

INCH-POUND

A-A-52194

August 19, 1994

COMMERCIAL ITEM DESCRIPTION

STAND, MIXING BOWL, MOBILE

The General Services Administration has authorized the use of this commercial item description in preference to MIL-S-1980 for all federal agencies.

1. SCOPE

1.1 Scope. This commercial item description covers one size of mobile mixing bowl stand. This item is also known as a bowl truck or a bowl dollie (dolley).

2. SALIENT CHARACTERISTICS

2.1 Design and construction. The mixing bowl stand shall accommodate 30, 40, 60, and 80 quart size mixing bowls. The same stand shall be used for all size bowls, but adapters may be used to accommodate smaller size bowls. When a manufacturer elects to use adapters, the adapters shall be furnished with the stand. The stand shall be constructed in the form of a stable ring structure. The mixing bowl stand shall be constructed to withstand the weight of an 80 quart bowl loaded with 200 ± 5 pounds and then pushed at a 30° angle over a $3/8$ inch high, 3 inch wide obstacle ten times without tipping over or damaging the stand. The stand shall be

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AMSC N/A

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fabricated of zinc coated carbon steel, galvanized steel, cast iron, or aluminum alloy. Any necessary supports shall be welded or riveted to the ring(s). When specified, the overall height of the mixing bowl stand, including casters, shall be between 26 and 28-5/8 inches (see 6.2). Also, when specified, the inside diameter of the mixing bowl stand shall be $19 \pm 1/8$ inches and the reducing ring $16-1/4 \pm 1/8$ inches (see 6.2).

2.1.1 Casters. The stand shall be provided with four heavy duty removable swivel casters, rubber or neoprene tired, with a wheel diameter of not less than four inches. Two casters, diagonally opposite each other, shall be equipped with brakes.

2.1.2 Brakes. In lieu of casters with brakes, the unit may be provided with a foot operated brake with a hinged foot plate positioned so that pressure by the foot shall prevent the stand from moving. The brake shall be designed to swing upward when not in use.

2.1.3 Bowl stand adapters. A bowl stand adapter(s)/reducing ring(s) shall be provided by the contractor if needed to accommodate all sizes or if specified (see 2.1). The adapter shall be fabricated of zinc coated carbon steel, galvanized steel, or cast aluminum. The outside diameter of the reducing ring shall fit the upper ring of the stand and shall be supported in place by three equally spaced lugs or clips welded or riveted to the reducing ring.

2.2 Standard compliance. The stand and casters shall conform with the applicable requirements of NSF International Standard No. 2 (see 3.2).

2.3 Identification marking. The stand shall be permanently and legibly marked with the manufacturers name, trade name, or trade mark. Use of "stick-on" or removable labels is prohibited.

2.4 Workmanship. The finished product shall be complete, clean, and free of fabrication marks, scratches, dents, sharp edges, sharp corners, burrs, slivers, or visible evidence of rust. Rivets, when used, shall be tight and the rivet heads and preened ends shall be round and concentric and in full contact with the joined metal surfaces. There shall be no empty rivet holes. Welds shall be clean, continuous, sound, and free of flux, pits, buildups,

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undercuts, and shall be ground so as to blend with the adjacent surfaces. Spot welds shall be free from pits, burn throughs, and flashes.

3. REGULATORY REQUIREMENTS

3.1 Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, provided they fall within the tolerances specified using conversion tables contained in the latest revision of Federal Standard No. 376, and all other requirements of this commercial description are met. If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch-pound units, a request should be made to the contracting officer to determine if the product is acceptable. The contracting officer has the option of accepting or rejecting the product.

3.2 Recovered Materials. The offerer/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4. QUALITY ASSURANCE PROVISIONS

4.1 Contractor certification. The contractor shall certify, and maintain substantiating evidence, that the product offered meets the salient characteristics and requirements of this Commercial Item Description, and that the product conforms to the producer's own drawings, specifications, standards and quality assurance practices, and is the same product offered for sale in the commercial marketplace, or is the same product that has successfully been delivered to the government on a previous contract or purchase order. 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.

4.2 Compliance. Prior to approval of the first shipment, the contractor shall submit satisfactory evidence to the contracting officer or his authorized representative that the mixing bowl stands conform to the applicable requirements of NSF International Standard No. 2.

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4.2.1 NSF International. Acceptable evidence of meeting the requirements of NSF International No. 2 shall be a listing in the current edition of the NSF International "Listing of Food Service Equipment" and display of the NSF International mark on the finished product, or a certified test report from a recognized independent laboratory acceptable to the medical authority of the Government indicating the item complies with the applicable NSF International requirement(s). Acceptability of the testing laboratory by the medical authority of the Government will be obtained prior to the award of any contract or procurement document.

5. PACKAGING

5.1 Packing. Each mixing bowl stand shall be packed in a snug-fitting, fiberboard shipping container conforming to style RSC, type CF or SF, grade 275, class domestic of ASTM D 5118. Cushioning shall be used as necessary to prevent movement or damage during transit. Box closure shall be in accordance with ASTM D 1974.

5.2 Marking. Marking of containers shall be in accordance with MIL-STD-129.

6. NOTES

6.1 Intended use. The mixing bowl stands are intended for moving food ingredients in mixing bowls to and from mixing machines in permanent bakeries and kitchens.

6.2 Acquisition requirements. Acquisition documents must specify the following:

- a. Title, number, and date of this commercial item description.
- b. When height is specified (see 2.1).
- c. When inside diameter of mixing bowl stand and reducing ring is specified (see 2.1).

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6.3 Sources for documents.

6.3.1 Source for non-Government association documents.

NSF International Standard No. 2 - Food Service Equipment

This NSF International document is available from:

NSF International
3475 Plymouth Road
P.O. Box 130140
Ann Arbor, MI 48113-0140

ASTM D 1974 - Methods of Closing, Sealing, and Reinforcing
Fiberboard Shipping Containers

ASTM D 5118 - Fabrication of Fiberboard Shipping Boxes

These method documents are available from:

American Society for Testing and Materials (ASTM)
1916 Race Street
Philadelphia, PA 19103-1187

6.3.2 Source for Government documents. Copies of military and federal documents are available from:

Standardization Documents Order Desk
Building 4D
700 Robbins Avenue
Philadelphia, PA 19111-5094

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MILITARY INTERESTS:

Custodians

Army - GL
Navy - SA
Air Force - 99

Review Activities

Army - MD, QM
Navy - CG
Air Force - 35, 84
DLA - GS

User Activity

Navy - MC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

PREPARING ACTIVITY:

Army - GL

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