

4295E014

CONTRACT _____

PRINTED 10/27/2014

ATTACHMENT 1

PAGE 10/2

4720 1A

ITEM NO.

SECTION B

STOCK NUMBER

4720-LL-L01-0015

ITEM NAME METAL LINED RUBBER HOSE, (SATURATED STEAM SERVICE).

SPECIAL CHARACTERISTICS

INSIDE DIA.: .75", LENGTH: 25' +2/-0% VARIANCE ACCEPTABLE(INCLUDING END FITTINGS), MILPEC P/N: M 29210-075-MM-25 OR M29210075MF25, HOSE END FITTING SHALL BE DIXON VALVE AND COUPLING, SEE DESCRIPTION/SPECIFICATION IN SECTION C.1H

C DESCRIPTION/SPECIFICATIONS

C.1 HOSE ASSEMBLIES TO BE IN ACCORDANCE WITH MIL-DTL-29210E(NAVY)

PARAGRAPH 6.2 (ORDERING DATA) WITH EXCEPTIONS AS NOTED IN PARAGRAPHS C.1 THROUGH C.6.

(A) "HOSE ASSEMBLY, RUBBER, METAL LINED, WIRE REINFORCED, 250 PSIG, SATURATED STEAM SERVICE", MIL-DTL-29210E 07 APRIL 2009.

(B) SIZE OF HOSE TO BE AS INDICATED IN SECTION B OF THIS SCHEDULE. THE HOSE SHALL BE TYPE II. SEE (H) BELOW FOR END FITTING STYLES.

© ISSUE OF DODISS PER PARAGRAPHS. 2.2.1 AND 2.3 OF MIL-DTL-29210E.

(D) FIRST ARTICLE IS NOT REQUIRED.

€ HOSE REINFORCEMENT WIRE MAY BE BRASS OR ZINC-PLATED HIGH TENSILE CARBON STEEL WIRE.

(F) SEE (H) BELOW.

(G) THE HOSE SHALL BE FURNISHED IN NOMINAL 25 FOOT LENGTHS.

(H) HOSE FITTINGS FOR 3/4" HOSE SHALL BE:

FIRST AND SECOND END FITTINGS - 3/4" NPT MALE STEM, DIXON P/N: MS6-3.

HOSE END FITTINGS FOR 1"HOSE SHALL BE:

FIRST END - WING NUT, DIXON P/N: B12 AND STEM, DIXON P/N: GB11-3.

SECOND END - 1" NPT MALE STEM, DIXON P/N: MS11-3.

HOSE END FITTINGS FOR 1-1/2"HOSE SHALL BE:

FIRST END - WING NUT, DIXON P/N: B17 AND STEM, DIXON P/N: GB21-3.

SECOND END - 1-1/2" NPT MALE STEM, DIXON P/N: MS21-3 AND

FEMALE CLAMP, DIXON P/N: B24, MALE CLAMP, DIXON P/N: B22

(I) SEE (H) ABOVE OF THIS SCHEDULE.

(J) NO SAMPLE TEST HOSE REQUIRED.

(K) PACKAGING TO BE AS INDICATED IN SECTION D OF THIS SCHEDULE.

C.2 THE UNLINED HOSE USED IN THE MANUFACTURE OF THIS METAL LINED STEAM HOSE MAY CONFORM TO THE PREVIOUS REVISION (MIL-STD-29210B) OF THIS SPECIFICATION.

C.3 PARAGRAPH 3.8 "IDENTIFICATION MARKING". HOSE IDENTIFICATION MARKINGS MAY BE THE MANUFACTURER'S STANDARD PRACTICE FOR THIS TYPE OF HOSE.

C.4 PARAGRAPH 4.7.2.4 "STEAM RESISTANCE TEST". THE 1500 HOUR STEAM RESISTANCE TEST IS NOT REQUIRED. THE MANUFACTURER'S STANDARD TEST FOR THIS TYPE OF HOSE IS

4295E014

4720 1A

ACCEPTABLE.

- C.5 STAINLESS STEEL HOSE REINFORCEMENT WIRE IS UNACCEPTABLE DUE TO REPORTS OF PREMATURE HOSE FAILURE AT OTHER SHIPYARDS.
- C.6 THE HOSE COLOR SHALL BE BLACK. YELLOW MARKINGS OR HOSE COLOR IS UNACCEPTABLE. FOR THE 1" HOSE ASSEMBLIES LSN 4720-LL-L01-0016 RED HOSE COLOR IS ACCEPTABLE.
- C.7 HOSE TO BE LOCAL PURCHASE, BECAUSE MIL-DTL-29210 (STOCK SYSTEM) ALLOWS FOR "YELLOW" MARKINGS WHICH ARE UNACCEPTABLE PER C105 FOR USE AT PORTSMOUTH NAVAL SHIPYARD IN COMPLIANCE WITH INSTRUCTION NAVSHPYD PTSMHINST 3441.3A OF 29 MAY 1985.
- C.8 C500 MERCURY CONTROL (SUPPLIES)

D PRESERVATION/PACKAGING/PACKING

- D.1 PARAGRAPH 5.1 OF PROCUREMENT SPEC. MIL-DTL-29210E LEVEL C.
- D.2 HOSE ENDS SHALL BE SEALED WITH PLASTIC PLUGS OR PLASTIC CAPS TO PREVENT ENTRY OF FOREIGN MATERIALS DURING SHIPPING/STORAGE.

E INSPECTION ACCEPTANCE

- E.1 E1 RESPONSIBILITY FOR INSPECTION

H SPECIAL PROVISIONS

K Section

L Section

M Section

CONTRACT

PRINTED 10/27/2014

ATTACHMENT 2

PAGE 1 of 2

4720 1A

ITEM NO.

SECTION B

STOCK NUMBER

4720-LL-DM1-0547

ITEM NAME HOSE ASSYEMBLY, NONETALLIC, MIL-DTL-29210E

SPECIAL CHARACTERISTICS

INSIDE DIAMETER: 1.500", LENGTH 25 FT +2/-0% VARIANCE ACCEPTABLE (INCLUDING END FITTINGS), MILSPEC P/N: M29210-150-MF-25 OR M29210150MF25. HOSE END FITTINGS SHALL BE DIXON VALVE AND COUPLING. SEE DESCRIPTION/SPECIFICATIONS SECTION C1.H

C DESCRIPTION/SPECIFICATIONS

C.1 HOSE ASSEMBLIES TO BE IN ACCORDANCE WITH MIL-DTL-29210E(NAVY) PARAGRAPH 6.2 (ORDERING DATA) WITH EXCEPTIONS AS NOTED IN PARAGRAPHS C.1 THROUGH C.6.

- (A) "HOSE ASSEMBLY, RUBBER, METAL LINED, WIRE REINFORCED, 250 PSIG, SATURATED STEAM SERVICE", MIL-DTL-29210E 07 APRIL 2009.
- (B) SIZE OF HOSE TO BE AS INDICATED IN SECTION B OF THIS SCHEDULE. THE HOSE SHALL BE TYPE II. SEE (H) BELOW FOR END FITTING STYLES.
- © ISSUE OF DODISS PER PARAGRAPHS. 2.2.1 AND 2.3 OF MIL-DTL-29210E.
- (D) FIRST ARTICLE IS NOT REQUIRED.
- € HOSE REINFORCEMENT WIRE MAY BE BRASS OR ZINC-PLATED HIGH TENSILE CARBON STEEL WIRE.
- (F) SEE (H) BELOW.
- (G) THE HOSE SHALL BE FURNISHED IN NOMINAL 25 FOOT LENGTHS.
- (H) HOSE FITTINGS FOR 3/4" HOSE SHALL BE:
FIRST AND SECOND END FITTINGS - 3/4" NPT MALE STEM, DIXON P/N: MS6-3.

HOSE END FITTINGS FOR 1"HOSE SHALL BE:

- FIRST END - WING NUT, DIXON P/N: B12 AND STEM, DIXON P/N: GB11-3.
- SECOND END - 1" NPT MALE STEM, DIXON P/N: MS11-3.

HOSE END FITTINGS FOR 1-1/2"HOSE SHALL BE:

- FIRST END - WING NUT, DIXON P/N: B17 AND STEM, DIXON P/N: GB21-3.
- SECOND END - 1-1/2" NPT MALE STEM, DIXON P/N: MS21-3 AND FEMALE CLAMP, DIXON P/N: B24, MALE CLAMP, DIXON P/N: B22

- (I) SEE (H) ABOVE OF THIS SCHEDULE.
 - (J) NO SAMPLE TEST HOSE REQUIRED.
 - (K) PACKAGING TO BE AS INDICATED IN SECTION D OF THIS SCHEDULE.
- C.2 THE UNLINED HOSE USED IN THE MANUFACTURE OF THIS METAL LINED STEAM HOSE MAY CONFORM TO THE PREVIOUS REVISION (MIL-STD-29210B) OF THIS SPECIFICATION.
- C.3 PARAGRAPH 3.8 "IDENTIFICATION MARKING". HOSE IDENTIFICATION MARKINGS MAY BE THE MANUFACTURER'S STANDARD PRACTICE FOR THIS TYPE OF HOSE.
- C.4 PARAGRAPH 4.7.2.4 "STEAM RESISTANCE TEST". THE 1500 HOUR STEAM RESISTANCE TEST IS NOT REQUIRED. THE MANUFACTURER'S STANDARD TEST FOR THIS TYPE OF HOSE IS

4295E026

4720 1A

ACCEPTABLE.

- C.5 STAINLESS STEEL HOSE REINFORCEMENT WIRE IS UNACCEPTABLE DUE TO REPORTS OF PREMATURE HOSE FAILURE AT OTHER SHIPYARDS.
- C.6 THE HOSE COLOR SHALL BE BLACK. YELLOW MARKINGS OR HOSE COLOR IS UNACCEPTABLE. FOR THE 1" HOSE ASSEMBLIES LSN 4720-LL-L01-0016 RED HOSE COLOR IS ACCEPTABLE.
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- C.8 C500 MERCURY CONTROL (SUPPLIES)

D. PRESERVATION/PACKAGING/PACKING

- D.1 PARAGRAPH 5.1 OF PROCUREMENT SPEC. MIL-DTL-29210E LEVEL C.
- D.2 HOSE ENDS SHALL BE SEALED WITH PLASTIC PLUGS OR PLASTIC CAPS TO PREVENT ENTRY OF FOREIGN MATERIALS DURING SHIPPING/STORAGE.

E. INSPECTION ACCEPTANCE

- E.1 E1 RESPONSIBILITY FOR INSPECTION

H. SPECIAL PROVISIONS

K. Section

L. Section

M. Section