

Republic of the Philippines
Department of the Interior & Local Government
NATIONAL POLICE COMMISSION
Quezon City

RESOLUTION NO. 2015-450

APPROVING THE AMENDMENT TO NAPOLCOM RESOLUTION NO. 2010-323
BY PRESCRIBING THE NEW MINIMUM STANDARDS IN THE SPECIFICATIONS
FOR GENERAL PURPOSE RAINCOAT

WHEREAS, Section 14, paragraphs (i) and (m) of Republic Act No. 6975 as amended by Section 5, paragraph (a), sub-paragraphs (5) and (8) of the Republic Act No. 8551 empowers the Commission to approve or modify plans and programs on education and training, logistical requirements, communications, records, information system, crime laboratory, crime prevention and crime reporting as well as prescribe minimum standards for arms, equipment and uniforms and, after consultation with the Philippine Heraldry Commission, for insignia of ranks, awards and medals of honor;

WHEREAS, pursuant to the aforesaid legal prescription, the PNP Uniform and Equipment Standardization Board (UESB) Resolution No. 2015-023 dated July 15, 2015, has submitted and favourably indorsed the proposed amendment to NAPOLCOM Resolution No. 2010-323, for consideration and approval by the Commission;

WHEREAS, the PNP-UESB amendment to the General Purpose Raincoat specifications refers to a major change in the custom-built design, material and color for comfortability and visibility, especially during night time use;

WHEREAS, after thorough review and evaluation, the Commission has determined the PNP-UESB proposed amendment to the minimum standards in the specifications for General Purpose Raincoat is generally adopted with slight modifications to conform with the requirements of Republic Act No. 6975 as amended by Republic Act No. 8551, its implementing rules and regulations (IRR), and all existing rules and regulations to meet the requirements of the PNP;

NOW THEREFORE, the Commission in the exercise of its statutory power to administer and control the PNP, RESOLVES, AS IT HEREBY RESOLVED to amend NAPOLCOM Resolution No. 2010-323 by prescribing the new minimum standards in the specifications for PNP General Purpose Raincoat with slight modification, to wit:

I. PURPOSE:

The PNP Raincoat is a water resistant coat worn to protect the PNP uniformed personnel from rain while performing field duties and functions.

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II. GENERAL DESCRIPTION:

The PNP Raincoat is composed of an upper garment (long sleeves/jacket design) and lower garment (pants design). It is made of nylon fabric/material which is water resistant. It is flo yellow (visually, per standard sample) in color with two layer backing to prevent water from entering and it has gray stripes made of industrial reflective tape. The markings are made of 14-3805 TCX iris color with 19-4028 TCX insignia blue background and the font is Arial. Details of specifications are shown below.

III. TECHNICAL SPECIFICATIONS:

A. UPPER GARMENT - JACKET

- 1) Design : Long sleeves (jacket type)
- 2) Color : Flo yellow (visually, per standard sample)
- 3) Material : Water resistant and heavy-duty material with backing, same as lower garment
- 4) Stripes : Sewn around the body
 - (4a) Material : Industrial reflective tape
 - (4b) Color : Gray
 - (4c) Number of Stripes : Two (2) stripes with 19-3927 TCX graphite edging/border
 - (4d) Width : Width of reflective tape: 4.8-5.2cm
Width of 19-3927 TCX graphite edging/border: 4-6mm on each side
- 5) Placement of Stripes :
 - (5.a) 1st stripe : Should be aligned in the 1st stripe in the sleeves
 - (5.b) Distance of the 2nd stripe from the 1st stripe : The 2nd stripe is sewn 6 to 9cm from the hem of the body

FRONT VIEW

- 6) Vertical Opening : With zipper at the center portion of the raincoat and with overlap
 - (6.a) Zipper : Full length: from the collar (full zip) to bottom or near the hem (4cm, maximum from hem)
 - (6.b) Width of teeth/chain of zipper when closed : 5-6cm
 - (6.c) Material : Plastic chain
 - (6.d) Color : Flo yellow similar to the fabric (visually, per standard sample)
 - (6.e) Hoop and Loop Fastener : Used for fastening the overlap
 - Quantity : 4 sets
 - Color : Flo yellow similar to the fabric (visually, per standard sample)

- 7) Pockets for all Sizes : Placed at the lower portion
 (7.a) Number of Pockets : Two (2), left and right
 (7.b) Length of Opening : 16cm (± 1 cm)
 (7.c) Dimension of Overlap : Width: 5-6cm
 Length: full length from center to left/right side
 (7.d) Hoop and Loop Fastener under the overlap
 No. of Hoop and Loop : One (1) piece for each pocket
 Color : Flo yellow similar to the fabric
- 8) Side Slits : Left and right
 (8.a) Length of Opening : 15-20cm
 (8.b) Fastener : Hoop and loop fastener
- 9) Collar : Sports collar
- 10) Hood : Attached to the collar but can be hidden at the back of the collar fastened by hoop and loop
- 11) String : Attached to the hood for adjusting the head opening
 (11.a) Color : Flo yellow similar to the fabric (visually, per standard sample) with stopper or lock at the edge
- 12) Markings : PNP seal
 (12.a) Placement : Left breast
 (12.b) Material : Reflective material, painted directly on the raincoat
 (12.c) Color : Combination of light gray and dark gray with dark blue border
 (12.d) Dimension : Height: 10cm ($\pm 5\%$)
 Width: 8.3cm ($\pm 5\%$)

BACK VIEW

- 13) Horizontal opening : Center portion of the raincoat
 (13.a) Number of opening : One (1), fastened by three (3) sets of hoop and loop
 (13.b) Length of opening : 25-30cm
- 14) Markings : "PULIS" markings at the upper back portion
 (14.a) Material : Painted directly on the raincoat
 (14.b) Color : 14-3805 TCX iris
 (14.c) Dimension : Height: 8.5-9.5cm
 Width: 6-7cm
 Thickness: 1.7-2cm
 (14.d) Distance between letters : 1-2cm
 (14.e) Font : Arial
 (14.f) Background : 19-4028 TCX insignia blue with 14-3805 TCX iris border
 (14.g) Thickness of the gray border : 7mm (± 1 mm)

- (14.h) Dimension of the background : 13cm x 38cm (\pm 1cm)
- (14.i) Distance from the attachment of the collar : 14-18cm
- 15) Sleeves (Stripes) : Sewn around the arm
 - (15.a) Material : Industrial reflective tape
 - (15.b) Color : Gray
 - (15.c) Number : Two stripes with 19-3927 TCX graphite edging/border
 - (15.d) Thickness : Width of reflective tape: 4.8-5.2cm
Width of 19-3927 TCX graphite edging/border: 4-6mm on each side
 - (15.e) Distance of 1st stripe from the shoulder seam : 8 to 10cm from the armpit
 - (15.f) Distance of 2nd stripe from the 1st stripe : Distance from the hem: 6-9cm
- 16) Hem : The hem has a garterized inner cuff
- 17) Inside part : All sewn portion should have a protective tape colored white to prevent water from entering
 - (17.a) Loop : Sewn along with the label for hanging when wet
- 18) Supplier's/Sewer's label : The name/trademark of the manufacturer/supplier and size of the raincoat are printed on a water repellent material and sewn inside at the back (joining) of the collar

B. LOWER GARMENT

- 19) Design : Pants
- 20) Color : F lo yellow (visually, per standard sample)
- 21) Material : Water resistant and heavy-duty material with water resistant backing, same as upper garment
- 22) Stripes
 - (22.a) Material : Industrial reflective tape
 - (22.b) Color : Gray
 - (22.c) Number : Two (2) each on leg
 - (22.d) Thickness : Width of reflective tape: 4.8-5.2cm
Width of 19-3927 TCX graphite edging/border: 4-6mm on each side
 - (22.e) Distance between stripes: Distance of the upper stripes from the crotch: 5-8cm
Distance of the lower stripe from the hem: 8-11cm

FRONT VIEW

- 23) Waistband : Garterized
 - (23.a) Width : 4cm (\pm 5mm)
 - (23.b) Waistband adjuster : Braided cord with plastic tips and clipper/stopper

- (23.c) Color : Flo yellow (visually, per standard sample)
- 24) Pockets : Placed on the side with overlap and fastened by hoop and loop
- (24.a) Distance from the top portion of the waistband : 8cm (\pm 1cm)
- (24.b) Number of pockets : Two (2) pcs, (left and right)
- (24.c) Dimension of overlap : 15cm x 6cm (\pm 5mm)
- 25) Hoop and loop fastener under the overlap -
- (25.a) Number of hoop & loop : One (1) piece
- (25.b) Color : Flo yellow similar to the fabric

BACK VIEW

- 26) Buttocks : With double patching for additional durability
- 27) Loop : Sewn along with the label for hanging when wet
- 28) Supplier's/Sewer's label : Printed on a water repellent material and sewn inside at the inner back portion of the waistband
- (28.a) Contents of label : Name of manufacturer/ supplier
- (28.b) Pant size label : Small (S), Short Small (SS), Long Small (LS), Medium (M), Short Medium (SM), Long Medium (LM), Large (L), Short Large (SL), Long Large (LL), Extra Large (XL), XXL or 3XL.
- 29) Inside part : All sewn portion should have a protective tape colored white to prevent water from entering
- 30) Proper Care/Instruction on Handling : To be printed directly on the overlap (inner portion) of the vertical opening of the upper garment
- 31) Raincoat Bag for all Sizes
- (31.a) Material : Water resistant, and heavy-duty material with water resistant backing, same as raincoat
- (31.b) Color : Flo yellow (visually, per standard sample)
- (31.c) Dimension : Length: 30-35cm
Width: 23-28cm
Thickness: 9-13cm
- (31.d) Zipper : Opening is fastened by string
- (31.e) Size Label : The size of the raincoat are printed on a water repellent material and sewn on the side

C. MARKINGS FOR THE JACKET:

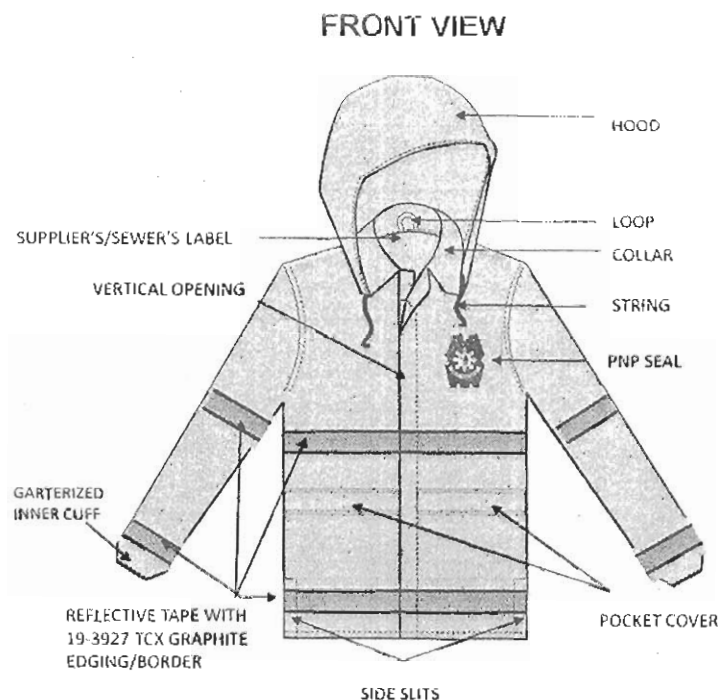
- 1) Front, Left Breast: PNP seal made of reflective material combination of light gray and dark gray. Dimension of the PNP seal: 10cm high and 8.3cm wide with $\pm 5\%$ tolerance
- 2) Back: word "PULIS" - made of paint, 14-3805 TCX iris color with 19-4028 TCX insignia blue background, arial in font and with 14-3805 TCX iris color border.
 - (2.a) Dimension of the word "PULIS": 8.5-9.5cm high, 6-7cm wide and 1.7-2cm thick
 - (2.b) Distance between letters: 1-2cm
 - (2.c) Dimension of the marking: 37-39cm long and 12-14cm high
 - (2.d) Thickness of the border: 6-8mm
 - (2.e) Distance from the attachment of the hood and collar: 14-18cm

D. STRIPES – made of reflective material, gray in color with 19-3927 TCX graphite border at the sides.

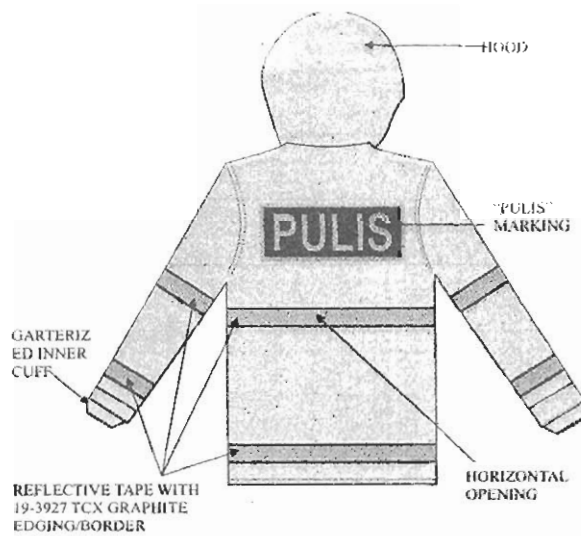
- 1) Placement:
 - (1.a) Around the body: two stripes;
Distance from the armpit of the upper stripe: 8-10cm
Distance from the hem of the lower stripe: 6-9cm
 - (1.b) Around the arm: two stripes aligned to the stripes on the body
Distance from the armpit of the upper stripe: 8-10cm
Distance from the hem of the lower stripe: 6-9cm
 - (1.c) Around the legs: two stripes aligned with each other.
Distance from the crotch of the upper stripe: 5-8cm
Distance from the hem of the lower stripe: 8-11cm
- 2) Dimension of Stripes:
 - (2.a) Width of reflective material: 4.8-5.2cm
 - (2.b) Width of border: 4-6mm

E. ILLUSTRATION:

- 1) For the Upper Garment (long sleeves/jacket design):

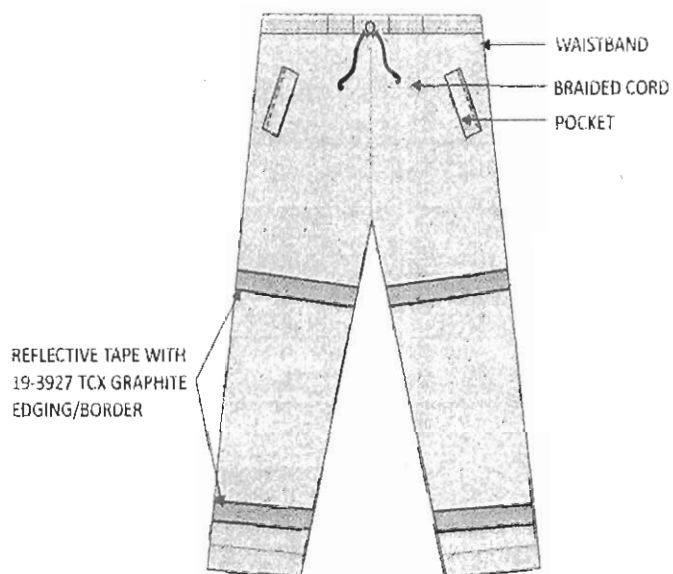


BACK VIEW

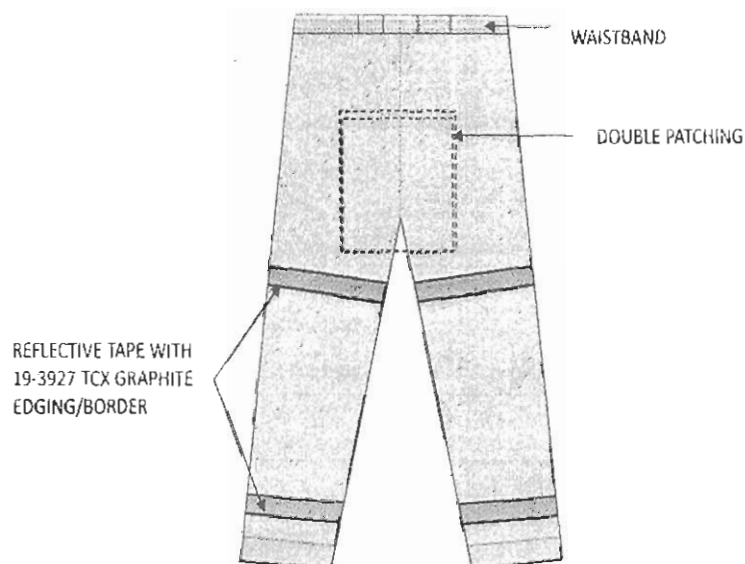


2) For the Lower Garment (pant design)

FRONT VIEW



BACK VIEW



Handwritten initials and a checkmark.

F. CHART SIZE FOR PNP RAINCOAT

(All measurements are in centimeter (cm), with a tolerance of $\pm 5\%$)

| Description | S | M | L | XL | XXL | 3XL |
|-------------------------------|-----|-----|-----|-----|-----|-----|
| For the Upper Garment: | | | | | | |
| Chest Width | 118 | 122 | 126 | 130 | 134 | 138 |
| Back Length | 72 | 74 | 76 | 78 | 80 | 82 |
| Sleeve Length | 58 | 60 | 62 | 64 | 66 | 68 |
| Sleeve Cuff Half Width | 17 | 17 | 18 | 18 | 19 | 19 |
| Hood High | 40 | 40 | 40 | 40 | 40 | 42 |
| Front Zipper Opening Length | 56 | 58 | 60 | 62 | 64 | 66 |
| For the Lower Garment: | | | | | | |
| Waist Length (when stretch) | 104 | 108 | 112 | 116 | 120 | 124 |
| Outside Length of Pants | 104 | 106 | 108 | 110 | 112 | 114 |
| Inside Length of Pants | 71 | 73 | 75 | 77 | 79 | 81 |
| Leg Cuffs Half Width | 23 | 23 | 24 | 24 | 25 | 25 |

G. TECHNICAL EVALUATION OF MATERIALS

1. MAIN FABRIC

- (1.a) Fiber Composition : Nylon
- (1.b) Breaking Strength, minimum
 - Warp : 178N
 - Filling : 178N
- (1.c) Tearing Strength, minimum
 - Warp : 13N
 - Filling : 13N
- (1.d) Dimensional Change, maximum
 - Length : $\pm 3\%$
 - Width : $\pm 3\%$
- (1.e) Type of Weave : Ripstop
- (1.f) Distance of Weave Repeat, mm
 - Warp : 5 to 5.5
 - Filling : 5 to 5.5
- (1.g) Seam, Slippage, minimum
 - Superimposed Seam : 111N
 - Lapped Seam : 111N
- (1.h) Colorfastness to Laundering (rating), minimum
 - Change in Color : 4
 - Staining : 3
- (1.i) Colorfastness to Perspiration (rating), minimum
 - Change in Color : 4
 - Staining : 3
- (1.j) Colorfastness to Rubbing (rating), minimum
 - Dry : 4
 - Wet : 3
- (1.k) Colorfastness to Water (rating), minimum
 - Change in Color : 4
 - Staining : 4



- (1.l) Water Repellency (rating), minimum
Spray Test : 70
- (1.m) Water Resistance: Impact Penetration : 1 gram
Test, maximum
- 2) Edging
 - (2.a) Fiber Composition : 100% Nylon
 - (2.b) Nearest Pantone Color : 19-3927 TCX Graphite
 - (2.c) Color Difference : 0-1.5
- 3) Lining
 - (3.a) Fiber Composition : 100% polyester
 - (3.b) Nearest Pantone Color : 13-4105 TCX Lilac Hint
 - (3.c) Mesh Number per cm
 - Length : 12-16
 - Width : 10-14
 - (3.d) Color Difference : 0-1.5
- 4) Paint
 - (4.a) Nearest Pantone Color :
Markings and Border : 14-3805 TCX Iris
Background : 19-4028 TCX Insignia
Blue
 - (4.b) Color Difference : 0-1.5
- 5) Protective Tape (Inside)
Color : White (visually)

IV. QUALITY GUIDELINES

1. The PNP General Purpose Raincoat (GPR) is to be used by the PNP uniformed personnel when performing field duties and functions when raining. It shall not be penetrated by water when used especially on the sewn portion (Functional Test: Simulation for the rain can be conducted by shower or garden hose with sprinkler). It shall be 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. To have a good quality raincoat, "NO" major defects must be noted on the submitted sample for destructive test;
3. Only ten percent (10%) of the parameter (total test points) are allowed for minor defect. Exceeding with this criterion shall be sufficient grounds for rejection;
4. Any deviation arises from this test parameters/result shall be justified by concerned Testing Centers;
5. In order to monitor and maintain the quality standards, the conduct of Test and Evaluation shall be valid for one (1) year only; and
6. The PNP Directorate for Research and Development is responsible for the quality control of materials and workmanship for PNP General Purpose Raincoat (GPR) to ensure uniformity and top quality.

- V. Must pass the PNP Test and Evaluation.


RESOLVED FURTHER, all other existing specification which is found inconsistent with the new minimum standards in the specifications for General Purpose Raincoat is hereby Cancelled.

APPROVED this 8th day of SEPTEMBER, 2015, in Quezon City, Metro Manila, Philippines.


MAR ROXAS
Chairman, NAPOLCOM




DILG-OSEC OUTGOING 15-03334


EDUARDO U. ESCUETA
Commissioner
Vice Chairman and Executive Officer

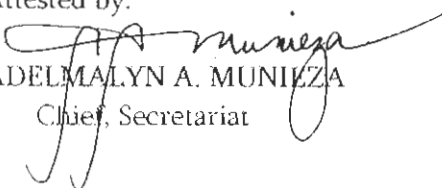

LUISITO T. PALMERA, DPA, CSEE
Commissioner


ALEJANDRO S. URRO
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CONSTANCA P. DE GUZMAN, Ph.D
Commissioner


RICARDO C. MARQUEZ
Commissioner

Attested by:


ADELMALYN A. MUNIEZA
Chief, Secretariat

