MILITARY SPECIFICATION

ABRASIVE MATERIALS, FOR BLASTING

This amendment forms a part of Military Specification MIL-A-21380B, dated 15 July 1965, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

2.1, under "SPECIFICATIONS - Federal", delete:

"RR-S-366 Sieves, Standard for Testing Purposes"

2.1, source statement, line 2: Delete "suppliers" and substitute "contractors".

2.2, delete in its entirety and substitute the following:

"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.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM E11-70 -Wire Cloth Sieves for Testing Purposes

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

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

B74.12-1974 -Specifications for the Size of Abrasive Grain-Grinding Wheels, Polishing and General Use

(Application for copies should be addressed to the American National Standards Institute, 1430 Broadway, New York, NY 10018.)

NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INC., AGENT

National Motor Freight Classification

(Application for copies should be addressed to the National Motor Freight Traffic, Tariff Department, 1616 P Street, N.W., Washington, DC 20036.)

FSC 5350

Source: https://assist.dla.mil -- Downloaded: 2026-11-18T19:50Z
Check the source to verify that this is the current version before use.

UNIFORM CLASSIFICATION COMMITTEE, AGENT

Uniform Freight Classification Rules

(Application for copies should be addressed to the Uniform Classification Committee, Room 1106, 222 South Riverside Plaza, Chicago, IL 60606.)"

PAGE 3

4.1, delete in its entirety and substitute the following:

"4.1 Responsibility for inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, 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."

PAGE 4

TABLE I, column 6: Opposite "I, III, IV, V" delete ".0232" and substitute ".0278".

Delete "Adapted from US Department of Commerce publication Commercial Standard CS271-65 dated 12 April 1965" and substitute "American National Standards Institute Standard B74.12-1974, approved 10 April 1974."

PAGE 7

4.6.2.1.1, delete the last sentence and substitute "Screen sizes used for particle size analysis shall conform to the screen sizes specified in ASTM E11-70."

PAGE 12

5.1, delete in its entirety and substitute:

"5.1 Packaging and packing. Packaging and packing shall be level A, level B or minimum protection, as specified (see 6.2).

Source: https://assist.dla.mil -- Downloaded: 2026-11-18T19:50Z
Check the source to verify that this is the current version before use.

5.1.1 Level A - Abrasive material, in the unit quantity specified, shall be unit packed for shipment in multiwall paper sacks conforming to UU-S-48, Type II or III, Grade X with "dipped ends"; metal cans conforming to PPP-C-96 or fiber drums conforming to PPP-D-723. Unless otherwise specified, the above containers shall be palletized in accordance with MIL-STD-147. Bonding shall be made with glue stripes on the unstrapped sacks, arranged flat in interlocking courses. A four inch long cross stripe shall be applied at the approximate center at each end of the sack. Caps shall be utilized. The glue bonding shall be a water resistant adhesive compound of such nature that it will bond units to the pallet and to each other to prevent lateral movement; but which will permit their vertical removal at point of use without damage to the container or its contents. Containers conforming to PPP-C-96 shall be overpacked in accordance with the appendix to the specification as indicated for level A shipment.

5.1.2 Level B. Abrasive material, in the unit quantity specified, shall be unit packed for shipment in multiwall paper sacks conforming to UU-S-48, Type II or III, Grade L/W or fiber drums conforming to PPP-D-723. Caps shall be utilized. Unless otherwise specified, palletization and bonding shall be as indicated above (5.1.1). Containers conforming to PPP-C-96, when used, shall be overpacked in accordance with the appendix to the specifications as indicated for level B shipment.

5.1.3 Minimum protection.

5.1.3.1 Commercial. Abrasive grit, in the quantity specified, shall be packed in shipping containers in a manner that will afford adequate protection, at the lowest rate, against damage during direct shipment from the supply source to the first receiving activity. The containers used shall conform to the rules and regulations of the mode of transportation utilized. Palletization is required for handling by mechanical equipment."

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

User activities:
Army - AR, CR
Navy - YD, MC

Preparing Activity:
Navy - AS
(Project No. 5350-0056)

Source: https://assist.dla.mil -- Downloaded: 2026-11-18T19:50Z
Check the source to verify that this is the current version before use.