

INCH-POUND

MIL-C-0017124 D (AR)

AMENDMENT 5

14 May 1993

SUPERSEDING

AMENDMENT 4

8 July 1991

MILITARY SPECIFICATION

CORD, DETONATING

This Amendment forms a part of Military Specification MIL-C-0017214D (AR) dated 7 January 1985 and is approved for use by the US Army Armament Munitions and Chemical Command and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 2

- * 2.1.1, Specifications: Delete "TT-I-1795" and substitute "AA208".

PAGE 4

- * 3.1 Delete "drawings" and substitute "drawings, standards".
- * 3.2.1 PETN (applicable to Type 1):

Delete "The PETN used in the manufacture of the detonating cord shall comply with MIL-P-387, Class 1." and substitute "The PETN used in the manufacture of the detonating cord shall comply with MIL-P-387, Class 1 to 4."

PAGE 7

- * 3.8: Delete "Color X24087" and substitute "Color 24084". Delete "outside and covered" and substitute "outside and sealed".
- * 3.10.2: Delete "4.5.10.2" and substitute "4.5.11.2".

PAGE 10

- 4.4.2a: Delete and substitute: "Unless otherwise specified in the Classification of Defects and Tests paragraphs, sampling plan shall be in accordance with Table IV below using Inspection Level I for major defects and Inspection Level II for minor defects."

1 of 4.

AMSC N/A

FSC1375

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Table II. Sampling Inspection

Lot Size	Level I	Level II
2 to 8	*	*
9 to 150	32	13
151 to 500	32	30
501 to 1200	74	35
1201 to 3200	74	43
3201 to 10000	87	56
10001 to 35000	109	61

Numbers under inspection levels indicate sample size. Asterisks indicate 100 percent inspection. If sample size exceeds lot size, perform 100 percent inspection. Accept on zero defects and reject on one or more defects for both inspection levels.

PAGES 11 THROUGH 15

4.4.2.1 through 4.4.2.5:

Delete the column heading "AQL or 100% and substitute the new heading "Conformance Criteria" on all pages.

Delete all AQL's cited for major and minor defects and substitute "Level I" for each major defect and "Level II" for each minor defect.

PAGE 13

- * 4.4.2.3, Minor defect 202: Delete "Marking misleading" and substitute "Marking missing, misleading".

PAGE 14

- * 4.4.2.4: Delete 4.4.2.4 Classification of Defects and Tests in its entirety.

PAGE 15

- * 4.4.2.5, Major defect 105: Delete "3.7.1" and substitute "3.8".

4.4.2.5, Major defect 105:

Delete "Sealing End" and substitute "Waterproofness"

Delete "0.40" and substitute "1 sample"

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Delete "3.8" and substitute "3.7"

Delete "4.5.9" and substitute "4.5.8"

PAGE 16

- * 4.4.3.1.6: Delete "3.8" and substitute "3.9".

PAGE 18

- * 4.5.5.2: Delete "with the end...core and detonated." and substitute "The end of the blasting cap shall be placed in immediate contact with the explosive core, then detonated."
- * 4.5.6.1: Delete "The cord shall...all the turns." and substitute: "In conformance with Specification MIL-C-46246, the cord shall be snugly tied around a TNT demolition block, with three turns plus a half hitch on the end leading to the detonating cap. The other end should be securely tucked beneath all the turns."

PAGE 19

- * 4.5.10: Delete "72 hours" and substitute "72 hours (refer to para. 4.4.3.1.6)."

PAGE 21

- * 5.4.4: Delete "5.4.4 Level/C." and substitute "5.4.3 Level C."

PAGE 22

- * 5.5.1 Marking for Army use. Delete in its entirety and substitute the following:

"5.5.1 Marking for Army use. Each spool, unit box and bag shall be labeled, stamped, or printed in accordance to marking requirements of MIL-STD-129.

NSN
(No. Ft) Cord, Detonating
Type () C1 ()
Lot (Mfr Symbol - No.)
Gross Weight

Letters shall be upper case. Letter and number size min. 1/4 inch. Labels shall be white gummed stock. Stamping ink shall be black conforming to specification AA208 or drawing 9211789. Labels shall be coated on exterior with waterproof adhesive conforming to MMM-A-178 or MMM-A-179 on Level A shipments. Exterior boxes containing Type I or II detonating cord shall be marked in accordance with drawing 8796522.

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The DOT marking for Detonating cord when the gross weight of the package 100 lbs or less and not exceeding 100 grains/linear foot shall be "cord Detonating flexible - Handle Carefully" and for Detonating cord exceeding 100 lbs gross weight shall be "Cord, Detonating UN 0065."

Mark UN "POP" marking on opposite side of the box as the descriptive nomenclature as follows:

"U 4C1/Y*/S/**
N USA/DOD/AYD"

At * enter the gross weight when packed in kilograms, rounded up to the next whole number, and at ** enter the last two digits of the year packed.

Exterior boxes containing Type III (inert) cord shall be marked in accordance with Dwg. 8796522 and MIL-STD-129."

* Add new paragraph:

"5.5.2 Marking for Navy use. Each 500 ft spool specified in 5.1.1.3 shall be labeled, stamped, or printed in accordance with MIL-STD-129. Mark metal drum in accordance with drawing 8806652 and MIL-STD-129."

* 6.3.1: Delete "Dover, NJ 07801" and substitute "Picatinny Arsenal, NJ 07806-5000".

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* 6.4: Delete "Dover, NJ 07801" and substitute "Picatinny Arsenal, NJ 07806-5000".

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Custodian:
Army-AR

Preparing activity:
Army-AR

(Project 1375-A508)