



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

OCT 30 2020

MEMORANDUM CIRCULAR
NO.: 2020-073

**TEST PARAMETERS IN THE CONDUCT OF
TEST AND EVALUATION FOR PNP PATROL SHIRT**

1. REFERENCES:

- a. NAPOLCOM Resolution No. 2020-0410 entitled: "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. PNP Memorandum Circular (MC) No. 2018-029 approved on July 9, 2018, titled, "Guidelines and Procedures in the Issuance of Certificate of Conformity (COC) for Police Uniforms and Individual Equipment";
- d. Memorandum from TCDS dated January 10, 2018 with subject: Reiteration of Policies and Guideline on the Prescribed and Detailed Description of PNP Uniforms and their Uses;
- e. Memorandum from TDRD dated April 29, 2011, with subject Guidelines in Proposing Unit Seal/Logo for PPOs, CPOs, RPSBs, PPSCs, and CPSC; and
- f. DRD MC No. 2009-02 approved on October 12, 2009 with subject "Classification of Test Parameters in the Conduct of Product Test and Evaluation for PNP Clothing, Fabrics and other Police Individual Items".

2. RATIONALE:

This Memorandum Circular (MC) sets forth the procedures in the conduct of test and evaluation of PNP Patrol Shirt to be used by the PNP uniformed personnel.

3. TEST PARAMETER

a. Purpose and Objective:

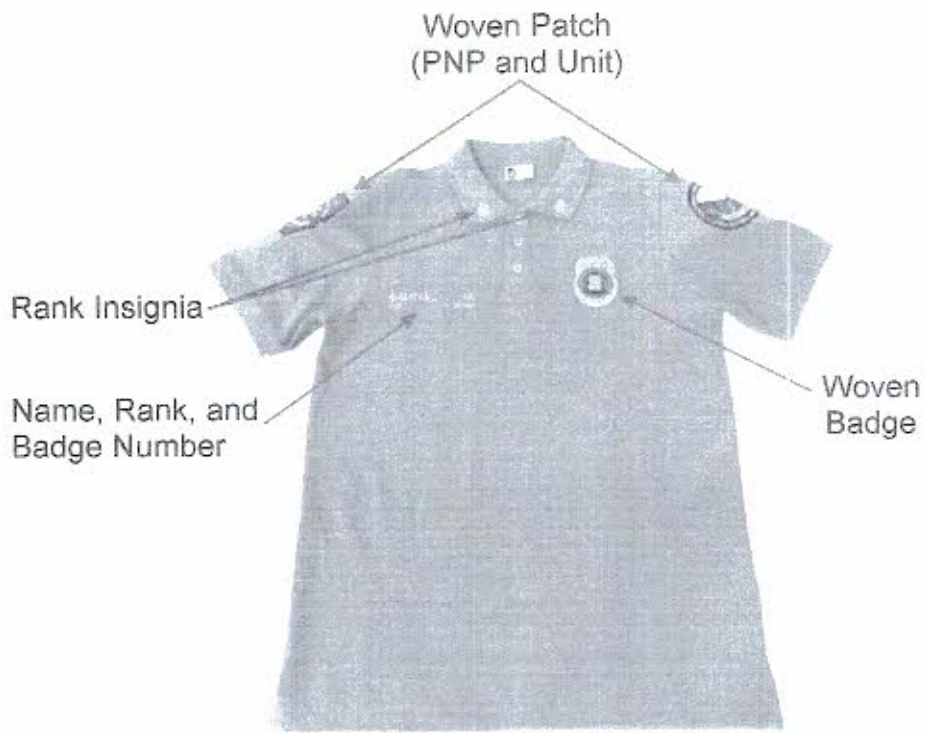
This test parameter shall be applicable in the conduct of test and evaluation for the purpose of issuance of Certificate of Conformity for the PNP Patrol Shirt. It aims to ensure the quality and functionality of the PNP Patrol Shirt based on UESB-approved specifications.

b. Illustrations/Detailed Description:

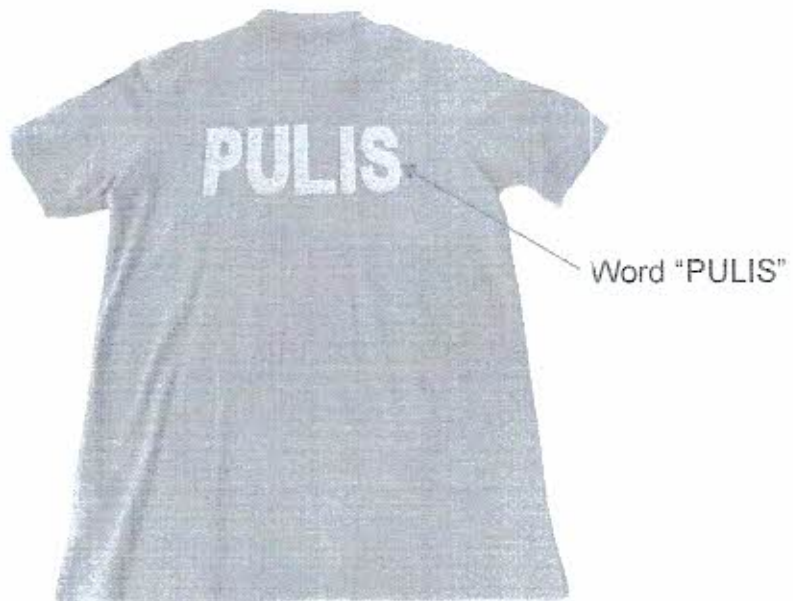
The PNP Patrol Shirt must conform with the following Technical Specifications:

JENNIFER D. BONJOC
POLICE LIEUTENANT COLONEL
Chief, Administrative Section

CERTIFIED PHOTO COPY
FROM THE ORIGINAL



FRONT VIEW



BACK VIEW

CERTIFIED PHOTO COPY
FROM THE ORIGINAL

Jennifer Bonjoc
JENNIFER BONJOC
POLICE LIEUTENANT COLONEL
Chief, Administrative Section

c. Visual Evaluation:

Description/Parameters	Specifications	Classification of Parameter
1) T-Shirt: a) Color b) Hem	Allure Blue (per color difference) 2cm ($\pm 5\%$ tolerance)	Major Minor
2) Vertical Opening Width	3.2-3.6 cm	Major
3) Cuff a) Color b) Width	Allure Blue (per color difference) 1.5-2.0 cm	Major Minor
4) Collar a) Color b) Width	Allure Blue (per color difference) 7-8 cm	Major Minor
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	Major
(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 <ul style="list-style-type: none"> • Color: Yellow gold thread • Dimension (width): 19 mm ($\pm 1\text{mm}$) • Distance between Stars: 7 mm ($\pm 1\text{mm}$) 	Major Major Minor Minor
(2) PMAJ to PCOL	The sampaguita cluster/s is/are made of embroidered yellow gold thread and arranged upward. <ul style="list-style-type: none"> • Color: Yellow gold thread • Dimension (Width): 19 mm ($\pm 1\text{mm}$) • Distance between Sampaguita clusters: 7 mm ($\pm 1\text{mm}$) 	Major Major Minor Minor
(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 <ul style="list-style-type: none"> • Color: Yellow gold thread • Dimension (Width): 16-17 mm • Distance between Anahaw Leaves: 7 mm ($\pm 1\text{mm}$) 	Major Major Minor Minor

CERTIFIED PHOTO COPY
 FROM THE ORIGINAL
 JENFER ROSNOC
 POLICE LIEUTENANT COLONEL
 Chief, Administrative Section

Description/ Parameters	Specifications	Classification of Parameter
	<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> <ul style="list-style-type: none"> • Color: Yellow gold thread • Distance from the identification: 4-5mm • Dimension: <ul style="list-style-type: none"> Height: 7-9 mm Width: 6-7 mm Thickness: 1-2 mm • Distance between letters and numbers: 1-2 mm • Font: Arial 	<p style="text-align: center;">Major</p> <p style="text-align: center;">Major Minor</p> <p style="text-align: center;">Minor</p> <p style="text-align: center;">Minor</p> <p style="text-align: center;">Major</p>
e) Marking: Back	<p>Word "PULIS": made of Textile Paint</p> <ul style="list-style-type: none"> • Dimension: <ul style="list-style-type: none"> Height: 10 cm Width: 5-5.5 cm Thickness: 2cm • Distance between letters: 5-8 mm • Color: Yellow Gold • Font: Arial • Distance from the edge of the collar: 17-20 cm 	<p style="text-align: center;">Major</p> <p style="text-align: center;">Minor</p> <p style="text-align: center;">Minor Major Major Minor</p>
f) Patches (1) Right Sleeve (2) Left Sleeve	<ul style="list-style-type: none"> • High Density Embroidered PNP Patch • Dimension: Should follow NAPOLCOM Resolution No. 2008-381 • Distance from the shoulder: 3.5-4cm • High Density Embroidered PNP Unit Patch • Dimension: Should follow NAPOLCOM Resolution No. 2008-381 • Distance from the shoulder: 3.5-4cm 	<p style="text-align: center;">Major</p> <p style="text-align: center;">Minor</p> <p style="text-align: center;">Minor</p> <p style="text-align: center;">Major</p> <p style="text-align: center;">Minor</p> <p style="text-align: center;">Minor</p>

CERTIFIED PHOTO COPY
 FROM THE ORIGINAL

JENNIFER D. OLIVERA
 POLICE LIEUTENANT COLONEL

Chief, Administrative Section

Description/ Parameters	Specifications	Classification of Parameter
g) Buttons	<ul style="list-style-type: none"> • Color: Light blue, same color with the main fabric • Quantity: 3 buttons • Dimension: Diameter: 12-13mm Thickness: 2-3mm • Number of holes at the center: 4 • Marking: With the word PHILIPINE NATIONAL POLICE engraved on the circumference 	Major Major Minor Minor Minor
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	Major
i) Washing care	With washing instruction and extra button inside the shirt	Major

d. Technical Evaluation of Materials

Description/ Parameters	Specifications	Classification of Parameter
1) Main Fabric		
a) Fiber Composition	55-65% cotton 35-45% polyester	Major
b) Bursting Strength	222N, minimum	Major
c) Fabric Construction	knitted	Major
d) Fabric Weight	330 g/m ² , maximum	Major
e) Yarn Number	24 x 1 Tex, minimum	Minor
f) Dimensional Change		
(1) Length	±3.5 % (max)	Major
(2) Width	±3.5 % (max)	Major
g) Pilling Resistance	4, minimum	Major
h) Thickness	1mm, minimum	Minor
i) Colorfastness to Laundering, rating		
(1) Change in Color	Grade 4, min	Major
(2) Staining:	Grade 3, min	Minor
(a) Acetate		
(b) Cotton		
(c) Nylon		
(d) Polyester		
(e) Acrylic		
(f) Wool		

Description/ Parameters	Specifications	Classification of Parameter
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	Major Minor
k) Colorfastness to Rubbing, rating (1) Dry (2) Wet	Grade 4, min Grade 3, min	Minor Minor
l) Color difference	0-1.5	Major
2) Cuffs		
a) Fiber Composition	55-65% cotton and 35-45% polyester	Major
b) Yarn Number	26 x 1 Tex, minimum	Minor
c) Dimensional Change (1) Length (2) Width	±3.5 % (max) ±3.5 % (max)	Major Major
d) Type of Knit	rib	Major
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	Major Minor
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	Major Minor

CERTIFIED PHOTO COPY
 FROM THE ORIGINAL
 JENNIFER D. DONOJOC
 POLICE LIEUTENANT COLONEL
 Chief, Administrative Section

Description/ Parameters	Specifications	Classification of Parameter
g) Colorfastness to Rubbing, rating (1) Dry (2) Wet	Grade 4, min Grade 3, min	Minor Minor
h) Color difference	0-1.5	Major
3) Collar		
a) Fiber Composition	55-65% cotton 35-45% polyester	Major
b) Yarn Number	28 x 1 Tex, minimum	Minor
c) Dimensional Change (1) Length (2) Width	±3.5 % (max) ±3.5 % (max)	Major Major
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	Major Minor
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	Major Minor
f) Colorfastness to Rubbing, rating (1) Dry (2) Wet	Grade 4, min Grade 3, min	Minor Minor
g) Color difference	0-1.5	Major
4) "PULIS" Marking		
a) Color Difference	0-1.99	Major
b) Appearance from actual laundering	No crack or peeling of paint	Major

JENNIFER D BONJOC
 POLICE LIEUTENANT COLONEL
 Chief, Administrative Section

CERTIFIED PHOTO COPY
 FROM THE ORIGINAL

e. **Table of Sizes** (all measurements are in inches with $\pm 5\%$ tolerance and classified as minor parameters):

Size Code	S	M	L	XL
MALE:				
Body Length	28	29	30	31
Shoulder	17	17½	18	18½
Front Neck Drop	3½	3¾	4	4¼
Sleeve Length	8½	8¾	9	9½
Chest	19	20	21	22
Armhole Straight	8½	9	9½	10
Side Slit	2	2	2	2
Sleeve Opening	6	6¼	6½	6¾
FEMALE:				
Body Length	28	29	30	31
Shoulder	17	17½	18	18½
Front Neck Drop	3½	3¾	4	4¼
Sleeve Length	8	8¼	8½	8¾
Chest	19	20	21	22
Armhole Straight	8	8½	9	9½
Side Slit	2¼	2¼	2¼	2¼
Sleeve Opening	6	6¼	6½	6¾

f. **Quality Guidelines:**

- 1) The sample/prototype of PNP Patrol Shirt shall be clean, well-crafted and free from any defects or blemish which may affect its appearance or serviceability. Overall workmanship shall be the best known to the trade. Poor quality of sewing and workmanship shall be sufficient ground for rejection of the finished product;
- 2) Sample will be forwarded to Philippine Textile Research Institute, Department of Science and Technology or any accredited government or private testing institution capable of conducting the aforementioned test parameters/criteria. Date of testing and test result shall be scheduled depending on the availability of the aforesaid testing institution;
- 3) To have good quality PNP Patrol Shirt, the following conditions must be observed. Deviation from these criteria shall be a ground for rejection;
 - a) Submitted sample shall pass the initial visual/workmanship evaluation to be conducted by Directorate for Research and Development (DRD) - Criminalistics Clothing and Laboratory Equipment Division (CCLED) prior to the conduct of the material evaluation by authorized/recognized Testing Centers;
 - b) "No" major defect must be noted on the submitted sample for visual and material evaluation; and

CERTIFIED PHOTO COPY
 FROM THE ORIGINAL
 JENNIFER D. DONJOC
 POLICE LIEUTENANT COLONEL
 Chief, Administrative Section

- c) Only ten percent of the parameter (total test points) are allowed for minor defects.
- 4) Any items submitted and subjected for material evaluation must satisfy the above specifications. Any justification or action taken shall be final and executory prior to the Final Test and Evaluation Report by the DRD-CCED;
- 5) Findings not covered within this Test Parameter shall be referred to the concerned testing center for technical interpretation and justification;
- 6) Any deviation arising from this Test Parameter/result shall be justified by the concerned testing center; and
- 7) The DRD is responsible for the quality control of the materials and workmanship for all types of PNP uniforms to ensure uniformity and top quality.

g. Additional Guidelines:

In case a Certificate of Conformity is issued to the applicants, he/she shall ensure that all PNP Patrol Shirts for sale to the PNP personnel are guaranteed authentic in accordance with the parameters and requirements set for under this MC.

Further, he/she shall undertake primary measures to ensure that his/her authorized distributors/representatives sell only PNP Patrol Shirts which originated from him.

4. REPEALING CLAUSE:

All other test procedures, guidelines or Standard Operating Procedures contrary to or inconsistent with the provisions of these test parameters are hereby rescinded, modified or amended accordingly.

5. EFFECTIVITY:

This MC shall take effect immediately after 15 days from filing a copy thereof at the University of the Philippines Law Center in consonance with Sections 3 and 4, Chapter 2, Book VII of Executive Order 292, otherwise known as the "Revised Administrative Code of 1987," as amended.



CAMILO PANCRATIUS P CASCOLAN
 Police General
 Chief, PNP

Distribution:
 Command Group
 D-Staff
 P-Staff
 D. NSUs

CPNP Ltr 20 S083508



S083508

CERTIFIED PHOTO COPY
 FROM THE ORIGINAL
 JENNIFER D. SANCHEZ
 POLICE LIEUTENANT COLONEL
 Chief, Administrative Section