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INTERIM AMENDMENT
MILITARY SPECIFICATION
CORD, DETONATING

This Interim Amendment is issued for use by the U.S. Army Armament, Research and Development Command and the U.S. Army Materiel Readiness Command with Military Specification MIL-C-17124C, dated 23 June 1966.

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Paragraph 2.1 Specification Federal. -Make the following changes:

Add "MMM-A-178 -Adhesive, Paper Label, Water-Resistant"
Add "MMM-A-179 -Adhesive, Paper Label, Water-Resistant, Water Emulsion Type"
Add "PPP-T-45 -Tape, Gummed, Paper, Reinforced and Plain, For Sealing and Securing"
Add "PPP-B-636 -Box, Fiberboard"
* "PPP-C-843 -Cushion Material, Cellulosic"
Delete "PPP-B-676 -Boxes, Set-up, Paper Board"
Delete "TT-I-559" and substitute "TT-I-1795, Type II or III - Ink, Marking, Stencil, Opaque (Porous and Non-Porous Surfaces)"

Paragraph 2.1 Specifications, Military. -Add the following"

"MIL-P-116 -Preservation, Methods of
MIL-B-117 -Bag and Sleeve, Interior Packaging
*"MIL-B-46506 -Boxes, Ammunition Packing, Wood Wire bound"
MIL-F-50449 -Filler, Sheet Form (For Use in Ammunition Containers)"

Paragraph 2.1 Specification Military. -Delete "MIL-T-234" and substitute "MIL-C-46246 Charge, Demolition, TNT, Block 1/4 Pound, 1/2 Pound, and 1 Pound"

Paragraph 2.1 Standard, Military. -Add the following"

"MIL-STD-1169 -Packaging, Packing and Marking for Shipment of Inert Ammunition Components"
*"MS27684 -Drum, Metal, Shipping and Storage, 3-12 Gallons"

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Paragraph 2.1 Standard, Military. -Add the following"

"MIL-STD-1169 -Packaging, Packing and Marking for Shipment of Inert Ammunition Components"
*"MS27684 -Drum, Metal, Shipping and Storage, 3-12 Gallons"
*"8806652 -Marking and Sealing of Cylindical Containers"

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Paragraph 3.1.1 PETN Delete "Applicable class shall be specified in the contract" and substitute "class optional"

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Paragraph 3.1.3 In the first sentence following "PVC filler" insert "or other powdered inert fillers."

Table I, Type III, Delete the first sentence and substitute the following sentence: "All type III detonating cord shall be inert loaded with PVC filler or other powdered inert fillers."

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Paragraph 4.2.2.1 Detonating Cord on Spool. -Add the following"

"Minor
204 Marking misleading or unidentifiable on spool, Visual 01004

Paragraph 4.2.2.2 Box, Paper or Fiber, sealed

"Minor -Delete AQL "1.50" and substitute "2.50"

Add the following:

"205. Barrier bag missing, Visual 02005"

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Paragraph 4.3.2.4 line 4. -Delete MIL-T-234 and substitute "MIL-C-46246."

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Paragraph 4.3.8 Temperature conditions. -Delete the 5th sentence in its entirety and substitute the following:

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"The detonating cord shall be oriented horizontally in a loose Elliptical Coil approximately one foot by two feet and contained in a perforated stainless steel basket during the 72 hours exposure at -65°F."

Add a new paragraph as follows:

*5.1.2.2 "Level A -For Navy use, one 500 foot length shall be furnished on commercial spool per para 5.1.3.1."

Paragraph 5.1.3.1 Level A. -Delete the entire paragraph and substitute "5.1.3.1 Level A. -Each spool of detonating cord shall be placed in a fiberboard box conforming to Specification PPP-B-636 for a Type CF, Class Domestic, Variety SW, Grade 200 minimum box. Boxes shall be closed by applying PPP-T-45, Type III, Class 2, Grade B tape, 2 inch wide over the full length of the center top and bottom box seam with an approximate 3 inch extension onto the end panels of the box. All corners of each box shall be blunted and each box inserted into a barrier bag conforming to MIL-B-117 for a Type I or II, Class E, Style 1 or 2. All excess air shall be exhausted from the bag and the opening closed by heat sealing. The bag shall meet the heat seal test of MIL-P-116.

"Paragraph 5.1.3.2 Delete the entire paragraph and substitute: "5.1.3.2 Level C. -Spools of detonating cord shall be packaged in same manner as described in 5.1.3.1 except the barrier bag is not required.

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Paragraph 5.2.1 Level A -Delete the entire paragraph and substitute: "5.2.1 Level A. (For Army Use) Detonating cord packaged in accordance with 5.1.3.1 shall be packed in wood boxes conforming to Specification MIL-B-2427 for Type I, Class 1 box. All interior surfaces of the box shall be lined with fillers, sheet form MIL-F-50449. Additional fillers shall be placed on top of the box contents as required for a tight pack. The number of rolls per box shall be:

1000 ft. rolls - 3 per box
500 ft. rolls - 6 per box
100 ft. rolls and 50 ft. rolls - as specified in contract or purchase order

Boxes shall be closed and strapped in accordance with instructions contained in the appendix of the box specification."

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Add a new paragraph as follows:

*5.2.1.1 "Level A (For Navy Use) - One spool of detonating cord shall be packed in a metal shipping and storage drum described in MS27684-11, having the following dimensions for height as described in Table in MS27684 (Sheet 1), A = 5.24 inches; B = 5.72 inches and D = 6.5 inches. The drum shall be equipped with a Style 1 cover and locking ring as described in MS27684-21.

The spooled detonating cord shall be packed in the drum using cellulose wadding cushioning material complying with PPP-C-843 in the following manner: A 30 inch X 4.5 inch X 1/4 inch piece of cushioning material shall be wrapped around the circumfrence of the spool and taped in place completely covering the detonating cord. A 7.5 inch x 7.0 inch X 1/4 inch piece of the cushioning shall be placed in the bottom of the drum and one circular surface of the detonating cord spool placed in the drum in contact with the cushioning. A second piece of cushioning material of the same dimensions as that placed on the bottom of the drum shall be placed on the exposed end of the spool, additional filler material or a wadding cushion shall be placed in the drum as required for a tight fit and the cover shall be locked in place using the locking ring.

Using fillers complying with specification MIL-F-50449 to separate drums and insure a tight fit place eight metal drums containing detonating cord upright in two layers of four each in a Grade A, Type 1, Class 2 wire bound box complying with MIL-B-46506 and having the following dimensions 23 1/8 inches X 23 1/8 inches X 13 3/4 inches in height. (All dimensions may have +1/8 inch deviation)."

Paragraph 5.2.2 Level C. -Delete the entire paragraph and substitute: "5.2.2 Level C. -Detonating Cord Type I and II packaged in accordance with 5.1.3.2 shall be packed in accordance with Title 49 Code of Federal Regulations Part 173.104. Type III, (Inert) cord shall be packaged as specified in MIL-STD-1169."

Paragraph 5.3 Marking. -Delete the entire paragraph and substitute the following:

*5.3 Marking

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5.3.1 Marking for Army use

"Each spool, unit box and bag shall be labeled, stamped or printed as follows:

1 - CORD, DETONATING
Type ( ) * Cl ( )* (No. Ft)*
LOT (Mfr Symbol - No.)*
LOADED (MO/YR)
*Insert applicable number or letter

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 TT-I-1795 or drawing 9211789. Labels shall be coated on exterior with waterproof adhesive conforming to MMN-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. The DOT marking shall be CORDEAU DETONANT FUSE-HANDLE CAREFULLY.

"Exterior boxes containing Type III (Inert) cord shall be marked in accordnce with MIL-STD-1169 marking requirements."

5.3.2 "Marking for Navy use. Each 500 ft spool specified in 5.1.1.3 shall be labeled, stamped or printed with nomenclature and lot number. Mark metal drum in accordance with Drawing 8806652."

*"The margins of this Amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous Amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous Amendment."

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