

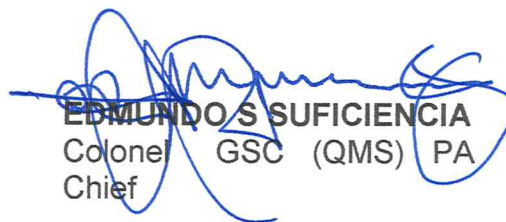
**HEADQUARTERS  
PHILIPPINE ARMY  
OFFICE OF THE ARMY QUARTERMASTER  
Fort Andres Bonifacio, Metro Manila**

**TEST PARAMETERS**

**UNDERSHIRT, RAGLAN, POLYESTER SPANDEX, ROUND NECK**

TEST PARAMETERS	QM SPEC NR IC-21USRRN dated 27 May 2019	Classification	
		Major	Minor
<b>Materials</b>			
<b>(Front Part)</b>	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 <sup>2</sup>	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	
<b>(Back Part)</b>	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 <sup>2</sup>	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	
<b>Collaret</b>	Shall be the same material as specified in para 2.2.1.1.	x	
<b>Thread, Sewing</b>	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
<b>ARMY Marking</b>			
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
<b>Construction</b>			
<b>Design</b>	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	
<b>Contractor's Label</b>			
Location	Shall be printed inside back portion of the Undershirt, $2.5 \pm 0.5$ 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
<b>Size and Measurements, cm</b>			
<b>T-Shirt</b>	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		$2.5 \pm 0.2$	
<b>TOTAL TEST POINTS</b>		<b>32</b>	<b>14</b>

  
**EDMUNDO S SUFICIENCIA**  
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 Chief