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MIL-DTL-15024G

3 March 2018

SUPERSEDING

MIL-DTL-15024F

28 November 1997

DETAIL SPECIFICATION

PLATES AND TAGS FOR IDENTIFICATION
OF EQUIPMENT, GENERAL SPECIFICATION FOR

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

1. SCOPE

1.1 Scope. This detail specification covers the physical characteristics of plates and tags (identification labels) used for identification of equipment. Examples of information to be marked on the identification labels are covered in the applicable specification sheets.

1.2 Classification. Identification labels will be one of the following types, as specified (see 6.2):

| | |
|--------|--|
| Type A | Chemically etched or chemically engraved plate |
| Type B | Mechanically engraved plate |
| Type C | Stamped plate |
| Type D | Cast plate |
| Type E | Screen printed, sublimation or digitally printed plate |
| Type F | Laminated plate |
| Type G | Foils, vinyl or polyester labels |
| Type H | Photosensitive plate |
| Type J | Stamped tag |
| Type L | Laser generated plate |

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| Comments, suggestions, or questions on this document should be addressed to: Commander, Naval Air Warfare Center Aircraft Division Lakehurst (Code 4.1.2.2), Route 547, Mail Stop 120-3, Joint Base MDL, NJ 08733-5100 or emailed to michael.sikora@navy.mil . Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at https://assist.dla.mil . |
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MIL-DTL-15024G

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

FEDERAL SPECIFICATION

GG-P-455 - Plates and Foils, Photographic, (Photosensitive, Anodized Aluminum)

DEPARTMENT OF DEFENSE SPECIFICATIONS

MIL-DTL-19834 - Plate, Identification, Metal Foil, Adhesive Backed.
MIL-DTL-43719 - Marking Materials and Markers, Adhesive, Elastomeric, Pigmented, General Specification for

DEPARTMENT OF DEFENSE STANDARDS

MIL-STD-130 - Identification Marking of U.S. Military Property.
MIL-STD-202 - Test Methods for Electronic and Electrical Component Parts
MIL-STD-810 - Environmental Engineering Considerations And Laboratory Tests
MIL-STD-1472 - Human Engineering

DEPARTMENT OF DEFENSE HANDBOOK

MIL-HDBK-454 - General Guidelines for Electronic Equipment.

(Copies of these documents are available online at <http://quicksearch.dla.mil>.)

2.3 Non-Government publications. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

MIL-DTL-15024G

AMERICAN SOCIETY FOR QUALITY (ASQ)

ASQ Z1.4 - Sampling Procedures and Tables for Inspection by Attributes

(Copies of this document are available from www.asq.org.)

ASTM INTERNATIONAL

- ASTM B36/B36M - Standard Specification for Brass Plate, Sheet, Strip, and Rolled Bar.
- ASTM B117 - Standard Practice for Operating Salt Spray (Fog) Apparatus.
- ASTM B209/B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.
- ASTM D709 - Standard Specification for Laminated Thermosetting Materials.
- ASTM D4060 - Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser
- ASTM D4956 - Standard Specification for Retroreflective Sheeting for Traffic Control
- ASTM D7869 - Standard Practice for Xenon Arc Exposure Test with Enhanced Light and Water Exposure for Transportation Coatings
- ASTM E2072 - Standard Specification for Photoluminescent (phosphorescent) Safety Markings
- ASTM G21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.

(Copies of these documents are available from www.astm.org.)

SOCIETY OF AUTOMOTIVE ENGINEERS (SAE INTERNATIONAL)

- SAE AMS-STD-595/12197 - Colors Used in Government Procurement
- SAE AMS-STD-595/21105 - Colors Used in Government Procurement
- SAE AMS-STD-595/23655 - Colors Used in Government Procurement
- SAE AMS-STD-595/24084 - Colors Used in Government Procurement
- SAE AMS-STD-595/37038 - Colors Used in Government Procurement
- SAE AMS-STD-595/37875 - Colors Used in Government Procurement

(Copies of these documents are available from www.sae.org.)

2.4 Order of precedence. Unless otherwise noted herein or in the contract, in the event of a conflict between the text of this document and the references cited herein (except for related specification sheets), the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

MIL-DTL-15024G

3. REQUIREMENTS

3.1 Specification sheets. The individual item requirements shall be specified herein and in accordance with the applicable specification sheet. In the event of any conflict between the requirements of this specification and the specification sheet, the latter shall govern.

3.2 First article. When specified (see 6.2), a sample shall be subject to first article inspection in accordance with 4.1.1.

3.3 Marking format and information. The marking format and information shall be as specified in the applicable specification sheet. For an application not specifically covered by a specification sheet, the acquiring activity shall specify the label plate type, material, graphics and text color, background color, label plate size, letter size and format in the contract or order.

3.3.1 Identification plates. Identification plates shall be used on the types of equipment specified in the applicable specification sheet. When an identification plate cannot be installed due to the physical size, space, or mounting surface geometry of the end item, the contractor shall propose a reduced size for the plate, direct marking or other solution to the acquiring activity, in that order or precedence. The contractor shall include all required marking information, and shall use the required format and sequencing of the marking information (see 6.2).

3.3.1.1 Additional marking information. Additional marking refers to information added to a label in addition to its original inscription and after label is installed. Typically the information is hand or machine marked in a blank area or table on the label plate for recording data such as test dates. Typical additional marking methods are hand die-stamped, vibrating pen, mechanical or laser engraving or dot peen. Metallic type A, B, C, D, F and L plates (having a minimum thickness of 0.03 inch), and metallic H and J identification labels may be permanently stamped with additional information. When additional information is stamped or etched on the plate or tag, the characters shall be not less than 0.003 inch deep unless specified otherwise in the specification sheet. Additional marking information need not be filled.

3.3.2 Information plates. When specified in the contract or purchase order, proposed information plates shall be submitted to the acquiring activity (see 6.2).

3.3.3 Fillings of markings. Characters on types A, B, and C plates shall be filled with a hard paint, enamel or lacquer of the color specified (see 6.2). Fillings of markings with paint, enamel or lacquer may be omitted for color styles III, VIII and IX (see table I) if color anodized material is used. The face of identification labels shall be coated with a moisture-resistant coating when markings are filled or when preservation of a finish is required. Laminated non-metallic identification labels engraved through one lamination to show a contrasting color, do not require filling of the character or a protective coating.

MIL-DTL-15024G

TABLE I. Color styles. 1/

| Style | Background | | Characters | |
|-------|------------|---------------------------------|------------|---------------------------------|
| | Color | SAE AMS-STD-595 color number | Color | SAE AMS-STD-595 color number |
| I | White | 37875 | Black | 37038 |
| II | Black | 37038 | White | 37875 |
| III | Black | 37038 | Natural | - |
| IV | Natural | - | Black | 37038 |
| V | Olive Drab | 24084 | White | 37875 |
| VI | Red | 21105 | White | 37875 |
| VII | Yellow | 23655 | Black | 37038 |
| VIII | Red | 21105 | Natural | - |
| IX | Orange | 12197 | Natural | - |

1/ When plates are designed with blank spaces or pads upon which additional marking will be added at a later time, the background and the color requirements do not apply to the pads or characters marked thereon.

3.3.4 Characters. Except for identification labels smaller than size 1 in table II, the size of the characters shall be not less than 3/32 inch in height. Nomenclature (item name) characters shall be not less than 3/16 inch in height. MIL-STD-130 provides guidance on characters.

3.3.5 Legibility and machine readability. Marking shall be permanent and legible. MIL-STD-1472 legibility requirements shall be followed. MIL-STD-130 provides guidance on machine readability.

3.4 General physical properties. See 6.3 and 6.4.

3.4.1 Materials.

3.4.1.1 Materials for identification labels. Identification labels shall be made of a material that withstands the same environmental and cleaning conditions as the item to which the label is attached. The material shall be fungus resistant. Paints, fillers, coatings, and adhesives used shall not show any evidence of fungus. The label material shall be selected from materials that provide optimum compatibility with the end item surface over its entire range of operating environments. Flammable materials shall not be used. The contractor shall select the materials, but the materials shall meet the operational and environmental requirements specified herein and in the applicable specification sheet. The following material lists are provided for guidance:

- a. Brass (Commercial) (ASTM B36/B36M) or bronze.
- b. Corrosion resistant steel.
- c. Aluminum alloy (ASTM B209/B209M).
- d. Plastic.

MIL-DTL-15024G

Other materials may be used if the requirements of this document are met. Recommended materials for each type of identification label are listed in 3.5 and subparagraphs.

TABLE II. Identification label sizes. 1/ 2/ 3/

| Size number | Length | Width | Diameter of holes | Number of holes | Hole center to edge | Hole center spacing | |
|-------------|---------------------------------------|-------|-------------------|-----------------|---------------------|---------------------|-------|
| | | | | | | Length | Width |
| 1 | 2 | 3/4 | 1/8 | 2 | 1/8 | 1-3/4 | --- |
| 3 | 2 | 2 | 1/8 | 4 | 1/8 | 1-3/4 | 1-3/4 |
| 4 | 3 | 1 | 1/8 | 2 | 1/8 | 2-3/4 | --- |
| 5 | 3 | 2 | 1/8 | 4 | 1/8 | 2-3/4 | 1-3/4 |
| 6 | 3 | 3 | 1/8 | 4 | 1/8 | 2-3/4 | 2-3/4 |
| 7 | 4 | 1-1/2 | 1/8 | 2 | 1/8 | 3-3/4 | --- |
| 8 | 4 | 2 | 1/8 | 4 | 1/8 | 3-3/4 | 1-3/4 |
| 9 | 4 | 3 | 1/8 | 4 | 1/8 | 3-3/4 | 2-3/4 |
| 10 | 4 | 4 | 1/8 | 4 | 3/16 | 3-5/8 | 3-5/8 |
| 12 | 5 | 3 | 5/32 | 4 | 3/16 | 4-5/8 | 2-5/8 |
| 14 | 5 | 5 | 5/32 | 4 | 3/16 | 4-5/8 | 4-5/8 |
| 17 | 6 | 4 | 5/32 | 4 | 3/16 | 5-5/8 | 3-5/8 |
| 19 | 6 | 6 | 5/32 | 4 | 3/16 | 5-5/8 | 5-5/8 |
| 21 | 7 | 3 | 5/32 | 4 | 3/16 | 6-5/8 | 2-5/8 |
| 23 | 7 | 5 | 5/32 | 4 | 3/16 | 6-5/8 | 4-5/8 |
| 25 | 7 | 7 | 5/32 | 4 | 3/16 | 6-5/8 | 6-5/8 |
| Other | As approved by the acquiring activity | | | | | | |

1/ All dimensional units are in inches.

2/ Tolerances shall be specified by the acquiring activity.

3/ Holes shall be used if specified by the acquiring activity.

3.4.1.2 Recycled, recovered, environmentally preferable, or biobased materials.

Recycled, recovered, environmentally preferable, or biobased materials should be used to the maximum extent possible, provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.4.2 Color style. The background and character color of the identification label shall comply with the requirements of the applicable specification sheet and with the color styles in table I (see 6.2). When a color style is not specified for identification labels used on electronic equipment, style III shall be used. The color numbers of SAE AMS-STD-595 shall be used as a color comparison when anodic coatings and finishes other than paint, enamel, lacquer, or varnish are used.

3.4.2.1 Opacity. The opacity of the paint and ink used for marking shall completely cover the background color.

MIL-DTL-15024G

3.4.3 Finishes. All front surfaces shall be matte, satin (line), or semi-gloss, as the type of material or finish thereon permits.

3.4.4 Plate size. The size of the identification label shall be as specified in the specification sheet. When the size is not specified, a size compatible with the equipment on which the identification label will be attached shall be used (see 6.2). For plates with dimensions given in table II, the number, size, and location of mounting holes shall comply with the guidance contained in table II. Plates using an adhesive for mounting shall not have mounting holes.

3.5 Specific physical properties. The following information is provided for guidance in selecting materials used for the different types of identification labels. Where detail specifications are listed, it is for guidance and materials of similar properties may be used.

3.5.1 Type A. Chemically etched or chemically engraved plate.

3.5.1.1 Materials. The following materials are recommended, but are not mandatory:

- a. Brass
- b. Corrosion resistant steel
- c. Aluminum alloy

3.5.1.2 Marking method. Characters shall be either sunken or relief etched/engraved. Etched/engraved areas should be filled with the appropriate color (see 3.3.3). Plates that are relief etched (characters in relief) should also have a border in relief.

3.5.1.3 Dimensions. Etched/engraved areas shall be not less than 0.003 inch deep except that color anodized plates (which are not filled) should be etched to the depth necessary to produce clear, legible characters. The thickness of type A plates shall be not less than 0.03 inch.

3.5.2 Type B. Mechanically engraved plate.

3.5.2.1 Materials. The following materials are recommended, but are not mandatory:

- a. Brass
- b. Corrosion resistant steel
- c. Aluminum alloy
- d. Plastic (opaque and fungus resistant in accordance with ASTM D709, Grade ES-1, 2 or 3)

3.5.2.2 Marking method. All characters shall be engraved in the plate. Engraving in metal plates shall be filled with the applicable color of opaque filler (see 3.3.3).

MIL-DTL-15024G

3.5.2.3 Dimensions. Engraving shall be uniform in depth for characters of the same size. The engraving shall be not less than 0.008 inch deep. In plastic plates, the depth shall ensure uniform penetration of the cover (top layer). The thickness of type B plates shall be not less than 0.03 inch.

3.5.3 Type C. Stamped plate.

3.5.3.1 Materials. The following materials are recommended, but are not mandatory:

- a. Brass
- b. Corrosion resistant steel
- c. Aluminum alloy

3.5.3.2 Marking method. All characters shall be marked on the plate by stamping.

3.5.3.3 Dimensions. Characters shall be not less than 0.003 inch deep. The thickness of type C plates shall be not less than 0.03 inch.

3.5.4 Type D. Cast plate

3.5.4.1 Materials. Type D plates shall be of cast metal. Cast brass or bronze of commercial quality is recommended, but not mandatory.

3.5.4.2 Marking method. All characters shall be raised above the body of the plate and shall be smooth and free from burrs and sharp edges. The balance of the plate shall have a roughened or stippled finish. Additional information may be permanently stamped on raised pads provided for this purpose.

3.5.4.3 Dimensions. Characters shall be raised not less than 0.03 inch. The thickness of type D plates shall be specified in the contract or purchase order (see 6.2). When it is not specified in the specification sheet, the thickness may be the manufacturer's standard.

3.5.5 Type E. Screen printed, sublimation or digitally printed plate.

3.5.5.1 Materials. The following materials are recommended, but are not mandatory:

- a. Brass
- b. Corrosion resistant steel
- c. Aluminum alloy
- d. Plastic.

Type E plates shall only be used in areas protected from the environment.

3.5.5.2 Marking method. Marking shall be applied by screen, ink jet, sublimation, or digital printing. A protective coating of compatible fungus resistant, moisture-resistant clear overlamine film may be applied over the marking.

MIL-DTL-15024G

3.5.5.3 Dimensions. The thickness of the plate shall be not less than 0.03 inch.

3.5.6 Type F. Laminated plate.

3.5.6.1 Materials. Type F plates are typically characters or graphics on printed matter that is laminated between two layers of transparent, non-metallic material.

3.5.6.2 Marking method. Characters and graphics shall be clearly visible through the transparent outer layer.

3.5.7 Type G. Foils, vinyl and polyester labels (metal foils, vinyl and polyester [photoluminescent, retroreflective and non-reflective] labels)

3.5.7.1 Materials. Material shall be an adhesive backed metal foil, vinyl or polyester label. Materials listed in MIL-DTL-19834 for metal foils, ASTM E2072 for photoluminescent film, ASTM D4956 for retroreflective vinyl and polyester labels and commercial graphic films for non-reflective is recommended, but not mandatory. Other materials may be used if they meet the requirements of this document.

3.5.7.2 Marking method. All characters and graphics shall be integrated into the foil or printed onto the surface of vinyl and polyester labels. Whatever process (printing, engraving, etching, or photographic process) is used, the labels shall meet the durability requirements for the application. Additional information may be added by laser engraving, typewriter, or serializing device which shall not break through the foil, vinyl and polyester label and shall not produce an impression or raised surface which would affect the adhesive qualities of the plate.

3.5.8 Type H. Photosensitive plate

3.5.8.1 Materials. Photosensitive, anodized aluminum alloy in accordance with GG-P-455 Type 1 shall be used except the thickness shall be as specified in 3.5.8.3.

3.5.8.2 Marking method. Characters and graphics shall be inorganic silver compounds integrated into the material and printed by photographic process.

3.5.8.3 Dimensions. The thickness of type H plates shall be not less than 0.02 inch.

3.5.9 Type J. Tag

3.5.9.1 Materials. The following materials are recommended, but not mandatory:

- a. Plastic
- b. Aluminum
- c. Corrosion resistant steel

Plastic tags shall be black or white.

MIL-DTL-15024G

3.5.9.2 Marking method. All characters shall be permanently marked on the tag.

3.5.9.3 Dimensions. The thickness of the tag shall be not less than 0.03 inch. Unless otherwise specified in the applicable specification sheet, the length and width of the tag shall be governed by the amount of data to be marked and the dimensions of the item to be identified.

3.5.10 Type L. Laser generated plate.

3.5.10.1 Materials. The following materials are recommended, but are not mandatory. Other materials used for type L plates shall meet the requirements of this document as determined by the acquiring activity.

Class 1 - laser markable black anodized aluminum impregnated with silver compounds

Class 2 - laser markable black (or red) aluminum sheet coated with a weatherable, abrasion-resistant coating

Class 3 - laser engraved plastic, two-ply phenolic

Class 4 - laser markable (bonded) stainless steel pre-coated with ceramic compound

3.5.10.2 Marking method. All characters and graphics shall be permanent using best commercial practices for laser marking and engraving.

3.5.10.3 Dimensions. The thickness of type L plates shall be not less than 0.005 inch and not greater than 0.0625 inch.

3.6 Workmanship. The manufacture of the identification labels covered by this specification shall be representative of the best commercial practices and shall conform to the specification for the type involved.

4. VERIFICATION

4.1 Classification of inspections. The inspection requirements specified herein are classified as follows:

- a. First article inspection (see 4.1.1).
- b. Conformance inspection (see 4.1.2).

4.1.1 First article inspection. When required, first article inspection shall be as specified in the acquisition documents (see 6.2).

4.1.2 Conformance inspection. Identification labels shall meet or exceed the test requirements specified herein but the tests need not be performed unless in the acquisition documents. The acquisition documents may specify additional tests be performed based on the

MIL-DTL-15024G

expected fluid exposure for an application using CHART OF FLUIDS from MIL-STD-810, Method 504. When testing is specified, the following shall apply (see 6.2).

4.1.3 Lot. All identification labels of the same type, style and size offered for delivery at one time shall be considered a lot for purposes of inspection.

4.1.4 Sampling for examination. A random sample of identification labels shall be selected from each lot in accordance with ASQ Z1.4 inspection level III (see 6.2).

4.1.5 Sampling for tests. A random sample of identification labels shall be selected from a lot in accordance with ASQ Z1.4 inspection level S-4. Tests shall be as specified in 4.3, completed for the initial lot, and once every six months (see 6.2).

4.2 Examination. Each of the sample items, selected per 4.1.4, shall be examined for compliance with the requirements of this document. Examination shall be conducted as specified in table III. Any item in the sample containing one or more defects shall be rejected.

4.3 Test procedure. Each of the samples of a specific type selected in accordance with 4.1.5 shall be subjected to all of the tests specified in table IV for that type. A completely marked item shall be considered a unit of product for testing purposes. Test specimens of adhesive backed plates shall be secured to a replica of the surface on which they will be mounted, or the cable to which they will be attached during normal use. If any sample fails to conform to any test, the lot represented by the sample shall be rejected (see 6.2).

4.3.1 Deterioration. Deterioration tests shall consist of the tests specified in 4.3.1.1 through 4.3.1.7. Slight discoloration or fading of anodized colors which do not exhibit a deleterious effect on legibility is permissible.

TABLE III. Classification of defects.

| Categories | Defects |
|------------|---|
| Major: | |
| 101 | Plate or plate finish flaking, peeling (or delaminating), dissolving, distorting, warping, softening, blistering, cracking, oxidizing, discoloration, visible evidence of fungus or not as specified. |
| 102 | Burred, slivered, splintered, split, delaminated, or injurious to personnel. |
| 103 | Incorrect color. |
| 104 | Illegible. Any defect that meaningfully reduces legibility (or successful bar code scan, as applicable). Includes fading, staining, discoloration, deterioration, degradation, or wearing. |
| 105 | Inscription or description does not conform to specification sheet or contract requirements. |
| 106 | Materials not as specified. |
| 107 | Dimensions do not meet requirements. |

MIL-DTL-15024G

4.3.1.1 Temperature cycling test. The finished item shall be tested in accordance with MIL-STD-202, Method 107.

4.3.1.2 Weather test. The finished item mounted to a test surface shall be tested in accordance with ASTM D7869 (daylight with water spray & humidity cycle).

4.3.1.3 Abrasion resistance test. The abrasion test shall be in accordance with ASTM D4060 Taber Abraser.

4.3.1.4 Fluid resistance test. The finished item mounted to a test surface shall be tested in accordance with MIL-STD-810, Method 504.

4.3.1.5 Salt spray test. The finished item mounted to a test surface shall be tested in accordance with ASTM B117.

4.3.1.6 Flammability test. MIL-HDBK-454, Guideline 3, provides guidance on how to determine the flammability of the finished item. Type F laminated plates that are adhesive backed shall be mounted to a self-extinguishing backing plate to a total thickness of 0.03 inch or greater for testing purposes.

4.3.1.7 Fungus test. The finished item, mounted to a test surface, shall be tested in accordance with ASTM G21 with a visual reading of zero "0".

MIL-DTL-15024G
TABLE IV. Test methods.

| Type | Applicable Tests | | | | | | | | | | | |
|------|------------------------|------------------------------------|------------------------------------|--|---|-----------------------------------|----------------|--------------------------------|--------------|----------------------------------|---|-------------------|
| | | Temperature Cycling 4.3.1.1 | | Weather 4.3.1.2 | | Abrasion Resistance 4.3.1.3 | | Fluid Resistance 4.3.1.4 | | Salt Spray 4.3.1.5 | Flammability 4.3.1.6 | Fungus 4.3.1.7 |
| | | Test Condition A 3 cycles | Test Condition B 3 cycles | 7 days, daylight with water spray & humidity cycle | 30 days, daylight with water spray & humidity cycle | 500 cycles | 4000 cycles | 1/ 2/ | 336 hours | (Pass) (non-metallic only) | visual reading of zero "0" (non- metallic only) | |
| A | metallic | | X | | X | | X | X | X | X | | |
| B | metallic | | X | | X | | X | X | X | X | | |
| | non-metallic | X | | X | | X | | X | | | X | X |
| C | metallic | | X | | X | | X | X | X | X | | |
| D | metallic | | X | | X | | X | X | X | X | | |
| E | metallic | X | | X | | X | | X | | | | |
| | non-metallic | X | | X | | X | | X | | | X | X |
| F | non-metallic | X | | X | | X | | X | | | X | X |
| G | both | | | | | X | | X | | | | |
| H | metallic | | X | | X | | X | X | X | X | | |
| J | metallic | | X | | X | | X | X | X | X | | |
| | non-metallic | X | | X | | X | | X | | | X | X |
| L | Class 1 (metallic) | | X | | X | | X | X | | | | |
| | Class 2 (metallic) | | X | | X | | X | X | | | | |
| | Class 3 (non-metallic) | X | | | X | X | | X | | | X | X |
| | Class 4 (metallic) | | X | | X | | X | X | X | X | | |

1/ Line 1. Cleaning compound, solvent of MIL-STD-810, Table 504.2-II "General test fluids used for Procedure II." (or specify in contract relevant test fluids from Table 504.1-I/II)

2/ Line 17. Hydraulic fluid, petroleum base, of MIL-STD-810, Table 504.2-II "General test fluids used for Procedure I" (or specify in contract relevant test fluids from Table 504.1-I/II)

MIL-DTL-15024G

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When packaging of materiel is to be performed by DoD or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Service or Defense Agency, or within the military service's system commands. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. The plates and tags covered by this specification are intended to identify electrical, electronic, or mechanical equipment; or when required, for the installation, use, operation, or maintenance of these equipment items.

6.2 Acquisition requirements. Acquisition documents should specify the following:

- a. Title, number, and date of this specification.
- b. Type of identification label (see 1.2).
- c. Required marking information, required format and required redundancy of information (see 3.3.1).
- d. Color of filler (see 3.3.3).
- e. Color style (see 3.4.2).
- f. Specific size of identification label, if applicable (see 3.4.4).
- g. Thickness of Type D plates (see 3.5.4.3).
- h. Mounting provisions (see 6.3).
- i. If first article testing is required (see 3.2 and 4.1.1)
- j. Sampling for examination (see 4.1.4 and 3.3.2).
- k. Sampling for testing (see 4.1.5).
- l. Criteria for lot acceptance or rejection (see 4.3).
- m. Packaging requirements (see 5.1).
- n. Request for proposed information plates (see 3.3.2)

6.3 Mounting provisions. Mounting provisions will be as specified in the contract or purchase order. Examples of mounting provisions: holes required, backing plates required, double coated tape required.

6.4 Attachment is generally by fasteners or adhesive. Generally fasteners are not to be used to attach plates thinner than 0.020 inch unless they are attached to a backing plate or a flat metal surface. Adhesives are generally pressure sensitive (double coated tape or transfer tape) or self-adhesive sheets (all adhesives should be applied to the full back of a label).

MIL-DTL-15024G

6.5 Subject term (key word) listing.

Engraved
Etched
Laminated plastic
Laser
Metal foil
Photosensitive
Stamped

6.6 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

CONCLUDING MATERIAL

Custodians:
Army - MI
Navy - AS
Air Force - 99

Preparing activity:
Navy - AS
(Project 9905-2017-003)

Review activities:
Army - AV
Navy - OS
Air Force - 16, 84
DLA - GS

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using ASSIST Online database at <https://assist.dla.mil>.