

MAY 27 2019

Interim

Back View

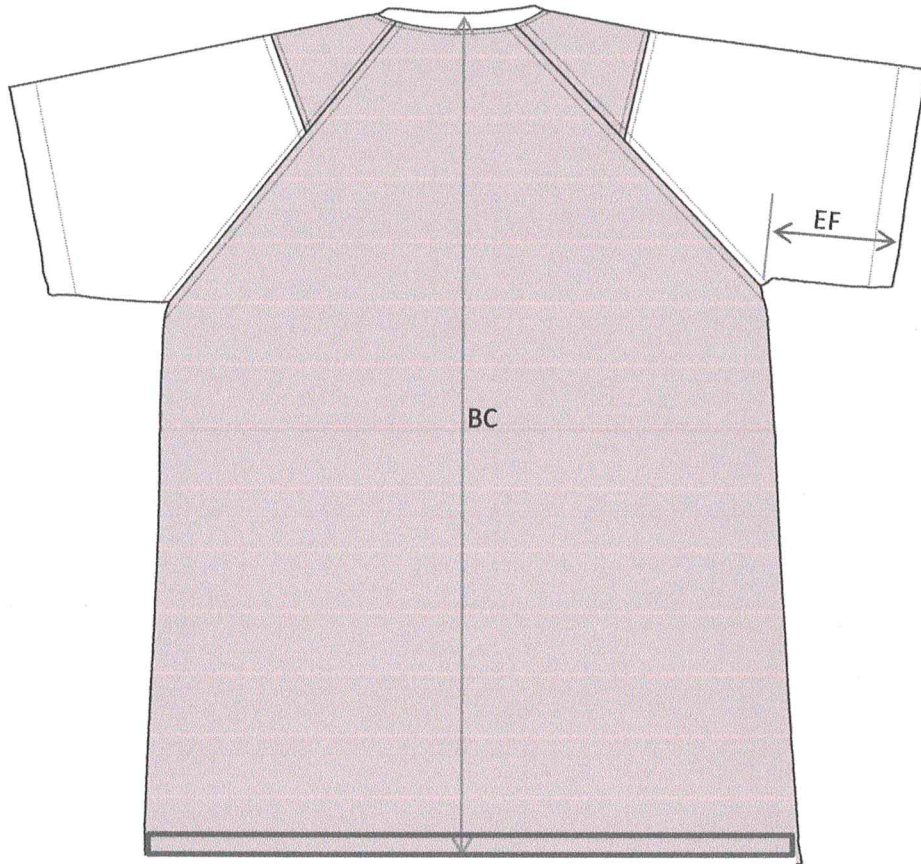


FIGURE 2

Actual Picture

Front



Back



FIGURE 3

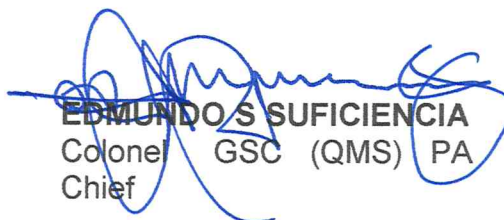
HEADQUARTERS
PHILIPPINE ARMY
OFFICE OF THE ARMY QUARTERMASTER
Fort Andres Bonifacio, Metro Manila

TEST PARAMETERS

UNDERSHIRT, RAGLAN, POLYESTER SPANDEX, ROUND NECK

TEST PARAMETERS	QM SPEC NR IC-21USRRN dated 27 May 2019	Classification	
		Major	Minor
Materials			
(Front Part)	85% ± 5 Polyester fabric and 15% ± 5 Spandex	x	
Color	Olive Drab	x	
Thread Count/2.54 cm			
Wales	44 - 55		x
Courses	80 - 90		x
Thickness, mm	0.43 – 0.47	x	
Weight, g/m ²	165 (maximum)	x	
Type of Knit	Plain	x	
Absorbency, seconds (RDC method)	2 (maximum)		x
Color Quality (Color Difference)	1.5 (maximum) Spectrophotometric Method	x	
Dimensional Change, %	± 3% (max)	x	
Colorfastness	Change in Color Staining		
Laundering	Grade 4 (minimum) Grade 4 (minimum)	x	
Perspiration	Grade 4 (minimum) Grade 4 (minimum)	x	
(Back Part)	90% ± 5 Polyester fabric and 10% ± 5 Spandex	x	
Color	Olive Drab w/ Design	x	
Thread Count/2.54 cm			
Wales	60 - 70		x
Courses	110 - 120		x
Thickness, mm	0.38 – 0.42	x	
Weight, g/m ²	145 (maximum)	x	
Type of Knit	Plain	x	
Absorbency, seconds (RDC method)	2 (maximum)		x
Color Quality (Color Difference)	1.5 (maximum) Spectrophotometric Method	x	
Dimensional Change, %	± 3% (max)	x	
Colorfastness	Change in Color Staining		
Laundering	Grade 4 (minimum) Grade 4 (minimum)	x	
Perspiration	Grade 4 (minimum) Grade 4 (minimum)	x	
Collaret	Shall be the same material as specified in para 2.2.1.1.	x	
Thread, Sewing	Polyester		x
Color	Same color and shade of the basic material	x	
No. of Ply	2 ply (minimum)		x
Yarn Size, Denier	130 (minimum)		x
Breaking Strength, kg	1 (minimum)	x	

TEST PARAMETERS	QM SPEC NR IC-21USRRN dated 27 May 2019	Classification	
		Major	Minor
ARMY Marking			
Location and Distance	Shall be placed on the left breast part of the T-Shirt with the following distances: Y and X	x	
Color and Type of material	Using black paint	x	
Type & Size of Lettering	Stencil font, Size 100		x
Construction			
Design	The design of the undershirt shall be of the men's pull over athletic type and of a design essentially the same as shown in the Figures 1 & 2	x	
Contractor's Label			
Location	Shall be printed inside back portion of the Undershirt, 2.5 ± 0.5 cm below the collaret seam	x	
Type of Ink	Black paint		x
Type & Size of Lettering	Arial font, Size 12		x
Contents of Label	UNDERSHIRT, RAGLAN, POLYESTER SPANDEX, ROUND NECK Name of Contractor: Size WASHING INSTRUCTION MACHINE WASHABLE / WASH WITH LIKE COLORS DO NOT BLEACH / TUMBLE DRY LOW / WARM IRON DO NOT IRON DESIGN / DO NOT DRY CLEAN		x
Size and Measurements, cm			
T-Shirt	Size:		
Body Width	See page 8, Measurements as to Different Sizes in Centimeters Table 1 (T-Shirt)	x	
Body Length		x	
Shoulder Sleeve Length		x	
Sleeve Opening		x	
Sleeve Length		x	
Neck Width		x	
Neck Drop		x	
Width of Hem		2.5 ± 0.2	
	TOTAL TEST POINTS	32	14


EDMUNDO S SUFICIENCIA
 Colonel GSC (QMS) PA
 Chief

By 2028, a world-class Army that is a source of national pride.

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QM SPEC NR IC-21USRRN dtd 27 May 2019

LIST OF REQUIRED PROTOTYPE SAMPLES AND SWATCH MATERIALS FOR TESTING

1. FOR POST QUALIFICATION TEST

PROTOTYPE SAMPLES

RDC – Three (3) pcs, any size but the three (3) pcs must be of same sizes

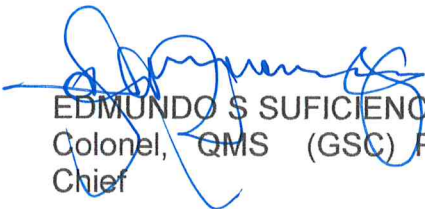
SWATCH MATERIALS (Minimum requirement)

Basic Material for T-Shirt

Front Part	-	-	- 2 m (full width)
Back Part	-	-	- 2 m (full width)
Thread, Sewing	-	-	10 m

2. FOR ACCEPTANCE TEST

Three (3) pcs, any size but the three (3) pcs must be of same sizes- Picked at random from delivery.


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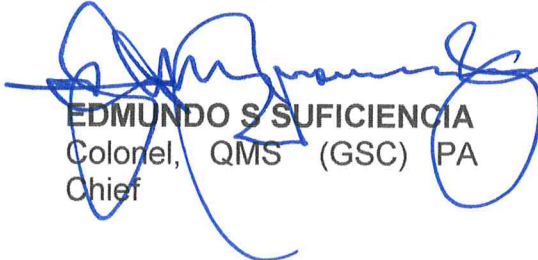
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**UNDERSHIRT, RAGLAN, POLYESTER SPANDEX, ROUND NECK
QM SPEC NR IC-21USRRN dtd 27 May 2019**

VISUAL INSPECTION CHECKLIST

DESCRIPTION OF DEFECTS	CLASIFICATION OF DEFECTS
1. Packing and Packaging	
a. Each undershirt shall be placed in a transparent (cellophane) bag.	Minor
b. Each bag shall have a markings as shown in the specification printed legibly on one face at the center portion of the bag using black indelible ink	Major
c. One Hundred (100) pieces of T-Shirt of the same sizes shall be packed in a corrugated carton.	Major
d. The top cover when closed shall be sealed with a binding tape and finally secured with nylon straps.	Minor
e. Contents of carton label shall be as specified	Minor
2. Shall be a combination of Olive Drab and Olive Drab with design	Major
3. The basic material of the collaret shall be the same with the fabric of the back part	Major
4. ARMY Marking:	
a. Shall have an ARMY Marking	Major
b. Placed at the left breast part of the T-Shirt using black ink	Major
5. The undershirt shall be of the men's pull over athletic type and of a design essentially the same as the official sample of the Philippine Army	Major
6. Loose sewing/Untrimmed thread ends	Minor
7. Contractor's label and Washing Instruction	
a. Printed on the inside back portion of the T-Shirt using black paint	Major
b. Contents of the label shall be as specified	Major
8. Presence of dirt, stains and other defects:	
a. Affecting appearance	Major
b. Does not affect appearance	Minor

Note: Finished undershirts shall conform with the illustration and the Official sample of the Philippine Army. Any discrepancy shall be considered as ground for non-acceptance.


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QM SPEC NR IC-21USRRN dated 27 May 2019

TEST CRITERIA

FOR POST-QUALIFICATION TEST:

Destructive Testing Criteria based on Logistic Letter Directive Number SC-07-04 dtd 25 October 2007 para 5f.

TOTAL MINOR TEST POINTS	NO. OF ALLOWABLE DEFECTS	
	MAJOR	MINOR
14	0	1

1. No major defect allowed.
2. Maximum allowable minor defect is nine & 9/10 percent (9.9%) of total minor test points **"CONDUCTED"**

FOR ACCEPTANCE TEST:

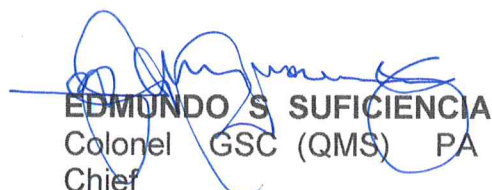
- I. Visual Inspection Criteria based on Mil Std 105E dtd 10 May 1989
 - All defects noted in 1st and 2nd sampling are cumulative.
 - In case of rejection, destructive testing will not be conducted

Classification of Defects	TABLE III-A General Inspection Level I Code Letter K Double Sampling Plan for Normal Inspection				
	Lot size 10,001 – 35,000 pcs Sample Size: 80 pcs + 80 pcs	Number of Defects			
		1 st Sampling		2 nd Sampling	
	AQL	Accept	Reject	Accept	Reject
MAJOR	6.5	7	11	18	19
MINOR	25	11	16	26	27

- II. Destructive Testing Criteria based on Logistic Letter Directive Number SC-07-04 dtd 25 October 2007 para 5f.

TOTAL MINOR TEST POINTS	NO. OF ALLOWABLE DEFECTS	
	MAJOR	MINOR
14	0	1

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