

BATTLEFIELD MAINTENANCE SYSTEMS ENGINEERING
DESCRIPTION FOR PURCHASE

No. 442, 28APR 2004

for

PAN, WASH (TOTE BOX)

NSN: 3990-00-795-3595

1. SCOPE

1.1 Scope. This Description for Purchase describes a wash pan (tote box) used for receiving drainage of boiling liquid and hot motor vehicle oil from transportation equipment and for cleaning of parts in various automotive maintenance/repair and machine shops.

2. APPLICABLE DOCUMENTS

2.1 Government documents. NONE

2.2 Non-Government documents

American Society for Testing and Materials

ASTM-D-3951 - Packaging, Commercial

(Copies of this document may be purchased from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshocken, PA 19428-2959.)

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein (except for associated detail specifications, specification sheets, or MS standards), the text of this specification shall take precedence. Nothing in this document, however, shall supersede applicable laws and regulations unless a specific exemption has been obtained.

3. PRODUCT REQUIREMENTS

3.1 General description. The wash pan shall:

- a. Be rectangular in shape
- b. Have a length of not less than 18 inches and not greater than 19 inches (top, outside edge to outside edge)
- c. Have a width of not less than 11 inches and not greater than 12 inches (top, outside edge to outside edge)
- d. Have a depth of not less than 5 inches and not greater than 6 inches
- e. Have full inside corner radii of no less than ½ inch.
- f. Have a stable form, that holds its shape when containing both hot and cold liquids
- g. Have a top edge that is rolled form for stiffening and to facilitate lifting
- h. Have tapered sides (for stacking and nesting)
- i. Be leak proof.

- j. Be resistant to degradation caused by moisture, water, solvents, and other liquids normally used in truck and automobile repair shops.
- k. Be corrosion proof for no less than one year

3.2 Performance: The wash pan:

- a. Shall be capable of withstanding boiling radiator liquid and hot motor oil being poured in without causing the pan to lose its shape, without decreasing the wall thickness, and without causing leakage.
- b. Shall maintain its structural integrity when lifted by the edges, while filled to no less Than one inch from the top with a hot shop liquid.
- c. Shall be impact resistant.
- d. Shall be capable of sustaining a drop of no less than four feet while containing a load of no less than ten pounds of evenly distributed weight.

3.2.2 Workmanship. The quality of workmanship imparted to the wash pan shall equal or exceed that typically provided to domestically manufactured commercial wash pans. The wash pan presented for acceptance shall have been manufactured with skill and care; shall be uniform, neat, and clean; and shall be free from irregularities and anomalies which degrade form, fit, function, performance or appearance.

4. VERIFICATIONS.

4.1 General. Product verification shall be performed in accordance with the following requirements.

4.2 Certificate of conformance. A certificate of conformance is required supported by inspection and test data, material analysis, or certification from the raw material producer or processor, and shall be made available to the Government for specifications covering raw material, processed material, and processes. The contractor shall make the certificate of conformance available to the Government prior to acceptance by the Government. As a minimum, the certificate of conformance shall contain the following:

- a. Name of company and date.
- b. Contract number or purchase order number.
- c. Complete nomenclature of supplies together with lot number or other identification. The quantity in each lot or shipment shall be given.
- d. A statement certifying that the wash pan meets all product, preservation, packing and packaging requirements specified herein. The contractor shall furnish, to the cognizant engineering activity, a proposed statement for approval.

5. PRESERVATION, PACKING, AND PACKAGING

5.1 Preservation, Packing and Packaging. Preservation, Packing and Packaging shall be in accordance with ASTM-D-3951 plus the following additional requirements:

- a. Unless otherwise specified herein, shipments to the same destination of identical items having a total packaged displacement exceeding 50 cubic feet shall be palletized unless forklift - handling features such as skids are included on containers.
- b. Workmanship shall be such that when proper procedure is followed, materials and equipment being processed will be provided the maximum protection against corrosion, deterioration, and be suitable for storage to the level of packaging specified.

- c. If the items are packaged in more than one box the boxes shall be marked ie., 1 of 3, 2 of 3, 3 of 3 etc.

5.2 Marking: Container markings shall be in capital letters of equal height, shall be proportionate to the available marking space and shall contain the following information (if applicable) in the order listed

- a. NSN/NATO stock number. (if applicable)
- b. CAGE code of the company awarded the contract, and part number of the item as specified in the contract.
- c. Contract or purchase order number.

5.3 Marking on the shipping container. Markings on the shipping container shall be grouped into three distinct categories, identification markings, contract data markings and address markings.

5.3.1 Identification Markings: (as applicable)

- a. NSN/NATO stock number. (if applicable)
- b. CAGE code of the company awarded the contract, and part number of the item as specified in the contract.
- c. Quantity and unit of issue
- d. Level of protection and date packed.
- e. Gross weight and cube.
- f. Item description or nomenclature.

5.3.2 Contract Data Marking: (as applicable) The contract data marking placed under the identification markings, shall consist of the contract or purchase order number.

5.3.3 Address Markings: The address markings placed to the right of the identification and contract data markings (if space is available) shall consist of the following information in the order shown.

- a. Control number or reference number (as a minimum, the Transportation Control Number (TCN) Shall be provided as the single standard shipment identification number)
- b. FROM MILITARY: Name and address of consignor (DOD Activity Address Code) and in the clear address if applicable
- c. FROM CONTRACTOR: Name and address of the contractor (including nine-digit zip code). When supplies are shipped from a subcontractor, only the name and address of the company awarded the contract shall be used.
- d. TO: Name and address of consignee (DOD Activity Address Code (DODAAC) and in the clear Address if applicable
- e. Piece number and total pieces (if more than one shipping container is used for the order).

5.3.4 Bar code. In addition to the above information, the NSN/NATO stock number (if applicable) shall be bar coded on the unit packs and intermediate containers. The following shall be bar coded on the

shipping container. All bar coding shall use the 3 of 9 format in accordance with AIM BC1.

- a. NSN/NATO stock number.(if applicable)
- b. Contract or order number.
- c. CAGE code of the company awarded the contract.
- d. Contract Line Item Number (CLIN) if applicable.