTERESTS:

Custodians

Army - ME
Navy - YD
Air Force - 99

Review Activities

Air Force - 82
DLA - CS

User Activity

Army - CE

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

PREPARING ACTIVITY:

Navy - YD

(Project 4820-0636)