

MIL-P-43440A

26 March 1971

SUPERSEDING

MIL-P-43440 (GL)

8 July 1966

MILITARY SPECIFICATION

PAN, DOG FEEDING, (CORROSION-RESISTING STEEL)

This specification is mandatory for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 This specification covers one type and one size (5 quart) dog feeding pan.

2. APPLICABLE DOCUMENTS

2.1 Specifications and standards. The following documents, of the issues in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

SPECIFICATIONS

FEDERAL

- PPP-B-601 - Boxes, Wood, Cleated-Plywood.
- PPP-B-636 - Box, Fiberboard.

STANDARDS

MILITARY

- MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes.
- MIL-STD-129 - Marking for Shipment and Storage.

DRAWING

ARMY NATICK LABORATORIES

- 2-9-243 - Pan, Dog Feeding (Corrosion-Resisting Steel).

(Figure 1 is a miniature reproduction of referenced drawing and is attached for information only.)

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(Copies of specifications, standards, and drawings required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

- * 2.2 Other publications.- The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

UNIFORM CLASSIFICATION COMMITTEE

Uniform Freight Classification

(Application for copies should be addressed to the Uniform Classification Committee, Room 202 Union Station, 516 W. Jackson Blvd., Chicago, Illinois 60606.)

NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INC.

National Motor Freight Classification

(Application for copies should be addressed to American Trucking Associations, ATTN: Tariff Order Section, 1616 P Street, N.W., Washington, D.C. 20036.)

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

167-69 Stainless and Heat Resisting Chromium-

Nickel Steel, Plate, Sheet and Strip

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pa. 19103.)

(Technical society and technical association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

3. REQUIREMENTS

3.1 Material.- Material shall conform to the applicable specification and requirements specified herein.

- * 3.1.1 Corrosion-resisting steel.- Corrosion-resisting steel shall conform only to the chemical composition of class 302, or 304, condition A of ASTM 167-69.

3.2 Construction.- The construction of the pans shall conform to the requirements specified herein and to the dimensions shown on Drawing 2-9-243.

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The body of the pan shall be formed without seams from one piece of nominal 0.0375-inch (No. 20 Ga, U.S. Standard) corrosion-resisting steel, specified in 3.1.1. The finished pan shall not be reduced below 0.027-inch thick at any point. The pans shall be round in shape with an angle flange and a round closed beaded edge at the top, and a concave bottom.

3.3 Finish.- Both inside and outside surfaces of the pan shall be a No. 4 standard commercial finish.

3.4 Marking.- Each pan shall be marked with the manufacturer's identification on the outside bottom. The characters shall be not less than 1/4-inch high, impressions shall be made at an even pressure so as not to penetrate the inside surface of the pan.

3.5 Workmanship.- All surfaces shall be free from scratches, trimming marks, pits, scale, rough spots, sharp edges, fractures, cracks, wrinkles, or dents.

4. QUALITY ASSURANCE PROVISIONS

* 4.1 Responsibility for inspection.- Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.2 Inspection.- Sampling for inspection shall be performed in accordance with MIL-STD-105, except where otherwise indicated hereinafter.

4.2.1 Component and material inspection.- In accordance with 4.1 above, components and materials shall be inspected and tested in accordance with all the requirements of referenced specifications, drawings, and standards unless otherwise excluded, amended, modified, or qualified in this specification or applicable purchase document.

4.2.2 End item inspection.- The lot shall be the number of pans offered for inspection at one time. The sample unit shall be one pan.

4.2.2.1 Visual examination.- Examination of the pans shall be in accordance with the defects in table I. The inspection level shall be II with an acceptable quality level (AQL) of 2.5 for major defects and 6.5 for total defects (major and minor defects combined), expressed in terms of defects per hundred units.

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TABLE I.- Classification of defects

| Examination | Defects | Classification | |
|------------------------------|--|----------------|-------|
| | | Major | Minor |
| Finish | Interior and exterior surfaces not No. 4 standard commercial finish. | X | |
| | Trimming marks or scratches. | | X |
| | Pit or scale. | X | |
| Construction and workmanship | Not one piece seamless construction. | X | |
| | Metal fractured, cracked, or wrinkled. | X | |
| | Sharp edge. | X | |
| Identification marking | Missing, illegible, incomplete, wrong size or wrong location. | | X |

* 4.2.2.2 Dimensional examination.- A completely fabricated pan shall be examined for compliance with dimensions specified. Any dimension not within the specified requirements shall be classified as a defect. The inspection level shall be S-2 with an AQL of 4.0, expressed in terms of defects per hundred units.

* 4.2.3 Examination of preparation for delivery.- An examination shall be made to determine that the packaging, packing and marking requirements are in compliance with section 5. Defects shall be scored as indicated in table II. The sample unit shall be one shipping container fully prepared for delivery. The lot shall be the number of containers offered for inspection at one time. The inspection level shall be S-2 with an AQL of 2.5, expressed in terms of defects per hundred units.

TABLE II.- Examination of preparation for delivery

| Examine | Defect |
|---------------------------------|--|
| Markings, exterior and interior | Omitted; incorrect; illegible; improper size, locations, sequence, or method of application. |
| Materials | Component missing or damaged. |
| Workmanship | Bulging or distortion of containers. |
| Content | Number per container is more or less than specified. |

- * 4.2.4 Examination of shipping container.- When shipping containers are required to be in accordance with PPP-B-636, examination for defects in closure and strapping shall be in accordance with the appendix of that specification.

5. PREPARATION FOR DELIVERY

5.1 Packaging.- Packaging shall be level A or C, as specified (see 6.2).

- * 5.1.1 Level A.- Six nested pans shall be unit packaged in a snug-fitting, style RSC, W5s or W5c fiberboard box conforming to PPP-B-636. Closure shall be in accordance with the appendix of PPP-B-636.

5.1.2 Level C.- Pans shall be packaged to afford adequate protection against physical damage during shipment from the supply source to the first receiving activity. The supplier may use his standard practice, when it meets this requirement.

5.2 Packing.- Packing shall be level A, B, or C, as specified (see 6.2).

- * 5.2.1 Level A.- Unless otherwise specified (see 6.2), pans, packaged as specified in 5.1, shall be packed in a snug-fitting shipping container conforming to overseas type of PPP-B-601. The shipping containers shall be closed and strapped in accordance with the appendix of PPP-B-601.
- * 5.2.2 Level B.- Unless otherwise specified (see 6.2), pans, packaged as specified in 5.1, shall be packed in a snug-fitting shipping container conforming to domestic type of PPP-B-601. The shipping container shall be closed and strapped in accordance with the appendix of PPP-B-601.
- * 5.2.2.1 When specified (see 6.2), the shipping container shall be a grade V3c, V3s, or V4s fiberboard box fabricated in accordance with PPP-B-636 and closed in accordance with the appendix thereto.
- * 5.2.3 Level C.- Pans, packaged as specified in 5.1, shall be packed in a manner to insure carrier acceptance and safe delivery at destination at the lowest transportation rate for such supplies. Containers shall be in accordance with Uniform Freight Classification Rules or National Motor Freight Classification Rules, as applicable.

5.3 Marking.- In addition to any special marking required by the contract or order, interior packages and shipping containers shall be marked in accordance with MIL-STD-129.

6. NOTES

6.1 Intended use.- This specification covers dog feeding pans to be used in kennels and experimental laboratories.

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6.2 Ordering data.- Procurement documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) Selection of applicable levels of packaging and packing (see 5.1 and 5.2).
- (c) Specify the appropriate container when other than a shipping container conforming to PPP-B-601 is required (see 5.2.1 and 5.2.2).

6.3 The margins of this specification have been marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the last previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and suppliers are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Custodians:

Army - GL
Air Force - 84

Preparing activity:

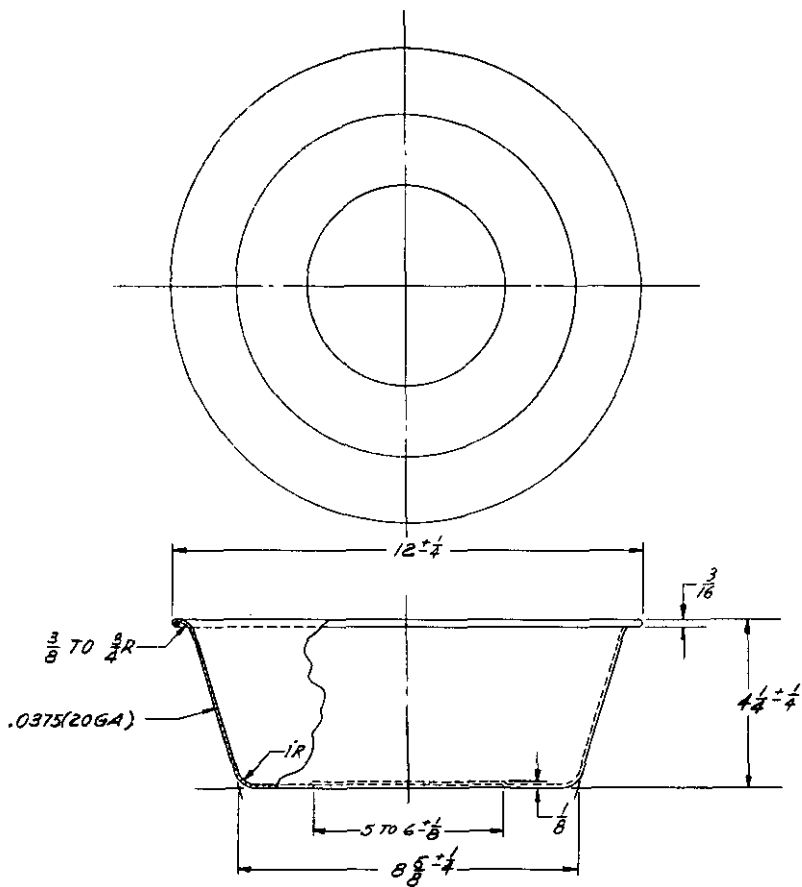
Army - GL
Project No. 3770-0092

Review activity:

Army - MD

User activity:

Navy - MC



| ITEM NO. | DESCRIPTION | NO. REQD | MATERIAL | MATL SPEC | NO. |
|--|-------------|----------|----------|-----------|-----|
| ITEM LIST | | | | | |
| <p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FINISHES & TOLERANCES: (TYPES & METAL GAUGE INCLUDED) FINISHES DECIMAL ANGLES R. 1/16</p> | | | | | |
| <p>THIS FIGURE IS A MINIATURE COPY OF ARMY NATICK LABORATORIES DRAWING NUMBER <u>2-8-233</u>, REVISION NUMBER <u>B</u>, DATED <u>2/24/77</u>. THIS COPY IS FOR INFORMATION ONLY; THE DRAWING REFERENCED IN PARAGRAPH 2.1 GOVERNS.</p> | | | | | |

FIGURE - 1 PAN, DOG FEEDING, CORROSION-RESISTING STEEL

| SPECIFICATION ANALYSIS SHEET | | Form Approved Budget Bureau No. 22-R255 |
|--|-------------------------------|--|
| <p>INSTRUCTIONS: This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements.</p> | | |
| <p>SPECIFICATION Pan, Dog Feeding, (Corrosion-Resisting Steel) MIL-P-43440A</p> | | |
| <p>ORGANIZATION</p> | | |
| <p>CITY AND STATE</p> | <p>CONTRACT NUMBER</p> | |
| <p>MATERIAL PROCURED UNDER A <input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT</p> | | |
| <p>1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? A. GIVE PARAGRAPH NUMBER AND WORDING.</p> | | |
| <p>B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES</p> | | |
| <p>2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID</p> | | |
| <p>3. IS THE SPECIFICATION RESTRICTIVE? <input type="checkbox"/> YES <input type="checkbox"/> NO (If "yes", in what way?)</p> | | |
| <p>4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)</p> | | |
| <p>SUBMITTED BY (Printed or typed name and activity - Optional)</p> | <p>DATE</p> | |

DD FORM 1426
1 JAN 66

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED.