

INCH-POUND

A-A-52128

June 16, 1993

## COMMERCIAL ITEM DESCRIPTION

## SHELVING, STORAGE, STATIONARY AND MOBILE, FOOD STORAGE

The General Services Administration has authorized the use of this commercial item description in preference to MIL-S-40144.

## 1. ABSTRACT

1.1 Classification. This commercial item description covers the following types, styles and sizes, exclusive of casters, of stationary and mobile food storage shelves:

Type I - Stationary

Style I - Wire Construction

Size 2 - 18" to 20" deep by 48" wide by 58" to 66" high

Type II - Mobile

Style I - Wire Construction

Size 2 - 18" to 20" deep by 48" wide by 58" to 66" high

Size 4 - 24" deep by 48" wide by 58" to 66" high

Size 6 - 21" deep by 30" wide by 72" to 75" high

Size 7 - 18" or 21" deep by 36" wide by 72" to 75" high

Size 8 - 18" or 21" deep by 48" wide by 72" to 75" high

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be used in improving this document should be addressed to: U.S. Army Natick Research, Development, and Engineering Center, Natick, MA 01760-5018, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

FSC 7125

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

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- Size 9 - 24" deep by 30" wide by 72" to 75" high
- Size 10 - 24" deep by 36" wide by 72" to 75" high
- Size 11 - 24" deep by 42" wide by 72" to 75" high
- Size 12 - 24" deep by 48" wide by 72" to 75" high
- Style II - Slotted sheet metal or louvered shelves
  - Size 2 - 18" to 20" deep by 48" wide by 58" to 66" high
  - Size 3 - 24" deep by 36" wide by 58" to 66" high
  - Size 4 - 24" deep by 48" wide by 58" to 66" high

1.2 CID based part identification number (PIN). A document based PIN to identify types, sizes and styles of items is included in section 5. This identification numbering procedure is for Government purpose and does not constitute a requirement for the contractor (see 5.3).

## 2. SALIENT CHARACTERISTICS

2.1 Design and construction. All shelving shall be self supporting and shall not require fastening to the floor, wall, ceiling or adjacent units. The shelving shall be open type construction and be capable of being assembled and disassembled with the use of hand tools. Shelves shall be capable of being adjusted vertically the entire height of the frame. Sway braces are allowed if normally provided on the manufacturer's product sold commercially.

Size 2 through 4 shelving shall be supplied with four adjustable shelves. Sizes 6 through 12 shelving shall be supplied with five adjustable shelves.

Type I shelving shall be fabricated from carbon steel with nickel-chromium plating, zinc plating, clear coating, baked-on over nickel-chromium or zinc plating, or baked on plastic finish over zinc plating. Leveling devices shall be provided at each bottom corner.

Type II shelving shall be fabricated from stainless steel with a No. 3 or better finish and shall have casters or a dolly. Caster wheels shall be a minimum of 5" in diameter and two of the casters shall be equipped with brakes. Dollies, if furnished, shall be fabricated from stainless steel. Each bottom corner of the type II shelving base frame or dolly shall be equipped with a bumper to prevent uprights from contacting a vertical wall. The bumper shall be fabricated from a non-marking rubber or rubber-like material.

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Style I shelving shall have wire shelves. Uprights shall be wire, tubular or angular construction.

Style II shelving shall have tubular uprights and slotted or louvered sheet metal shelves.

Erection instructions shall be furnished with each shelving unit.

2.2 Dimensions. Shelving dimensions shall be as specified in table I. The height shall be exclusive of casters or dollies.

TABLE I. Overall dimensions (inches)

Size	Depth	Width $\pm$ 1-1/4	Height <u>1/</u>
2	18 to 20	48	58-66
3	24 $\pm$ 1-1/4	36	58-66
4	24 $\pm$ 1-1/4	48	58-66
6	21 $\pm$ 1/2	30	72-75
7	21 $\pm$ 1/2	36	72-75
8	21 $\pm$ 1/2	48	72-75
9	24 $\pm$ 1/2	30	72-75
10	24 $\pm$ 1/2	36	72-75
11	24 $\pm$ 1/2	42	72-75
12	24 $\pm$ 1/2	48	72-75

1/ Maximum height for shelving equipped with casters or dolly shall be 80".

2.3 Standards of compliance. The shelving shall comply with applicable requirements of NSF International Standard No. 2 for Food Service Equipment.

2.4 Identification marking ("Government unique") requirement. Each shelving unit shall be permanently and legibly marked with the manufacturer's identification marking. Use of "stick on" or removable labels is prohibited.

2.5 Regulatory requirements. In accordance with section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this commercial item description unless otherwise specified.

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2.6 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 FED-STD-376, and all other requirements of this commercial item description are met.

2.7 Workmanship. Shelving shall not be dirty or sticky and shall not have rough edges, burrs or slivers, threaded fasteners shall be drawn tight with lock washers and nuts shall be provided when necessary.

### 3. QUALITY ASSURANCE

3.1 Contractor certification. The contractor shall certify that the product offered meets the salient characteristics and requirements of the description and except for those government unique requirements specified, 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 that had 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.

3.2 Compliance. Prior to approval of the first shipment, the contractor shall submit satisfactory evidence to the contracting officer or his authorized representative that the described item conforms to the requirements of NSF International Standard No. 2.

3.2.1 NSF International. Acceptable evidence of meeting the requirements of NSF International 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 Government indicating compliance with the applicable NSF International requirement(s).

### 4. PACKAGING

4.1 Packaging and packing. Packaging and packing shall be commercial or export as specified (see 5.2).

4.2 Commercial packaging and packing. The shelving shall be preserved, packaged and packed in accordance with ASTM D 3951.

4.3 Export packaging and packing.

4.3.1 Export packaging. Each shelving unit shall be completely disassembled and unit packed in a snug-fitting weather-resistant fiberboard box conforming to PPP-B-636. Cushioning shall be used as necessary to immobilize the contents and prevent damage during shipment.

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4.3.2 Export packing. Three units of shelving, packaged as specified, shall be packed in a crate conforming to type II, style A of MIL-C-52950.

4.4 Marking (commercial and export). Marking shall be in accordance with MIL-STD-129.

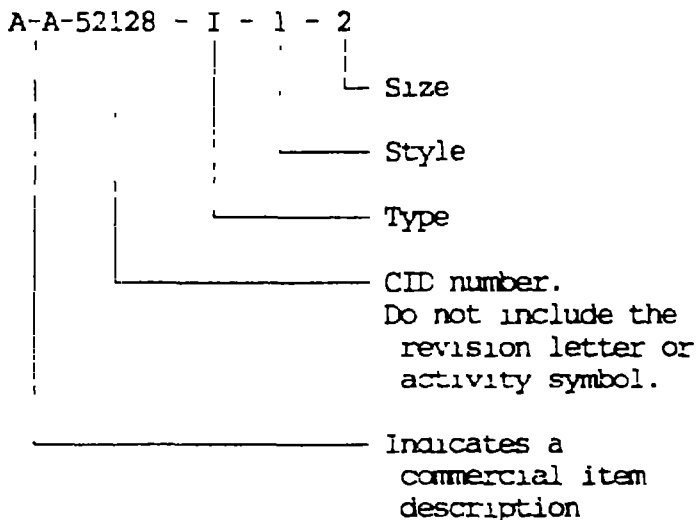
## 5. NOTES

5.1 Intended use. Shelving covered by this commercial item description are for general storage of packaged and canned goods. Type II shelving is used in refrigerated areas of restricted dimensions.

5.2 Ordering data. Acquisition documents should specify the following:

- a. Title, number, and date of this document.
- b. Type, style and size of shelving required (see 1.1).
- c. Type of packaging and packing required (see 4.1).

5.3 CID based part identification number. The following part identification numbering procedure is for Government purposes and does not constitute a requirement for this document:



5.4 Supersession data. The shelving was previously available from Military Specification MIL-S-40144.

5.5 Sources of documents.

5.5.1 Sources of nongovernment association documents.

NSF International Standard No. 2 is available from:

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

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ASTM D 3951 - Standard Practice for Commercial Packaging, is available from:

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

5.5.2 Sources of governmental documents. Copies of Military and Federal documents are available from:

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

MILITARY INTERESTS:

Custodians

Army - GL  
Air Force - 99

Review Activity

Army - MC

User Activities

Navy - MC, CG, YD

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - FSS  
VA - DMS

PREPARING ACTIVITY:

Army - GL  
Project 7125-0135

# STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

## INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

<b>1. RECOMMEND A CHANGE:</b>	1. DOCUMENT NUMBER 7-1-51 25	2. DOCUMENT DATE (YYMMDD) 1993 June 16
3. DOCUMENT TITLE SHELVING, STORAGE, STATIONARY AND MOBILE, FOOD STORAGE		
4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite if possible. Attach extra sheets as needed.)		
5. REASON FOR RECOMMENDATION		
6. SUBMITTER		
a. NAME (Last, First, Middle Initial)	b. ORGANIZATION	
c. ADDRESS (include Zip Code)	d. TELEPHONE (include Area Code) (1) Commercial (2) AUTOVON (if applicable)	e. DATE SUBMITTED (YYMMDD)
8. PREPARING ACTIVITY		
a. NAME U.S. Army Natick RD&E Center	b. TELEPHONE (include Area Code) (1) Commercial 508-651-4085 (2) AUTOVON / DSN 256-4085	
c. ADDRESS (include Zip Code) Commander, U.S. Army Natick RD&E Center ATTN: SATNC-WEE Natick, MA 01760-5018	IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT Defense Quality and Standardization Office 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 756-2340 AUTOVON 289-2340	