



Republic of the Philippines
NATIONAL POLICE COMMISSION
NATIONAL HEADQUARTERS, PHILIPPINE NATIONAL POLICE
OFFICE OF THE CHIEF, PNP
Camp BGen Rafael T Crame, Quezon City

MEMORANDUM CIRCULAR
NO.: 2020-061

SEP 18 2020

**PRESCRIBING THE MINIMUM TECHNICAL SPECIFICATIONS
FOR PNP PATROL SHIRT**

1. REFERENCES:

- a. NAPOLCOM Resolution No. 2020-0410: "Prescribing the Minimum Standards for PNP Patrol Shirt";
- b. PNP UESB Resolution No. 2020-012 entitled: "Proposed Minimum Technical Specifications for PNP Patrol Shirt";
- c. After Activity Report re Technical Working Group for the Formulation and Amendment of Standard (TWG-FAS) Meeting on January 14, 2020;
- d. NAPOLCOM Memorandum Circular (MC) No. 2019-002: "Defining the Duty and Authority of the NAPOLCOM to prescribe Minimum Standards for Uniform, Arms, and Equipment to be Procured by the Philippine National Police";
- e. Memorandum from TDRD dated June 28, 2019 with subject: Field Testing of the Proposed PNP Patrol Shirt;
- f. Memorandum from TDRD approved by the CPNP dated March 25, 2019 with subject: Proposed PNP Patrol Shirt (Field Testing); and
- g. Memorandum from TDRD dated March 18, 2019 re: Survey on the Proposed Replacement of GOA Type "C" Uniform with PNP Patrol Uniform.

2. RATIONALE:

This Memorandum Circular (MC) sets forth the minimum technical specifications for PNP Patrol Shirt to be used by PNP uniformed personnel.

3. SITUATION:

The existing minimum standard for PNP Patrol Shirt was approved by NAPOLCOM on December 28, 2009, under its Resolution No. 2009-717.

On March 18, 2019, a survey on the proposed replacement of GOA Type "C" with PNP Patrol Uniform was conducted wherein the result shows that the

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utilization of Patrol Shirt as the upper garment will be more functional and comfortable when performing patrol duties.

After improving the quality of the material of the PNP Patrol Shirt, it was field tested on June 8 to August 30, 2019, with the following findings and recommendations retention of design, comfort of the material used (combination of cotton and polyester), demonstrates that the quality of badges and patches has a high pilling resistance, the word "PULIS" printed at the back has high resistance to peeling/cracking, and that the material stays odor free even when perspired upon.

The proposed amendment is intended to change the composition of the material and provides the mode of production/attachment of the badge, patches, and the word "PULIS" at the back but it will retain its purpose/usage.

4. PURPOSE:

To provide and establish the minimum technical specifications for PNP Patrol Shirt that will serve as reference in the purchasing of the said shirt.

5. DEFINITION OF TERMS:

For purposes of this MC, the following terms shall mean:

- a. **Bursting Strength** – is the force or pressure required to rupture a fabric by distending it with a force applied at right angles to the plane of the fabric under specified conditions.
- b. **Colorfastness** – is the resistance of the material to change in any of its color characteristics (change in color).

– is the resistance to transfer its colorant(s) to adjacent materials or both, as a result of the exposure of the materials to any environment that might be encountered during the processing, storage or use of the materials (**staining**).

- c. **Dimensional Change** – is the change in the length and width dimensions of a fabric or a garment.
- d. **Fiber Composition** – is the identity and amount of the various fibers that make up the fabric.
- e. **Pantone Colors** – are color codes that stand for a specific shade.
- f. **Patrol Shirt** – is the name of the uniform.
- g. **Technical Specifications** – refers to the physical description of the goods or services as well as the procuring entity's requirements in terms of the functionality, performance and standard designs of the goods to be manufactured or supplied, and/or the services to be rendered.

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6. TECHNICAL SPECIFICATIONS:

The PNP Patrol Shirt shall be used when performing general law enforcement functions like patrolling, investigation, and field inspection of patrol elements and as dictated by occasion determined by the CPNP.

a. Visual Evaluation

DESCRIPTION/ PARAMETERS	SPECIFICATIONS
1) T-Shirt: a) Color b) Hem	Allure Blue (per color difference) 2cm ($\pm 5\%$ tolerance)
2) Vertical Opening Width	3.2-3.6 cm
3) Cuff a) Color b) Width	Allure Blue (per color difference) 1.5-2.0 cm
4) Collar a) Color b) Width	Allure Blue (per color difference) 7-8 cm
c) Rank Insignias	Embroidered thread at the lowest most part of both collars having a distance of 13.5-15mm on both edge of the collar
(1) PBGEN to PGEN	The star/s is/are made of embroidered yellow gold thread and the tip/s are pointing upward not on the neck and the position of the subsequent stars should follow the first star a. Color: Yellow gold thread b. Dimension (width): 9 mm (± 1 mm) c. Distance between Stars: 7 mm (± 1 mm)
(2) PMAJ to PCOL	The sampaguita cluster/s is/are made of embroidered yellow gold thread and arranged upward. a. Color: Yellow gold thread b. Dimension (Width): 19 mm (± 1 mm) c. Distance between Sampaguita clusters: 7 mm (± 1 mm)
(3) PLT to PCPT	The anahaw leaf/leaves is/are made of embroidered yellow gold thread and the tip/s is/are pointing towards the neck a. Color: Yellow gold thread b. Dimension (Width): 16-17 mm c. Distance between anahaw Leaves: 7 mm (± 1 mm)

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DESCRIPTION/ PARAMETERS	SPECIFICATIONS
(4) PNCOs (Pat to PEMS)	<p>The designs are made of embroidered thread with a nearest pantone colors of 19-4027 TPG Estate Blue (blue thread) and 18-1652 TCX Rococco Red (red thread) per NAPOLCOM Resolution No. 2019-485.</p> <ul style="list-style-type: none"> • Width: 24-26mm
d) Markings: Front	
(1) Left Breast	<p>Badge:</p> <ol style="list-style-type: none"> Dimension: <ul style="list-style-type: none"> Height: 67-69 mm Width: 47-49 mm Mode of production: High density embroidered patch Distance of the badge from the left side of the vertical opening: 55-65 mm Alignment: The lower portion of the badge should be aligned with the lowest portion of the vertical opening
(2) Right Breast	<p>Identification: Embroidered family name, first name initial and middle initial</p> <ol style="list-style-type: none"> Dimension: <ul style="list-style-type: none"> Height: 12-13 mm Width: 9-11 mm Thickness: 2-3 mm Distance between letters: 1-2mm Color: Yellow gold thread Font: Arial Distance of the identification from the right side of the vertical opening: 55-65mm Alignment: The lower portion of the identification should be aligned with the lowest portion of the vertical opening <p>Rank and Badge Number: The rank and badge number are embroidered below the identification, the first letter of the rank should be aligned with the first letter of the family name and the last digit of the badge number should be aligned with the middle initial</p> <ol style="list-style-type: none"> Color: Yellow gold thread Distance from the identification: 4-5mm

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DESCRIPTION/ PARAMETERS	SPECIFICATIONS
	c. Dimension: Height: 7-9 mm Width: 6-7 mm Thickness: 1-2 mm d. Distance between letters and numbers: 1-2 mm e. Font: Arial
e) Marking: Back	word "PULIS": made of Textile Paint a. Dimension: Height: 10 cm Width: 5-5.5 cm Thickness: 2cm b. Distance between letters: 5-8 mm c. Color: Yellow Gold d. Font: Arial e. Distance from the edge of the collar: 17-20 cm
f) Patches (1) Right Sleeve (2) Left Sleeve	a. High Density Embroidered PNP Patch b. Dimension: Should follow NAPOLCOM Resolution No. 2008-381 c. Distance from the shoulder: 3.5-4cm d. High Density Embroidered PNP Unit Patch e. Dimension: Should follow NAPOLCOM Resolution No. 2008-381 f. Distance from the shoulder: 3.5-4cm
g) Buttons	a. Color: Light blue, same color with the main fabric b. Quantity: 3 buttons c. Dimension: Diameter: 12-13mm Thickness: 2-3mm d. Number of holes at the center: 4 e. Marking: With the word PHILIPINE NATIONAL POLICE engraved on the circumference
h) Supplier's/Sewer's Label	The name/trademark of the manufacturer and size of the shirt are embroidered on a cloth and sewn inside at the back of the collar
i) Washing Care	With washing instruction and extra button inside the shirt

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b. Technical Evaluation of Materials

DESCRIPTION/ PARAMETERS	SPECIFICATIONS
1) Main Fabric	
a) Fiber Composition	55-65% cotton 35-45% polyester
b) Bursting Strength	222N, minimum
c) Fabric Construction	knitted
d) Fabric Weight	330 g/m ² , maximum
e) Yarn Number	24 x 1 Tex, minimum
f) Dimensional Change (1) Length (2) Width	±3.5 % (max) ±3.5 % (max)
g) Pilling Resistance	4, minimum
h) Thickness	1mm, minimum
i) Colorfastness to Laundering, rating (1) Change in color (2) Staining (a) Acetate (b) Cotton (c) Nylon (d) Polyester (e) Acrylic (f) Wool	Grade 4, min Grade 3, min
j) Colorfastness to Perspiration, rating (1) Change in color (2) Staining: (a) Acetate (b) Cotton (c) Nylon (d) Polyester (e) Acrylic (f) Wool	Grade 4, min Grade 3, min
k) Colorfastness to Rubbing, rating (1) Dry (2) Wet	Grade 4, min Grade 3, min
l) Color difference	0-1.5
2) Cuffs	
a) Fiber Composition	55-65% cotton 35-45% polyester
b) Yarn Number	26 x 1 Tex, minimum
c) Dimensional Change (1) Length (2) Width	±3.5 % (max) ±3.5 % (max)

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DESCRIPTION/ PARAMETERS	SPECIFICATIONS
d) Type of Knit	rib
e) Colorfastness to Laundering, rating (1) Change in color (2) Staining (a) Acetate (b) Cotton (c) Nylon (d) Polyester (e) Acrylic (f) Wool	Grade 4, min Grade 3, min
f) Colorfastness to Perspiration, rating (1) Change in color (2) Staining: (a) Acetate (b) Cotton (c) Nylon (d) Polyester (e) Acrylic (f) Wool	Grade 4, min Grade 3, min
g) Colorfastness to Rubbing, rating (1) Dry (2) Wet	Grade 4, min Grade 3, min
h) Color difference	0-1.5
3) Collar	
a) Fiber Composition	55-65% cotton 35-45% polyester
b) Yarn Number	28 x 1 Tex, minimum
c) Dimensional Change (1) Length (2) Width	±3.5 % (max) ±3.5 % (max)
d) Colorfastness to Laundering, rating (1) Change in color (2) Staining (a) Acetate (b) Cotton (c) Nylon (d) Polyester (e) Acrylic (f) Wool	Grade 4, min Grade 3, min

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DESCRIPTION/ PARAMETERS	SPECIFICATIONS
e) Colorfastness to Perspiration, rating (1) Change in color (2) Staining (a) Acetate (b) Cotton (c) Nylon (d) Polyester (e) Acrylic (f) Wool	Grade 4, min Grade 3, min
f) Colorfastness to Rubbing, rating (1) Dry (2) Wet	Grade 4, min Grade 3, min
g) Color difference	0-1.5
4) "PULIS" Marking	
a) Color Difference	0-1.99
b) Appearance from actual laundering	No crack or peeling of paint

7. EFFECTIVITY:

This MC shall take effect after 15 days from filing a copy thereof at the UP Law Center in consonance with Section 3, Chapter 2, Book VII of Executive Order 292 otherwise known as the "Revised Administrative Code of 1987," as amended.


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