INCH-POUND

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MILITARY SPECIFICATION

VULCANIZING EQUIPMENT, INCLUDING RELATED ITEMS, TIRE AND TUBE, REBUILD AND REPAIR; PACKAGING OF

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

1 SCOPE

1.1 This specification covers the requirements for methods of preservation, packaging, packing, and marking of vulcanizing equipment and related items used in the reclamation or repair of tires and tubes for all levels of protection in storage, shipment, and handling.

2 APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications and standards. The following specifications and standards form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, US Army Armament, Munitions and Chemical Command, ATTN: SMCAR-EST-S, Rock Island, IL 61299 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

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FSC PACK

SPECIFICATIONS

FEDERAL

L-P-378 - Plastic Sheet and Strip, Thin Gauge, Polyolefin
UU-P-268 - Paper, Kraft, Wrapping
UU-T-81 - Tags, Shipping and Stock
PPP-B-601 - Boxes, Wood, Cleated-Plywood
PPP-B-621 - Boxes, Wood, Nailed and Lock-Corner
PPP-B-636 - Boxes, Shipping, Fiberboard
PPP-C-843 - Cushioning Material, Cellulosic
PPP-F-320 - Fiberboard; Corrugated and Solid, Sheet Stock (Container Grade), and Cut Shapes
PPP-P-40 - Packaging and Packing of Hand Tools
PPP-T-60 - Tape: Packaging, Waterproof
PPP-T-76 - Tape, Packaging Paper, (For Carton Sealing)
PPP-T-97 - Tape, Pressure-Sensitive Adhesive, Filament Reinforced

MILITARY

MIL-C-104 - Crates, Wood; Lumber and Plywood Sheathed, Nailed and Bolted
MIL-P-116 - Preservation, Methods of
MIL-B-121 - Barrier Material, Greaseproofed, Waterproofed, Flexible
MIL-H-775 - Hose, Hose Assemblies; Rubber, Plastic, Fabric, or Metal (Including Tubing); and Fittings, Nozzles, and Strainers, Packaging of
MIL-P-3420 - Packaging Materials, Volatile Corrosion Inhibitor, Treated, Opaque
MIL-C-3774 - Crates, Wood; Open 12,000- and 16,000-Pound Capacity
MIL-C-5501 - Caps and Plugs, Protective, Dust and Moisture Seal General Specification for
MIL-E-16298 - Electric Machines Having Rotating Parts and Associated Repair Parts: Packaging of
MIL-B-26195 - Boxes, Wood-Cleated, Skidded, Load-Bearing Base
MIL-C-52950 - Crates, Wood, Open and Covered

STANDARDS

MILITARY

MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-129 - Marking for Shipment and Storage
MIL-STD-1186 - Cushioning, Anchoring, Bracing, Blocking, and Waterproofing; With Appropriate Test Methods
MIL-STD-1190 - Minimum Guidelines for level C Preservation, Packing and Marking

(Unless otherwise indicated, copies of federal and military specifications and standards, are available from the Naval Publications and Forms Center, (Attn: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099).

2.2 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3 REQUIREMENTS

3.1 First article. When specified, (see 6.2.1), a sample shall be subjected to first article inspection (see 6.2.1), in accordance with 4.2.1. The approved first article and the production items shall be identical and in accordance with the terms of the contract. Approval of the first article shall not relieve the supplier of the responsibility to furnish equipment in accordance with the requirements of this specification.

3.2 Disassembly. When practical, for the protection of components, attachments and accessories against damage, pilferage or to reduce cubage, items may be disassembled only to a necessary basic degree. Disassembled parts shall be clearly and legibly marked as to identity and proper location on the assembled item. All fastners removed during disassembly shall be secured in one of the mating parts. A part shall not be removed from an assembly unless it can be reassembled readily in the field without special skills or tools.

3.3 Disassembled parts marking. Disassembled parts shall be marked, when necessary with instructions, to facilitate reassembly. Removed parts and mating parts on the item shall be marked by stenciling, on the part, or by use of tags. Tags shall be waterproofed and ink used (on parts or tags) shall be waterproof. Tags shall be firmly secured to each individual part.

3.4 Materials. Materials used in preservation, packaging and packing of vulcanizing equipment shall be as specified herein. Materials shall be new and free from defects and imperfections which may affect the serviceability of the complete package or pack.

3.5 Processing conditions. Preservation and packaging shall be accomplished within buildings which have facilities to limit the accumulation of dust and moisture on the equipment being processed. Vulcanizing equipment brought into processing areas from outside shall be allowed sufficient time to reach ambient temperature before processing. Cleaning, drying, and application of preservatives shall progress in an uninterrupted series of operations. When periods of interruption are necessary, temporary protection shall be provided to partially processed items, as required, to insure against contamination.

3.6 General requirements. Component parts of vulcanizing equipment, accessories, and maintenance tools shall be cleaned, dried, preserved, packaged, and packed as specified herein. Parts and assemblies which are not covered by this specification shall be preserved and packaged utilizing the materials and methods specified for similar parts and assemblies described herein. Symbols for preservatives and their application, and methods of preservation specified herein shall conform to the criteria and guidelines of MIL-P-116.

3.7 Preservation-packaging. Preservation-packaging shall be level A, B, or C, as specified (see 6.2.1).

3.7.1 Level A.

3.7.1.1 Cleaning and drying. Cleaning and drying shall be in accordance with the applicable procedures of MIL-P-116.

3.7.1.1.1 Steam system. The steam system shall be drained of all water accumulation and dried thoroughly with moisture-free compressed air. There shall be no cleaning solvents applied to these systems.

3.7.1.2 Preservative application and unit packaging.

3.7.1.2.1 Vulcanizing molds, tire, full circle, steam heated (integral control panel type). Vulcanizers constructed with the control panel as an integral part of the assembly shall be packaged in accordance with submethod IIa. All ferrous, unplated, or unpainted metal surfaces shall be preserved with type P-2 preservative. Preserved surfaces shall be wrapped or covered with barrier material conforming to MIL-B-121, type I, grade A, class optional and secured with tape conforming to PPP-T-60, type optional. Projections and sharp edges which may damage the water-vaporproof barrier shall be cushioned with material conforming to PPP-C-843, type II, class B. Cushioning material shall be secured in place with tape conforming to PPP-T-60, type optional.

3.7.1.2.2 Vulcanizing molds, tire, full circle, steam heated (console control panel separate from tire mold body and frame). The console control panel shall be packaged in accordance with submethod IIa as specified in 3.7.1.2.1. The tire mold body and frame shall be packaged in accordance with method I. All ferrous, unplated, or unpainted metal surfaces shall be preserved with type P-2 preservative. Preserved surfaces shall be wrapped or covered with barrier material conforming to MIL-B-121, type I, grade A, class optional and secured with tape conforming to PPP-T-60, type optional. Exposed ends of power supply cords, receptacles, and junction boxes shall be covered with plastic conforming to L-P-378 (type, class, grade, and finish optional) and secured with tape conforming to PPP-T-60, type IV. The power supply cord shall be coiled and secured to the basic unit with tape conforming to PPP-T-97, type IV, width optional. Accessory equipment shall be preserved-packaged as specified herein and packed with the basic unit.

3.7.1.2.3 Steam systems. Immediately after drying, cover all openings of the system with plastic caps conforming to MIL-C-5501, or tape conforming to PPP-T-60, type IV. There shall be no preservative applied to these systems.

3.7.1.2.4 Hydraulic system(s). Hydraulic systems shall be filled to a normal operating level with a rust inhibitor hydraulic oil which is compatible with the supplier's unit. The system(s) shall be operated to circulate the preservative and assure that the piston walls are thoroughly coated. The piston(s) shall be placed and secured in a retracted position. The oil shall remain in the reservoir.

3.7.1.2.5 Air cylinders. Internal surfaces of the cylinders shall be completely coated by fogging with a preservative oil conforming to P-10, type I, grade 10. Openings shall be sealed with plastic caps conforming to MIL-C-5501 or tape conforming to PPP-T-60, type IV.

3.7.1.2.6 Vulcanizing mold, sectional tire, electrically heated. Vulcanizing molds shall be preserved and packaged in accordance with submethod IIa as specified in 3.7.1.2.1. Accessory equipment shall be preserved and packaged as specified herein, and packed with the basic unit.

3.7.1.2.7 Vulcanizer, hot patch (flammable heat unit). Bench or wall mounted vulcanizers shall be preserved and packaged in accordance with method I. All ferrous, unplated or unpainted metal surfaces shall be preserved with type P-2 preservative. Preserved surfaces shall be wrapped with barrier material conforming to MIL-B-121, type I, grade A, class optional and secured with tape conforming to PPP-T-60, type optional. Place the preserved unit in a close-fitting fiberboard container conforming to PPP-B-636, class weather-resistant.

3.7.1.2.8 Vulcanizer, plate (electrically heated). Bench mounted and portable-type electrical plate vulcanizers shall be preserved and packaged in accordance with submethod IA-16 or submethod IA-14, as applicable. All ferrous, unplated, or unpainted metal surfaces shall be preserved with type P-2 preservative. Preserved surfaces shall be wrapped or covered with barrier material conforming to MIL-B-121, type I, grade A, class optional, and secured with tape conforming to PPP-T-60, type optional

3.7.1.2.9 Tire forms. Tire forms shall be packaged in accordance with method III. The tire forms shall be individually packaged in fiberboard containers conforming to PPP-B-636, class weather-resistant. Tire forms packaged in fiberboard containers shall not exceed the special requirement limitations for size and weight of grade V11c fiberboard containers. The containers shall be closed, reinforced, and waterproofed in accordance with the appendix of the container specification. In the event the size and weight of the tire forms exceed the special requirement limitations of grade V11c fiberboard containers, individually pack the tire forms in wooden boxes conforming to PPP-B-621, class 2 or PPP-B-601, overseas type. All seams and openings shall be sealed with tape conforming to PPP-T-60, type IV prior to packing in wooden boxes. Cushion, block, and brace in accordance with MIL-STD-1186.

3.7.1.2.10 Spreaders, tire. Tire spreaders shall be preserved and packaged in accordance with method I. When practicable, the spreader shall be disassembled to reduce cube or afford protection to components (see 3.2). Air cylinders shall be preserved and packaged as specified in 3.7.1.2.5. Hydraulic systems shall be preserved as specified in 3.7.1.2.4. Electric motors shall be packaged in accordance with level A requirements of MIL-E-16298. All ferrous, unplated, or unpainted, metal surfaces shall be preserved with type P-2 preservative. Preserved surfaces shall be wrapped or covered with barrier material conforming to MIL-B-121, type I, grade A, class optional, and secured with tape conforming to PPP-T-60, type optional. Remove lamps from light fixture and cap sockets with plastic conforming to L-P-378, type, class, grade, and finish optional. Secure with tape conforming to PPP-T-60, type IV. Individually package the lamps in fiberboard containers conforming to PPP-B-636, class weather-resistant and cushion with material conforming to PPP-C-843, type II, class B. Exposed ends of power supply cords, receptacles and junction boxes shall be covered with plastic conforming to L-P-378, type, class, grade, and finish optional. Secure with tape conforming to PPP-T-60, type IV. Coil power supply cord and secure to the basic unit with tape conforming PPP-T-97, type IV, width optional. When practicable, secure light fixture assembly to the basic unit with tape conforming to PPP-T-97, type IV, 1/2-inch minimum width. Accessory equipment preserved and packaged as specified herein shall be packed

with the basic unit.

3.7.1.2.11 Buffing machines. Buffing machines shall be preserved and packaged in accordance with submethod IIa as specified in 3.7.1.2.1. Accessory equipment shall be preserved and packaged as specified herein and packed with the basic unit.

3.7.1.2.12 Steam control stations. Steam control stations shall be preserved and packaged in accordance with method I. All ferrous, unplated, or unpainted metal surfaces shall be preserved with type P-2 preservative. Preserved surfaces shall be wrapped or covered with barrier material conforming to MIL-B-121, type I, grade A, class optional, and secured with tape conforming to PPP-T-60, type optional. Disassemble hoses from the basic unit (see 3.2). Hose and hose fittings shall be preserved and packaged in accordance with level A requirements of MIL-H-775. Openings generated by removal of hoses shall be capped with plastic caps conforming to MIL-C-5501 or tape conforming to PPP-T-60, type IV. Accessory equipment preserved and packaged as specified herein shall be packed with the basic unit.

3.7.1.2.13 Curing bags and tubes. Curing bags and tubes shall be preserved and packaged in accordance with method III requirements. Curing tubes up to and including 11.00 inch cross section shall be individually packaged in fiberboard containers conforming to PPP-B-636, class weather-resistant. Container closure shall be in accordance with the appendix of the box specification. Tubes with cross sections greater than 11.00 inches shall be partially inflated and identified by utilizing tags conforming to UU-T-81, type B, class 2, firmly attached. Curing bags up to and including 14.00 inches by 20 inch tire size shall be individually packaged in fiberboard containers as aforementioned. Curing bags larger than 14.00 inch by 20 inch tire size require no packaging. Identification tags as aforementioned, shall be firmly attached. When two or more partially inflated curing tubes or unpackaged curing bags are packed for shipment, a plastic or kraft paper separator shall be utilized. The separator shall conform to L-P-378, type, class, grade, and finish optional; or UU-P-268, type I, grade optional.

3.7.1.2.14 Testing tanks. Testing tanks shall be preserved and packaged in accordance with method I. All ferrous, unplated, or unpainted metal surfaces shall be preserved with type P-2 preservative. Preserved surfaces shall be covered or wrapped with barrier material conforming to MIL-B-121, type I, grade A, class optional and secured with tape conforming to PPP-T-60, type optional. In addition to the above requirements, the more complex testing tanks having an air cylinder assembly and light fixture shall be packaged as follows. The air cylinder shall be preserved and packaged as specified in 3.7.1.2.5. Remove lamp from light fixture. Cap socket and end of power supply cord with plastic conforming to L-P-378, type, class, grade, and finish optional. Secure with tape conforming to PPP-T-60, type IV. Individually package the lamp in a fiberboard container conforming to PPP-B-636, class weather-resistant and cushion with material conforming to PPP-C-843, type II, class B. Coil power supply cord and secure to the basic unit with tape conforming to PPP-T-97, type IV, width optional.

3.7.1.2.15 Matrices, curing rims, plates, and spacers. Matrices, curing rims, plates, and spacers shall be packaged in accordance with method III. When fiberboard containers are utilized, the containers shall conform to PPP-B-636, class weather-resistant. Identification tags conforming to UU-T-81, type B, class 2 shall be attached to unboxed items.

3.7.1.2.16 Gages and indicators. Gages and dial indicators disassembled from the basic unit shall be packaged in accordance with submethod IC-2. The crystal on all attached gages and dial indicators, including flush-mounted type, shall be covered with one thickness of corrugated fiberboard conforming to PPP-F-320, class weather-resistant, variety single wall, grade optional. Secure in place with tape conforming to PPP-T-60, type IV.

3.7.1.2.17 Rasps (hub and disc type, used on pedestal-type buffing machines). Immediately after cleaning and drying, loosely wrap rasp with VCI conforming to MIL-P-3420, type I, class 1, style c. Individually package the rasp in a fiberboard container conforming to PPP-B-636, class weather-resistant. Cutting areas shall be shielded with two layers of corrugated fiberboard conforming to PPP-F-320, class optional. All seams and joints of the fiberboard container shall be sealed with tape conforming to PPP-T-76, 2-inch minimum width.

3.7.1.2.18 Rasps (hub, bonded adhesive and circular blade type, used on flexible shaft-driven, air tool, and electric drill buffing equipment). Rasps shall be packaged in accordance with submethod IC-1. Immediately after cleaning-drying, and prior to bagging, wrap rasp with VCI conforming to MIL-P-3420, type I, class 1, style c. If additional cushioning is required to prevent puncturing of bag, apply another thickness of VCI. Rasps shall be placed in intermediate containers conforming to PPP-B-636, type CF, class weather-resistant. Net weight of intermediate quantity shall not exceed 40 pounds.

3.7.1.2.19 Rasp sets (replacement blades). Immediately after cleaning and drying, nest the blades together and loosely wrap with VCI conforming to MIL-P-3420, type I, class 1, style c. Individually package the rasp set in a fiberboard container conforming to PPP-B-636, class weather-resistant. Shield cutting areas of blades with two layers of corrugated fiberboard conforming to PPP-F-320, class optional. All seams and joints of the fiberboard container shall be sealed with tape conforming to PPP-T-60, type III, class optional, 2-inch minimum width.

3.7.1.2.20 Heat pads. Heat pads shall be packaged in accordance with submethod IC-2 requirements.

3.7.1.2.21 Associated tire and tube repair materials. Items commercially furnished in sealed cans, drums, jars, or tubes shall not require further preservation and packaging provided the containers are water-resistant. Commercially furnished containers that are not water-resistant shall be packaged in fiberboard containers confroming to PPP-B-636, class weather-resistant. Repair patches for inner tubes and tubeless tire liners in unit quantities of identical size and furnished in the manufacturer's container shall be packaged in accordance with submethod IC-2 requirements. Other items requiring only physical and mechanical protection shall be packaged in accordance with method III using close-fitting fiberboard containers conforming to PPP-B-636, class weather-resistant.

3.7.1.2.22 Maintenance tools. Maintenance tools shall be preserved and packaged in accordance with level A requirements of PPP-P-40.

3.7.1.2.23 Technical data. Technical data furnished with the equipment shall be packaged in accordance with submethod IC-1 and secured to the basic unit.

3.7.1.2.24 Cushioning materials. Cushioning materials other than specified herein may be used provided the materials are water-resistant, noncorrosive, and provide equivalent protection of that specified.

3.7.1.2.25 Closure of fiberboard containers. Unless otherwise specified herein, fiberboard containers shall be closed in accordance with the appendix of the container specification. When using tape for closure, PPP-T-60, type III shall be used in lieu of PPP-T-76.

3.7.2 Level B. Preservation-packaging for level B shall be as specified on detailed packaging standards or detailed packaging instructions provided by the procuring activity (see 6.1 and 6.2).

3.7.3 Level C. Preservation-packaging shall conform to the requirements of MIL-STD-1190.

3.8 Packing. Packing shall be level A, B, or C as specified (see 6.2.1).

3.8.1 General requirements for levels A and B. Shipping containers shall be of similar construction, uniform size, and so far as practicable, be packed to contain like quantities. Open crates are not authorized when method II preservation is employed. Fiberboard boxes containing related items, accessories, and disassembled parts shall not be packed in open-type crates. Items packed in open crates shall be shrouded in accordance with MIL-STD-1186.

3.8.1.1 Selection of container. Selection of container shall be governed by the size and weight limitations of the applicable container specification.

3.8.1.2 Cushioning, blocking, and bracing. Arrangements of contents, cushioning, anchoring, blocking, and bracing shall be in accordance with MIL-STD-1186.

3.8.1.3 Closure and strapping. Closure and strapping of shipping containers shall be in accordance with the appendix of the container specification.

3.8.2 Level A.

3.8.2.1 Shipping container. Unless other wise specified (see 6.2.1), vulcanizing equipment, related items, and accessories preserved and packaged as specified (see 3.7) shall be packed in shipping containers listed in Table I for Level A.

TABLE I. Shipping container.

	Level A	Level B
Specification	Class, type, or style	Class, type, or style
PPP-B-601	Overseas type	Domestic type
PPP-B-621	Class 2	Class 1
MIL-C-104	Type I or II	Type I or II
MIL-C-3774	Type I or II	Type I or II
MIL-B-26195	Type II (plywood Superstructure)	Type I
MIL-C-52950	Style A	Style A or B

3.8.3 Level B.

3.8.3.1 Shipping container. Unless otherwise specified (see 6.2.1), vulcanizing equipment, related items, and accessories shall be packed in containers listed in Table I for Level B.

3.8.4 Level C. Packing shall conform to the requirements of MIL-STD-1190.

3.9 Marking.

3.9.1 Military. When military levels of protection are specified, interior packages and exterior shipping containers shall be marked in accordance with MIL-STD-129.

3.10 Workmanship. Workmanship shall be such that when the proper procedure is followed, materials and equipment being processed will be provided the maximum protection against corrosion and deterioration consistant with the shipment hazards known or anticipated, and suitable for the term of storage expected.

4 QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. Except as otherwise specified in the contract or purchase order, the contractor 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.

4.1.1 Responsibility for compliance. All items shall meet all requirements of section 3. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspections requirements in this specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspection, as part of manufacturing operations, is an acceptable practice to ascertain conformance to requirements, however, this does

not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material.

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

a. First article inspection (see 4.2.1).
b. Quality conformance inspection (see 4.2.2).

4.2.1 First article inspection. When a first article inspection is required by the contract or purchase order (see 3.1), the contractor shall subject the first article pack to the applicable first article inspection and tests specified in MIL-P-116 and the examinations in the applicable container specification and Appendix B of MIL-STD-1186 to determine conformance to the requirements of this specification. When specified (see 6.2.1), first article packages shall be subjected to the rough handling and cyclic exposure test(s) (one or both) as specified in the first article inspection requirements of MIL-P-116. Failure of the first article to pass any of the inspections or tests shall be cause for rejection.

4.2.2 Quality conformance inspection. Quality conformance inspection shall be applied to production packs offered for acceptance under the contract or purchase order.

4.2.3 Inspection of packaging. The sampling and inspection of the preservation, packing, and container marking shall be in accordance with the requirements of MIL-V-45554.

4.2.3.1 Level A and B preservation and packing. Quality conformance inspection shall consist of the applicable quality conformance inspections and tests specified in MIL-P-116 and the examinations in the applicable container specification and Appendix B of MIL-STD-1186 to determine conformance to the requirements of this specification. When specified (see 6.2.1), the packs shall be subjected to the rough handling and cyclic exposure test(s) (one or both) as specified in the quality conformance inspection requirements of MIL-P-116.

4.2.3.2 Level C preservation and packing. Level C preservation and packing shall be examined to determine conformance with the requirements of MIL-STD-1190.

4.3 Sampling.

4.3.1 Level A and B preservation and packing. Sampling for quality conformance inspection shall be conducted in accordance with MIL-STD-105 at the inspection level specified in MIL-P-116 and Appendix B of MIL-STD-1186, respectively. Sampling for examination of the container shall be at level II. When specified (see 6.2.1), sampling for the rough handling and cyclic exposure test(s) (one or both) shall be at inspection level S-2.

4.3.2 Level C preservation and packing. Sampling for quality conformance inspection shall be conducted in accordance with MIL-STD-105 at inspection level S-4.

4.3.3 Disposition of samples. All samples used for inspection and testing shall be reprocessed as necessary. They may, after reprocessing in accordance with the original method of preservation, be considered a part of the original lot. When the packaged item may have been damaged as a result of testing, the item shall be inspected as necessary to determine its acceptability.

5 PREPARATION FOR DELIVERY

5.1 This section is not applicable to this specification.

6 NOTES

6.1 Intended use. This specification is intended to be used for reference in section 5 of commodity specifications or direct reference in contracts or orders. The cleaning, drying, preservation, packaging, packing, and marking requirements specified herein are intended to insure proper and safe storage and transportation of vulcanizing equipment, related items, and accessories for direct shipment to Government activities, or shipments to be processed at a military activity or agency.

6.2 Ordering data.

6.2.1 Acquisition requirements. Acquisition documents should specify the following:

a. Title, number, and date of this specification.
b. When first article inspection is required (see 3.1).
c. Selection of applicable level of protection or industrial (see 3.7 and 3.8).
d. Selection of shipping container to be utilized, if different (see 3.8.2.1 and 3.8.3.1).
e. Performance of inspections, if different (see 4.1).
f. Rough handling test, when required (see 4.2.2.1).

6.3 Conditions for use of level B packaging. When level B preservation is specified (see 3.8.3), this level of protection should be reserved for the acquisition of vulcanizing equipment for resupply worldwide under known favorable handling, transportation, and storage conditions.

6.4 Contract data requirements. Required technical data such as operator's manuals, parts lists, and other instructions for operation and maintenance, as identified on a numbered DD Form 1664, should be specified on a DD Form 1423 incorporated in the contract.

6.5 First article. When a first article is required, it shall be tested and approved under the appropriate provision of the Federal Acquisition Regulation. The first article should be a preproduction sample, or a standard production item from the contractor's current inventory. The contracting officer should include specific instructions in all procurement instruments regarding arrangements for examination, test and approval of the first article.

6.6 Safety and health requirements. In order that equipment integrated into the user's operational environment will comply with OSHA limitations and control of noise levels, radiation, electromagnetic emission, noxious vapors, heat, etc., as applicable, specific requirements concerning such points of operation and other health and safety requirements, should be specified by the user.

6.7 Subject term (key word) listing.

1. Handling
2. Preservation
3. Shipment
4. Storage
5. Vulcanizing Equipment

6.8 Changes from previous issues. Marginal notations are not used in this revision to identity changes with respect to the previous issue due to the extensiveness of the changes.

Custodians:
Army - AL
Navy - YD
Air Force - 99

Review activities:
Army - SM, AT
Navy - YD
Air Force - 84

Preparing activity:
Army - AL

Project No. PACK-0904

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

OMB Approval No. 22-R255

INSTRUCTIONS: The purpose of this form is to solicit beneficial comments which will help achieve procurement of suitable products at reasonable cost and minimum delay, or will otherwise enhance use of the document. DoD contractors, government activities, or manufacturers/vendors who are prospective suppliers of the product are invited to submit comments to the government. Fold on lines on reverse side, staple in corner, and send to preparing activity. 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. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity.

DOCUMENT IDENTIFIER AND TITLE
MIL-V-45554, Revision D - Vulcanizing Equipment, Inclusing Related Items, Tire and Tube, Rebuild and Repair; Packaging Of

NAME OF ORGANIZATION AND ADDRESS

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

☐ DIRECT GOVERNMENT CONTRACT ☐ SUBCONTRACT

1. HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A. GIVE PARAGRAPH NUMBER AND WORDING.

B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2. COMMENTS ON ANY DOCUMENT REQUIREMENT CONSIDERED TOO RIGID

3. IS THE DOCUMENT RESTRICTIVE?

☐ YES ☐ NO *(If "Yes", in what way?)*

4. REMARKS

SUBMITTED BY *(Printed or typed name and address - Optional)*

TELEPHONE NO.

DATE

DD FORM 1 JAN 72 1426

REPLACES EDITION OF 1 JAN 68 WHICH MAY BE USED

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