

ATTACHMENT 002

GOVERNMENT FURNISHED MATERIAL

QTY	COMPONENT
2,800 EA	SARANEX DISCS (ITEM #1 OF P/N 5-19-11499)

SHALL BE PROVIDED AS GOVERNMENT FURNISHED MATERIAL 30 DAYS  
AFTER AWARD OF CONTRACT.

## NOTICE TO ACCOMPANY THE DISSEMINATION OF EXPORT-CONTROLLED TECHNICAL DATA \*\*

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Export-controlled technical data is identified by marking in accordance with Para 1. above, or by the abbreviated form "WARNING - Export-controlled".

ATTACHMENT 003

**NOT APPLICABLE TO INTERPLANT SHIPMENTS (A)**

<b>SPECIAL PACKAGING INSTRUCTION(SPI) (A)</b>						<b>NATIONAL STOCK NUMBER</b>	
<b>NOMENCLATURE</b> Repair Strap					UI EA	QUP 1	SPI NUMBER (PN) P5-19-11499
Cleaning & Drying shall be in accordance with MIL-STD-2073-1							
<b>UNIT PACK</b> LEVEL A REQUIREMENTS (MIL-STD-2073-1, Method 31)	<b>STEPS</b>	<b>DRAWING OR SPECIFICATION</b>	<b>STYLE</b>	<b>TYPE</b>	<b>GRADE</b>	<b>CLASS</b>	<b>SIZE AND REMARKS (INCHES)</b>
Container	1	MIL-B-117	1	II		B	15 1/2 x 6 1/2
Closure	(B)2						Heat Seal
Level B (Method )		See Note		In accordance with MIL-STD-2073-1			
<b>INTERMEDIATE PACKAGING AND PACKING</b>				<b>MARKING</b>			
<input checked="" type="checkbox"/> In accordance with MIL-STD-2073-1				<input checked="" type="checkbox"/> In accordance with MIL-STD-129			
<input type="checkbox"/> As specified hereon.				<input type="checkbox"/> As specified hereon.			
<b>QUALITY PERFORMANCE and TESTING REQUIREMENTS</b>							
<input checked="" type="checkbox"/> In accordance with MIL-STD-2073-1							
<input checked="" type="checkbox"/> As specified hereon.							
Unless otherwise specified, materials shall be minimum size in accordance with MIL-STD-2073-1. Tolerances shall be in accordance with material specifications.							
<b>UNIT PACK LOGISTICS DATA (Weights and Sizes Approximate)</b>							
<b>LEVEL</b>	<b>UNIT PACK QUANTITY</b>	<b>UNIT PACK WEIGHT</b>	<b>UNIT PACK CUBE</b>	<b>UNIT PACK SIZE (EXTERIOR) FEET</b>			
A	1	.030 lbs.	.0278 cu.ft.	1.29 x .54 x .04			
<b>REMARKS/ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.</b>							
<p><b>(A) - This SPI is not applicable for Interplant shipments. Interplant shipment.</b> Packaging and marking for interplant shipment is for supplies and materials that do not directly enter the military supply system. Typical interplant shipments are shipments from a vendor to a subcontractor or a prime contractor, or between contractors and subcontractors, or from a vendor or contractor to a military arsenal, plant, or other activity for evaluation, immediate use, or further processing as specified in the applicable contract.</p> <p><b>(B) - Closure of the barrier bag shall be accomplished by heat sealing in accordance with the manufacturers instructions. Excess air shall be removed from the barrier bag prior to heat sealing.</b></p> <p><b>(C) - SHELF LIFE.</b> Shelf life markings shall be applied.</p>							
<b>ITEM DATA</b>		<i>Original Preparer: Dean V Hansen</i>		<i>Revised by: D. Hansen 4 Jan 2002</i>			
(APPROX) ITEM SIZE - 13 1/2 x 3 x 3/8 inches		SBCCOM 81361					
ITEM CODE - Z36, Z37, Z38, Z39, R29, Z40, Z48		AMSSB-REN-SS		DVH	Z24-0417-013	Z24-134(A)	4 Jan 2002
ITEM WEIGHT-		PAGE NUMBER	NUMBER OF PAGES	RP	Z24-0399-0004	Z24-0399	27 SEPT 02
		1	1	APPROVAL		REVISION	DATE

**QUALITY ASSURANCE PROVISIONS (QAP)**

(DARCOM-R 702-10)

1. COMMAND AGENCY:

U.S. ARMY EDGEWOOD CHEMICAL BIOLOGICAL CENTER

2. THESE QAP'S FORM PART OF DRAWING/SPECIFICATION 5-19-11499 AS SPECIFIED IN THE CONTRACT. INSPECTION SHALL BE CONDUCTED AS SPECIFIED HEREIN AND IN ACCORDANCE WITH REFERENCED DOCUMENTS

3.

**PART I -- APPLICABLE DOCUMENTS**

DRAWINGS

- 5-19-11226 -- Laminate, Saranex, HDPE Scrim, LDPE Coating
- 5-19-11499 -- Repair Strap
- 5-19-11609 -- Tape, Saranex

**PART II -- QUALITY PROVISIONS**

**1. First article inspection.**

**a. Submission.** A first article sample shall be required when specified in the contract. The first article sample shall consist of twenty repair straps (Drawing 5-19-11499). The first article sample shall be submitted for inspection and approval in accordance with the terms of the contract. As determined by the Government, the sample items may be subjected to any or all of the examinations and tests specified in this QAP and be inspected for compliance with any or all of the requirements of the applicable drawings.

**b. Acceptance criteria.** If any first article sample item fails to comply with any of the applicable requirements, the first article sample shall be rejected. The Government reserves the right to terminate inspection upon any failure to comply with any of the requirements. The contractor shall obtain written approval from the contracting activity prior to proceeding with regular production.

**2. Quality conformance inspection.**

**a. Lotting.** A lot shall consist of the items produced by one manufacturer, at one plant, from the same materials, under the same manufacturing conditions, and at the same time. The lot shall not contain more than one lot of Saranex laminate (Drawing 5-19-11226) and one lot (or batch) of adhesive.

**REVISIONS**

4. RELEASE NUMBER																			
5. DATE																			
4. RELEASE NUMBER																			
5. DATE																			
REVISION STATUS OF SHEETS	6. REVISION																		
	7. SHEET	1	2	3	4	5													
	6. REVISION																		
	7. SHEET																		

8. QAP FOR:

**REPAIR STRAP**

9. SUBMITTED BY:

C. SHERWOOD /S/ AMSSB-REN-SS

10. QAP NO.:

5-19-11499

11. DATE:

7 Mar 2001

12. APPROVED:

J. GREBE /S/ AMSSB-REN-SS

13. RELEASE NO.:

Z24-133

14. PAGE NO.:

1

15. NO. OF PAGES:

4

## QUALITY ASSURANCE PROVISIONS (QAP)

(DARCOM-R 702-10)

**b. Sampling.** Samples shall be selected at random. Sampling shall be conducted in accordance with Table I using the inspection levels specified in Part III of this QAP. Special sampling, inspection, and acceptance criteria are contained in Part III of this QAP.

**c. Inspection characteristics.** Critical characteristics are characteristics whose nonconformance to specified requirements is likely to result in hazardous or unsafe conditions for individuals who use or maintain the product. Characteristics whose nonconformance to specified requirements is likely to prevent performance of the tactical function of a major end item are also critical characteristics. Major characteristics are characteristics whose nonconformance to specified requirements is likely to result in failure or to reduce materially the usability of the item for its intended purpose. Minor characteristics are characteristics whose nonconformance to specified requirements is not likely to reduce materially the operation or usability of the item for its intended purpose.

**d. Inspection.** Inspection shall consist of examination and test of all the characteristics contained in Part III and Part IV of this QAP. All other quality characteristics not specifically listed herein are subject to inspection under the contractor's quality or inspection system.

TABLE I. Sampling

Lot size	Inspection levels and sample sizes										
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI
2 to 8	*	*	*	*	*	*	*	*	5	3	2
9 to 15	*	*	*	*	*	*	13	8	5	3	2
16 to 25	*	*	*	*	*	20	13	8	5	3	3
26 to 50	*	*	*	*	32	20	13	8	5	5	5
51 to 90	*	*	*	50	32	20	13	8	7	6	5
91 to 150	*	*	125	50	32	20	13	12	11	7	6
151 to 280	*	*	125	50	32	20	20	19	13	10	7
281 to 500	*	315	125	50	48	47	29	21	16	11	9
501 to 1200	*	315	125	75	73	47	34	27	19	15	11
1201 to 3200	1250	315	125	116	73	53	42	35	23	18	13
3201 to 10000	1250	315	192	116	86	68	50	38	29	22	15
10001 to 35000	1250	315	294	135	108	77	60	46	35	29	15
35001 to 150000	1250	490	294	170	123	96	74	56	40	29	15
150001 to 500000	1250	715	345	200	156	119	90	64	40	29	15
500001 and over	1250	715	435	244	189	143	102	64	40	29	15

\*Indicates one hundred percent inspection. If sample size exceeds lot size, perform one hundred percent inspection.  
Accept the lot represented on zero nonconforming characteristics and reject the lot represented on one or more nonconforming characteristics for all inspection levels.

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**QUALITY ASSURANCE PROVISIONS (QAP)**

(DARCOM-R 702-10)

**3. Inspection equipment coding.**

- AD – Army designed special acceptance inspection equipment
- CD – Contractor designed special acceptance inspection equipment
- CE – Commercial inspection equipment
- VI – Visual inspection

**PART III -- INSPECTION REQUIREMENTS**

**CLASSIFICATION OF CHARACTERISTICS**

**(a) Repair Strap (Drawing 5-19-11499)**

<u>Category</u>	<u>Characteristic</u>	<u>Sampling and acceptance criteria</u>	<u>Inspection method</u>
<u>Critical</u>	None defined		
<u>Major</u>			
101	Dimensions correct	Table I, level IX	VI & CE
102	Components evident and correct	Table I, level IX	VI & CE
103	Components correctly assembled	Table I, level IX	VI & CE
104	Adhesive evident and correct	Table I, level IX	VI & CE
105	Release liner evident and correct	Table I, level IX	VI & CE
<u>Minor</u>			
201	Workmanship	See category 301	VI & CE

**SPECIAL SAMPLING, INSPECTION, AND ACCEPTANCE CRITERIA**

**301 Workmanship.** The repair straps shall be sampled in accordance with Table I, level XI and visually inspected for workmanship. The snap button and socket shall be assembled with no dents, flattening or damage to the tape or LDPE strap. The snap button neck shall be rolled over the snap socket opening smoothly with no rough, uneven or sharp edges. The snap socket shall be securely fastened to the snap button. The tape backing (Saranex laminate per Drawing 5-19-11226) shall be free of foreign matter (dirt, grease, oil, and viscous material) and damage (punctures and tears), and shall exhibit no scores (scratches or superficial incisions) greater than one inch in length. The tape shall adhere smoothly to the release liner with no wrinkling or voids. The release liner shall peel away from the tape without delamination or tearing of either the release liner or the tape, and without removing the adhesive from the tape backing. The adhesive shall be applied smoothly and evenly over the entire area of the tape backing with no lumps, bare spots, blisters, voids or foreign particles.

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	7 Mar 2001					14. PAGE NO.: 3

**QUALITY ASSURANCE PROVISIONS (QAP)**  
(DARCOM-R 702-10)

**PART IV -- CERTIFICATION REQUIREMENTS**

Certification shall be required for each characteristic specified below and shall include actual examination and test results when required herein. Results of examinations and tests shall be on file at the contractor's facility and shall be available to the Government for review.

<u>Number</u>	<u>Characteristic</u>	<u>To comply with</u>
*401	Saranex laminate	Drawing 5-19-11226
402	Adhesive	Drawing 5-19-11609
403	Release liner	Drawing 5-19-11609

\*Actual test results required

**PART V -- TEST METHODS AND PROCEDURES**

Not applicable

**PART VI -- NOTES**

Not applicable

16. REVISION SYMBOL AND DATE	Rev. 0					10. QAP NO.:	5-19-11499
	7 Mar 2001					14. PAGE NO.:	4

## DOCUMENT SUMMARY LIST

Item: REPAIR STRAP  
 NSN: 4230-01-297-7066  
 Control Number/PRON: C12AA03

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3<sup>rd</sup> and lower tier) which have been tailored.

### DOCUMENT CATEGORY:

**CATEGORY 0** - Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

**CATEGORY 1** - The requirements contained in the directly cited document are contractually applicable to the extent specified. All referenced documents are for guidance and information only.

**CATEGORY 2** - The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. All subsequently referenced documents are for guidance and information only.

**CATEGORY 3** - Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all reference and subsequently referenced documents are contractually applicable to the extent specified.

Document Number (Contract Reference) Applicable Tailoring	Document Title	Document Date/ Document Category
1a. N/A	Section C titled: Configuration Management Documentation	N/A Cat 2
1b. DI-CMAN-80639C (seq A001)	Engineering Change Proposal (ECP)	30 Sep 00 Cat 1
1c. DI-CMAN-80640C (seq A002)	Request for Deviation (RFD)	30 Sep 00 Cat 1
1d. DI-CMAN-80642C (seq A003)	Notice of Revision (NOR)	30 Sep 00 Cat 1
2. ANSI/ISO/ASQC Q9002	Model for Quality Assurance in Production, Installation & Servicing OR	18 Jul 94
ANSI/ISO/ASQC Q9001-2000	American National Standard Quality management systems-Requirements	13 Dec 00

**ATTACHMENT 006**

CONTRACT DATA REQUIREMENTS LIST  
DD FORM 1423 (MECHANIZED)

CATEGORY: MISC SYSTEM/ITEM: REPAIR STRAP  
TO CONTRACT/PR: C12AA03

1. SEQUENCE NUMBER		14. DISTRIBUTION	DRFT/REG/REPRO COPIES
2. TITLE OF DATA ITEM			
3. SUBTITLE			
4. DATA ITEM NUMBER			
5. CONTRACT REFERENCE			
6. TECHNICAL OFFICE	7. DD 250	8. APP CODE	9. DIST STATEMENT REQUIRED
10. FREQUENCY	11. AS OF DATE		15. TOTAL:
12. DATE OF 1ST SUBMISSION		13. DATE OF SUBSEQUENT SUBMISSION	
16. REMARKS			

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1. A001		14. SEE ADDRESS CODE	/ /
2. ENGINEERING CHANGE PROPOSAL (ECP)		DISTRIBUTION	/ /
3.		ATTACHED***	/ /
4. DI-CMAN-80639C*			
5. SECTION C			
6. AMSSB-RSO	7. LT	8. -	9. **
10. ASREQ	11. ---		15. TOTAL 0/ 0/ 0
12. ASREQ		13. ASREQ	

16. REMARKS

\*SEE ATTACHED DATA DELIVERY DESCRIPTION FOR CONTENT OF THE ECP. CONTRACTOR FORMAT IS ACCEPTABLE, DATA MUST BE IN GOVERNMENT COMPATIBLE SOFTWARE (I.E., MICROSOFT OFFICE). MIL-HDBK-61 MAY BE USEFUL IN DEFINING CONTENT. \*\*DIST STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MGR. \*\*\*SEE CONTRACT SECTION C. ELECTRONIC FILES MUST BE LESS THAN 7MB. THE ECP Short Form and ECP Page 1 LOCATED AT HTTP://W4.PICA.ARMY.MIL/ARDEC-RI/CMFORM.HTM ARE THE PREFERRED METHOD OF SUBMISSION FOR THIS DATA ITEM. (DD FORMS 1692 AND 1693)

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1. A002		14. SEE ADDRESS CODE	/ /
2. REQUEST FOR DEVIATION (RFD)		DISTRIBUTION	/ /
3.		ATTACHED***	/ /
4. DI-CMAN-80640C*			
5. SECTION C			
6. AMSSB-RSO	7. LT	8. -	9. **
10. ASREQ	11. ---		15. TOTAL 0/ 0/ 0
12. ASREQ		13. ASREQ	

16. REMARKS

\* SEE ATTACHED DATA DELIVERY DESCRIPTION FOR CONTENT OF RFD. ADEQUATE DATA/ANALYSIS/TESTING TO SUPPORT THE POSITION RELATIVE TO PARAGRAPH 24 AND 25 OF DATA DELIVERY DESCRIPTION SHALL BE INCLUDED. CONTRACTOR FORMAT IS ACCEPTABLE, BUT DATA MUST BE IN GOVERNMENT COMPATIBLE SOFTWARE (I.E., MICROSOFT OFFICE). MIL-HDBK-61 MAY BE USEFUL IN DEFINING CONTENT. \*\*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIG MGR. \*\*\*SEE CONTRACT SECTION C. ELECTRONIC FILES MUST BE LESS THAN 7MB. THE RFD/W FORM LOCATED AT HTTP://W4.PICA.AMRY.MIL/ARDEC-RI/CMFORM.HTM IS THE PREFERRED METHOD OF SUBMISSION FOR THIS DATA ITEM. (DD FORM 1694)

EXHIBIT A

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1. A003				14.		
2. NOTICE OF REVISION (NOR)				SEE ADDRESS CODE	/	/
3.				DISTRIBUTION	/	/
				ATTACHED**	/	/
4. DI-CMAN-80642C*						
5. SECTION C						
6. AMSSB-RSO	7. LT	8. -	9. ***			
10. ASREQ	11. ---			15. TOTAL	0/	0/ 0
12. ASREQ		13. ASREQ				

16. REMARKS  
 \*SEE ATTACHED DATA DELIVERY DESCRIPTION FOR CONTENT OF NOR. CONTRACTOR FORMAT IS ACCEPTABLE, DATA MUST BE IN GOVERNMENT COMPATIBLE SOFTWARE (I.E., MICROSOFT OFFICE). MIL-HDBK-61 MAY BE USEFUL IN DEFINING CONTENT. \*\*SEE CONTRACT SECTION C. ELECTRONIC FILES MUST BE LESS THAN 7MB. NOR FORM LOCATED AT [HTTP://W4PICA.ARMY.MIL/ARDEC-RI/CMFORM.HTM](http://w4pica.army.mil/ardec-ri/cmform.htm) IS THE PREFERRED METHOD OF SUBMISSION FOR THIS DATA ITEM. (DD FORM 1695) \*\*\*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER.

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THE DATA DELIVERY DESCRIPTIONS ARE AVAILABLE ON THE ATTACHED TACOM-RI INTRANET SITE:  
[HTTPS://AAIS.RIA.ARMY.MIL/AAIS/SOLINFO/STANDARD\\_ATTACHMENTS/INDEX%20OF%20ATTACHMENTS.HTML](https://aa.is.ria.army.mil/aa.is/solinfo/standard_attachments/index%20of%20attachments.html)

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APPROVED BY: STEPHEN J HANSEN, SDMO, AMSTA-AR-QAC

DATE: 05/28/02