PRODUCTION STANDARD

NOTICE: WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THERE BY INCURS NO RESPONSIBILITY NOR ANY OBLIGATIONS WHATSOVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS

SYMBOL	DESCRIPTION	DATE	APPROVAL
A	030826104254	8/29/03	DDM
B	031007152800	10/16/03	DDM

INDIVIDUAL REPAIR PARTS ORDERING DATA

SI NUMBER : **4ZZZ1Z2CAE**

PLISN: **0050**

ITEM NAME: **CABLE, SPECIAL PURPOSE , ELECTRICAL**

TO BE IN ACCORDANCE WITH REVISION OF (OEM/CAGE)

DWG/CAT NUMBER **LSTTSA-5** PIECE

AND THE FOLLOWING REQUIREMENTS:

1.0 SCOPE

THIS IRPOD PROVIDES THE REQUIREMENTS FOR A REPAIR PART CONSISTING OF ONE PIECE.

2.0 LIST OF APPLICABLE DOCUMENTS

IF A SUPPLIER QUOTES TO A LATER REVISION OF THE DRAWING (OR CATALOG ITEM) THAN SPECIFIED BELOW, SUBMITTAL OF QUOTE SHALL INCLUDE TWO (2) COPIES OF THE REVISED DOCUMENTS AND AN EVALUATION OF THE INTERCHANGEABILITY.

THE FOLLOWING DOCUMENTS AND CHANGE DATA ARE APPLICABLE TO THE EXTENT SPECIFIED IN THIS IRPOD, THE DRAWINGS, OR OTHER DOCUMENTS INVOKED BY THIS IRPOD. CONTRACTING AGENCY APPROVAL IS REQUIRED TO USE EARLIER SPECIFICATION VERSIONS THAN THOSE LISTED HEREIN, EXCEPT AS IDENTIFIED BELOW. IF NO DOCUMENT VERSION IS LISTED, THEN ANY VERSION OF THE DOCUMENT MAY BE USED.

RAW MATERIAL REQUIRED HEREIN MAY HAVE BEEN PROCESSED OR TESTED (FOR EXAMPLE, HEAT TREATED OR ULTRASONICALLY TESTED) AS REQUIRED BY THE RAW MATERIAL SPECIFICATION PRIOR TO RECEIPT OF THIS ORDER USING PREVIOUS VERSIONS OF PROCESSING OR TESTING SPECIFICATIONS. THIS PROCESSING AND TESTING NEED NOT BE REPEATED IF:

1. IT COMPLIED WITH THE APPLICABLE REQUIREMENTS OF THE PROCESSING/TESTING SPECIFICATION VERSIONS IN EFFECT AT THE TIME OF THE ACTUAL PROCESSING OR TESTING AND
2. ALL REQUIREMENTS OF THE RAW MATERIAL SPECIFICATION VERSION LISTED HEREIN HAVE BEEN SATISFIED.

SECTION 6.0 IDENTIFIES SPECIAL REQUIREMENTS FOR SUBMITTAL OF THE PROCEDURES USED FOR COMPLETED PROCESSING AND TESTING. ALL PROCESSING AND TESTING PERFORMED AFTER RECEIPT OF THIS ORDER SHALL CONFORM TO THE PROCESSING/TESTING SPECIFICATION VERSIONS LISTED HEREIN.

DISTRIBUTION STATEMENT A

DEFENSE SUPPLY CENTER, COLUMBUS
COLUMBUS, OHIO

TITLE **ITEM PRODUCTION STANDARD**
6145-01-202-0693

TYPIST Denis G. McCune	DATE 8/29/03	CODE IDENT. NO. 16236	STD. NO. LO5088
CHECKER Denis G. McCune	DATE 8/29/03		
Denis G. McCune	DATE 8/29/03		SHEET 1 OF 3

DSCC FORM 6, JUN 00 (EG) PREVIOUS EDITION OBSOLETE

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A	030826104254	8/29/03	
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DOCUMENT NUMBER	VERSION	TITLE
MILITARY SPECIFICATIONS		
MIL-DTL-24643/23	F	CABLE, ELECTRICAL, 300 VOLTS, TYPE LSSTTSU
MIL-C-24643	A	CABLES AND CORDS, ELECTRICAL, LOW SMOKE, FOR SHIPBOARD USE, GENERAL SPECIFICATION FOR
MIL-DTL-24643	B	CABLES AND CORDS, ELECTRICAL, LOW SMOKE, FOR SHIPBOARD USE, GENERAL SPECIFICATION FOR
MIL-C-24643/23	E	CABLE, ELECTRICAL, 300 VOLTS, TYPE LSSTTSU(INCLUDING VARIATION LSTTSA)
MILITARY STANDARDS		
+ MIL-STD-129	H, NOT. 1-4	MARKING FOR SHIPMENT AND STORAGE

+ LATER VERSIONS (IE: REVISIONS, AMENDMENTS, CHANGE NOTICES AND/OR INTERIM CHANGES) OF DOCUMENTS IDENTIFIED BY THIS SYMBOL MAY BE USED IN THE PERFORMANCE OF THE CONTRACT. WHICHEVER VERSION IS USED MUST BE USED IN ITS ENTIRETY. THE LATER VERSION MAY BE IDENTIFIED AS "MIL-DTL-" OR MIL-PRF-" AS APPLICABLE, WHICH IS EQUIVALENT TO "MIL-#-" (WHERE # IS AN ALPHA CHARACTER).

3.0 TECHNICAL REQUIREMENTS

3.1 MATERIAL REQUIREMENTS

CABLE, ELECTRICAL LSTTSA-5

THE CABLE SHALL BE IN ACCORDANCE WITH MIL-DTL-24643 AND MIL-DTL-24643/23. THE CABLE SHALL BE COVERED WITH CABLE ARMOR IN ACCORDANCE WITH PARAGRAPH 3.3.13 OF MIL-C-24643. THE ARMOR SHALL CONSIST OF ARMOR-WIRES MADE OF ALCAD 5056 OR 5154 ALUMINUM ALLOY HAVING A DIAMETER OF 0.0126 INCH +/- 0.0005 INCH.

3. 2 MANUFACTURING AND PROCESS REQUIREMENTS

CABLE , ELECTRICAL LSTTSA-5

SURFACES SHALL BE EXAMINED VISUALLY TO DETERMINE FREEDOM FROM DIRT, CORROSION, OIL, GREASE OR FOREIGN RESIDUE IF NECESSARY, PARTS SHALL BE CLEANED BY ANY PROCESS OR COMBINATION OF PROCESSES WHICH WILL ACCOMPLISH THOROUGH CLEANING WITHOUT DAMAGE TO THE PART(S). PRESERVATIVES SHALL NOT BE USED ON PARTS WHICH ARE VULNERABLE TO DAMAGE BY PRESERVATIVES.

MERCURY CONTAMINATION:
THIS ITEM SHALL NOT CONTAIN AND SHALL NOT BE CONTAMINATED BY MERCURY OR MERCURY COMPOUNDS. THIS REQUIREMENT MUST BE PASSED ON TO ALL SUBCONTRACTORS.

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4.0 PREPARATION FOR DELIVERY

CABLE, ELECTRICAL LSTTSA-5

MARKING REQUIREMENTS:
MARKING AND LABELING SHALL BE IN ACCORDANCE WITH MIL-STD-129.BAR CODE MARKING SUITABLE FOR HAND SCANNING IS REQUIRED. IN ADDITION TO THE STANDARD MARKING REQUIREMENTS OF MIL-STD-129, THE SELLER SHALL INCLUDE THE MANUFACTURER'S COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE AND THE MANUFACTURER'S REFERENCE/PART NUMBER (MFR/P/N) ON INTERMEDIATE AND UNIT PACKS.

PACKAGING AND PACKING REQUIREMENTS:

PACKAGING AND PACKING SHALL BE AS SPECIFIED ELSEWHERE IN THE CONTRACT.

END OF IRPOD

DISTRIBUTION STATEMENT A

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TITLE **ITEM PRODUCTION STANDARD**
6145-01-202-0693

CODE IDENT. NO. **16236**

STD. NO. **LO5088**

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