



PAKISTAN NAVY SPECIFICATION 15/2021  
PROMULGATION DATE: 14 FEBRUARY 2022

## NAME TALLY

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### PROMULGATION ORDER

1. This specification is hereby approved and promulgated for information, guidance and compliance by the relevant person.
2. The details contained in the specification are to be studied, interpreted and implemented with due regards to the interest of the Service.

### SUGGESTIONS FOR AMENDMENT

1. The specification has been prepared to bring the test methods and procedures in line with up-to-date PN requirements and facilities held in Pakistan. CINS may request to amend any test requirement/ test procedure in light of the experience emanating from its inspection history, through the feedback form placed at Annex F. However, such an alteration will be effective when the amendment is promulgated by this Directorate, and will be effective on the contracts which materialize after the promulgation date of respective amendment.

<b>CONTENTS</b>	
<b>DESCRIPTION</b>	<b>PAGE NO</b>
Promulgation Order	ii
Suggestions for Amendment	ii
Table of content	iii
Record of Changes / Amendments	iv
<b>Details</b>	
Designation	1
Usage	1
Introduction	1
Scope	1
Related Documents	1
Definitions & Abbreviations	2
Technical Details of Name Tallies	2
Technical Drawing of Name Tallies	2
Guideline for Manufacturing of Name Tallies	2
Quality of Workmanship and finishing	3
Testing	4
Bulk Representative Samples of Name Tallies	4
Tender Sample	4
Advance Sample	4
Inspection	5
Stamping of Accepted/ Rejected Stores by Inspector	6
Packing and Preservation Details	6
Identification Label	6
Delivery	6
<b>Annexes:</b>	
A. Definitions & Abbreviations	8
B. Technical Details of Name Tallies	9
C. Technical Drawings of Name Tallies	10
D. Guideline for Inspection – General Defects	13
E. Acceptable Quality Levels (AQLs)- Name Tallies	15
F. Feed Back Form	17
Blank page	18

**RECORD OF CHANGES /AMENDMENT**

Amd No	Date	Letter of amendment and description	Signature and Date

**PN SPECIFICATION 15/2021  
(NAME TALLY)**

**0101. DESIGNATION**

1. Name Tally

**0102. USAGE**

1. Name Tally will be worn by PN Officers on Dress No. 1, 2, 2A, 2B, 3, 6, 7 & 8 and CPOs/ Sailors on Dress No. 1 & 3.
2. Miniature Name Tally will be worn on Dress No.5 and 10 by PN Officers.

**0103. INTRODUCTION**

1. This specification is prepared by Directorate of Indigenous Technical Development, Karachi, to provide necessary guidance to the potential manufacturers/ suppliers of the items mentioned herein. This specification is to be used for testing and deciding upon acceptance, or otherwise, of the items mentioned. Any alteration or addition in this specification can be suggested to ITD Directorate. This specification supersedes and replace all other specifications promulgated earlier in relation to the item mentioned herein. However, it cannot be implemented without prior approval of DNS.
2. This specification booklet includes 06 Annexes and consists 22 pages, including the cover.

**0104. SCOPE**

1. This specification covers the technical/ manufacturing requirements of Name Tallies to be used by PN Personnel. It defines and lays down the quality, standards, and details of materials, workmanship and finish. It also defines procedure of sampling, testing, inspection acceptance/ rejection, marking, preservation, packing and delivery etc.
2. The supplier/ manufacturer shall comply in every respect with the terms of this specification and ensure that the stores conform to it, in all respects.

**0105. RELATED DOCUMENTS**

1. The latest standards document that have been referred to in this specification is:

a.	ASTM D 792	Standard Test Methods for Density and Specific Gravity (Relative Density).of Plastics.
b.	ASTM D 570	Water Absorption of Plastics.
c.	ASTM D 638	Standard Test Method for Tensile Properties of Plastics

d.	ASTM D 790	Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Material.
e.	ASTM D785	Standard Test Method for Rockwell Hardness of Plastics and Electrical Insulating Material.
f.	ASTM D256	Standard Test Method for Determining Pendulum Impact Resistance of Plastics.
g.	ASTM D696	Standard Test Method for coefficient of linear Thermal Expansion of Plastics between 30 °C.
h.	ASTM D648	Standard Test Method for Deflection Temperature of Plastics under Flexural load in the Edgewise Position.
j.	ASTM C177	Standard Test Method for Steady-State heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
k.	ASTM UL94	Standard Test Method for Testing and Flammability Ratings to Classify Plastics.
l.	ASTM D149	Standard Test Method for Data Sheet and Application Notes
m.	ASTM D150	Standard Test Method for Across Characteristics and Permittivity (Dielectric Constant) of Solid Electrical Insulation
n.	ASTM D 257	Standard Test Method for DC Resistance or Conductance of Insulating Materials
p.	ASTM E 1085	Standard Test Method for Analysis of Low-Allow Steels by X-Ray Fluorescence Spectrometry Fluorescence Low Allow Steel Spectrometric X-ray

#### 0106. DEFINITIONS & ABBREVIATIONS

- Definitions and Abbreviations used in this standard are given at Annex A to this specification.

#### 0107. TECHNICAL DETAILS OF NAME TALLIES

- The Technical Details of Name Tallies are mentioned at Annex B to this specification.

#### 0108. TECHNICAL DRAWING OF NAME TALLIES

- All dimensions of Name Tallies in the form of drawing are given at Annex C.

#### 0109. GUIDELINE FOR MANUFACTURING OF NAME TALLIES

- Name Tallies will bear the individual's Name only, excluding rank, decorations etc.

2. Maximum 12 letters should be used including space (if any). If it doesn't fit in allowable limit than surname or individual common Name will be engraved on the Name Tally.
3. The Name Tallies will be manufactured with uniform/ homogenous raw material of polymeric material (PVC).
4. Name Tallies consisting of three (03) PVC (Polyvinyl Chloride) Sheets.
5. Black color sheets are used on both outer sides of Name Tallies. White sheet is used in between black sheets.
6. Total thickness of Tallies is to be 1.5 mm. Thickness of white sheet is to be 0.7mm. Both black sheets thickness are to be 0.4 mm, respectively.
7. Edges of plate to be chamfered 0.8 mm at  $45^{\circ}$  all round (without rounding the corners).
8. Height of the letters are 06 mm and width of the letters are 05 mm at Name Tally used on Dress No. 1, 2, 2A, 2B, 3, 6, 7 & 8 by PN Officers and Dress No. 1 & 3 by CPOs/ Sailors.
9. Height of the letters are 05 mm and width of the letters are 04 mm at Miniature Name Tally used on Dress No. 5 and 10 by PN Officers.
10. Block letters shall be used in Arial (Font Style).
11. Engraving depth of alphabet is 0.4 mm at front Black sheet.
12. Supporting back plate are to be made of brass.
13. Thickness of metallic/ back plate is 22 SWG/ 0.7mm.
14. Metallic sheets shall be attached permanently at the back of the Tallies.
15. Surplus material on the edges of Name Tallies shall be properly trimmed off/ removed.
16. Suitable safety pin or screws are used as Securing/ locking mechanism and same are fixed with brass plate, as specified in the drawing at Annex C to this specification.
17. Cementex bond should be used for securing mechanism that should be sustainable at room temperature.

#### 0110. QUALITY OF WORKMANSHIP AND FINISHING

1. The Workmanship and finish of Name Tallies shall be equal to sealed pattern. It shall be best of class and to the entire satisfaction of the Inspector.

2. The Name Tallies shall conform to the sealed pattern in respect to all properties and quality not defined in this specifications.

#### 0111. TESTING

1. The material shall be subjected to tests laid down in this specification at Annex B and related documents. At least five samples of each securing mechanism of Name Tally will be required to complete all the tests mentioned at Annex B to this specification. The material may also be subjected to such tests which are deemed necessary by the inspection authority in order to determine their suitability. However, any test considered important by Inspecting Authority other than Annex B may also be conducted in order to check its suitability.

Note: Manufacture is liable to pay all the testing charges.

#### 0112. BULK REPRESENTATIVE SAMPLES OF NAME TALLIES

1. Sample quantity will depend upon lot/ batch quantity. Samples quantity will be as per Annex E (AQL) or based on 100% Inspection depending on discretion of Inspecting Authority.

#### 0113. TENDER SAMPLE

1. Tender sample is to be approved by TSR Committee.
2. For each tender 10 samples of Name Tallies (05 x pin securing and 05 x screw securing) shall be supplied by the manufacturer at the time of tendering along with samples of materials (used in manufacturing of Name Tallies) and Quality Assurance Report (test report) from any accredited laboratory.

#### 0114. ADVANCE SAMPLE

1. Advance sample or pre-production sample, when required, shall be submitted in accordance with terms of the contract for inspection and testing as per Annex B, C and D. The minimum quantities required are 10 samples (05 x pin securing and 05 x screw securing) along with samples of materials used in manufacturing of Name Tallies as mentioned above.

2. Whenever Tender, Advance or pre-production sample is not required, the suppliers/ manufacturer are advised in their own interest to submit to the Inspecting Officers or representative an initial delivery of One % of the contract or ten pair along with samples of accessories/ materials for inspection and testing.

3. The approval of Tender, Advance or pre-production sample, authorizes the commencement of bulk production but does not relieve the suppliers/ manufacturers from compliance with all the provisions of this specification.

4. One approved sample shall be properly sealed and returned to the firm for guidance; rest of the approved sample shall be retained for future use in bulk Inspection (if deemed necessary).

5. The Pre-production sample shall be manufactured by the manufacturer with the same facilitates which will be used for manufacturing of the bulk items.

6. Firm shall provide advance sample along with quality verification reports from an accredited laboratory, whenever asked/ required by Inspecting authority to ensure compliance of quality assurance parameters during production/ final internal inspection.

#### **0115. INSPECTION**

1. **Bulk Representative Sample.** (B/R) random sampling will be carried out as per rules in vogue.

2. **Bulk Inspection.** Bulk inspection will be carried out after satisfactory completion of Visual Examination and Testing of B/R Sample as per Annex B, C and D.

3. **Inspection/ Acceptance and Rejection of Stores.** Inspection/ acceptance is to be carried out to the entire satisfaction of Store Officers or as per instruction/ procedure laid down in unit/ department Standing Order.

a. The Name Tallies shall be examined for the precision of shape, design, Font style, font size, dimension, workmanship and finish.

b. Name Tallies shall be inspected especially for pits, blemishes, stains, discoloration. Fine edges of Name Tallies are to be especially checked.

c. Name Tallies with major/ minor defects as described in Annex D to this specification will be rejected.

4. **Responsibility for Inspection.** The supplier is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. PN reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements.

5. **Responsibility for Compliance.** The inspection set forth in this specification shall become a part of the supplier's overall inspection system or quality program. The shortage of any inspection requirements shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to PN for acceptance comply with all requirements of the contract.

6. **Replacement by the Contractor.** The supplier/ manufacturer is responsible for replacement of the consignment or any part thereof whenever it is found to be not conforming to this specification or does not curtain its quality till the useful life of an item. .

7. **Responsibility for Safety.** The supplier/ manufacturer is wholly responsible for the safety of supplies during inspection, storage at firm's premises, proper packing, dispatch and delivery up to consignee.

**0116. STAMPING OF ACCEPTED/ REJECTED STORES BY THE INSPECTOR**

1. While stamping of accepted/ rejected stores under mentioned instructions are to be followed:

- a. **Stamping of Accepted Stores.** The acceptable Name Tallies shall be stamped with Inspector's Acceptance Mark's on box of 100 pcs (Name Tallies) or as per instructions of inspecting Officers. The stamping shall be legible.
- b. **Stamping of Rejected Stores.** The rejected Name Tallies shall be marked with Inspector's Rejection Mark to avoid re-submission by the supplier.
- c. The Inspector is the authority in all matters pertaining to inspection.

**0117. PACKING AND PRESERVATION DETAILS**

1. Preservative treatment and quality of packing shall be examined/ tested as the inspector may consider necessary in order to determine whether they conform to this specification.

- a. **Packing Details.** The store when ordered to be delivered 'PACKED' shall be packed as per following instructions:
  - (1) Each Name Tallies shall be packed in polyethylene packing, then in a suitable box in neat and tidy condition.
  - (2) 100 x Name Tallies shall be further packed in a thick card board box.
  - (3) Each card board box packing shall be securely and properly packed with packing list.

**0118. IDENTIFICATION LABEL**

1. Each Name Tally shall bear following minimum information written on individual box:

- a. Item Name/ item description with size and NSN/ Patt no.
- b. Contract number and Date.
- c. Year of manufacture.
- d. Firm's Name, initials, or trade mark.
- e. Batch no.

**0119. DELIVERY**

1. The consignment of store will be delivered in accordance with the terms of contract.
2. The store shall be delivered in Brand new, clean and dry condition.
3. The contractor/ manufacturer is fully responsible for the safety of the supplies during inspection, stage inspection, storage at firm's and consignee premises, proper packing, dispatch and delivery up to consignee.

**XXXXXX SD XXXXXX**

**MUHAMMAD AFSAR**  
Captain Pakistan Navy  
DID

Annexes:

A. Definitions & Abbreviations	8
B. Technical Details of Name Tallies	9
C. Technical Drawings of Name Tallies	10
D. Guideline for Inspection – General Defects	13
E. AQL- Name Tallies	15
F. Feed Back Form	17

ANNEX A TO  
PNSPECIFICATION NO.15/2021  
PROMULGATION DATE 14 FEB 22

DEFINITIONS & ABBREVIATIONS

1. DEFINITIONS

a. Following definitions are used in this specification and will be adopted for use:

(1) **Inspector.** The term inspector shall include the "Inspection Authority", Inspecting Officers and their representatives, duly authorized for the purpose of discharging inspection duties involved.

(2) **Inspection Authority.** Chief Inspector of Naval Stores (CINS). His verdict in respect of Sealed Inspection matters is to be taken as final.

(3) **Inspecting Officers.** An Officers nominated by the CINS for carrying out inspection of stores supplied by the supplier, against a specified contract or order, in accordance with the particulars stipulated therein.

(4) **Acceptance Quality Level (AQL).** It represent allowable limit/tolerance of defects or non-conformities in an offered store/ lot/ batch. It represent in percentage, also known as Allowable Quality Limits.

(5) **Minor Defects.** They are small insignificant issues that don't affect the function or form of the item. Highest tolerance of AQL has been set for minor defects.

(6) **Major Defects.** They would likely result in product return but don't poses safety risk. AQL tolerance depend upon the description/ quality of finished product.

2. ABBREVIATIONS

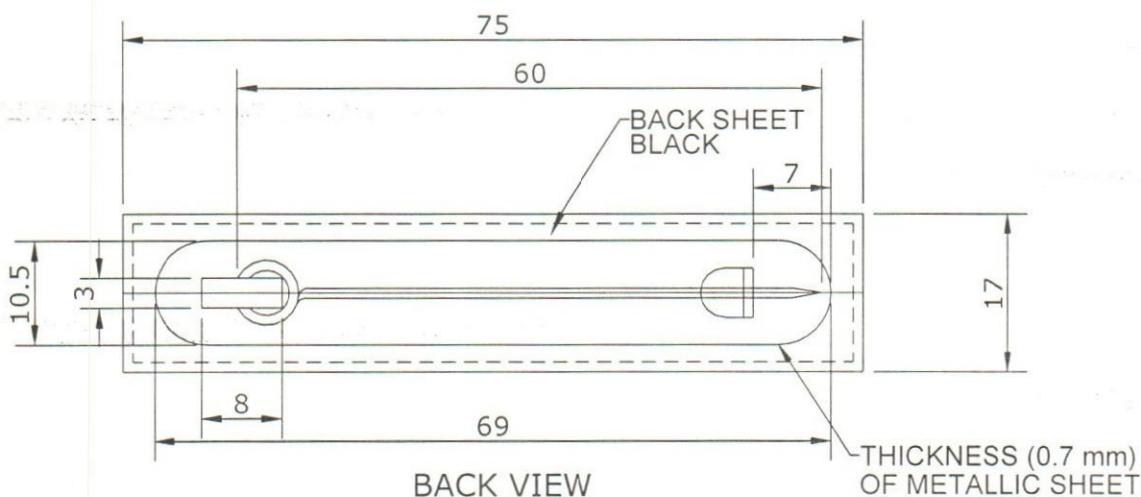
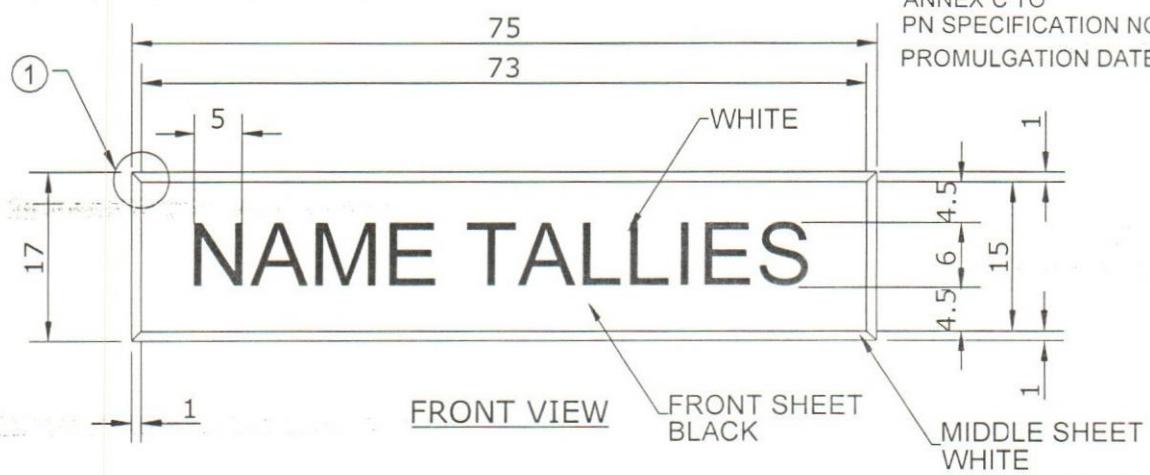
a. Following abbreviations are used in this specification and will be adopted for use:

- (1) CINS: Chief Inspector of Naval Stores
- (2) DITD Directorate of Indigenous Technical Development
- (3) DNS Directorate of Naval Store
- (4) PNCSD Pakistan Navy Clothing Store Depot
- (5) PNCTA Pakistan Navy Central Testing Authority

**ANNEX B TO**  
**PN SPECIFICATION NO.15/2021**  
**PROMULGATION DATE 14 FEB 22**

**TECHNICAL DETAILS- NAME TALLIES**

S. NO	DESCRIPTION	STANDARD	REQUIREMENT
1.	<u>Tallies</u>		
a.	Material	Chemical analysis	PVC Formica sheet
b.	Physical Properties		
(1)	Density (g/cm <sup>3</sup> )	ASTM D792	0.051
(2)	Water absorption	ASTM D570	0.5%
c.	Mechanical Properties		
(1)	Tensile Strength	ASTM D638	7,500(psi)
(2)	Tensile Modulus		411,000(psi)
(3)	Flexural Strength	ASTM D790	12,800(psi)
(4)	Flexural Modulus		481,000(psi)
(5)	Hardness	ASTM D785	115 (Rockwell R)
(6)	IZOD Notched Impact	ASTM D256	1.0(ft- lb/min)
d.	Thermal Properties		
(1)	Coefficient of Linear Thermal Expansion	ASTM D696	6.1(x 10 <sup>-5</sup> in./in./°F)
(2)	Heat Deflection Temp	ASTM D648	176/80(°F/°C) at 264 psi
(3)	Thermal Conductivity	ASTM C177	0.90(BTU- in/ft <sup>2</sup> -hr- °F)
(4)	Flammability rating	ASTM UL94	V-O
e.	Electrical Properties		
(1)	Dielectric Strength	ASTM D149	544(V/mil) 1/8" thick
(2)	Dielectric Constant	ASTM D150	3.2 at 60 Hz
(3)	Dissipation Factor	ASTM D150	0.0096 at 60 Hz
(4)	Volume Resistivity at	ASTM D257	5.4 x 10 <sup>15</sup> (ohm-cm)
f.	Thickness		
(1)	Central white sheet	Physical analysis	0.7 ± 0.05 mm
(2)	Outer black sheet		0.4 ± 0.05 mm
g.	Color (Outer black sheet)	Visual analysis	19-4007 TCX
2.	<u>Securing Mechanism</u>		PIN      NUT
a.	Material composition (Brass)	ASTM E 1085/ BS 5658	60 ± 5%
b.	Metallic sheet thickness		40 ± 5%
3.	<u>Size of Name Tally</u>	Visual Analysis	75 mm x 17mm (± 1 mm)
4.	<u>Size of Miniature Name Tally</u>	Visual Analysis	56 mm x 12mm (± 1 mm)



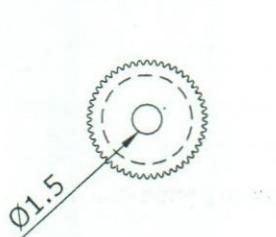
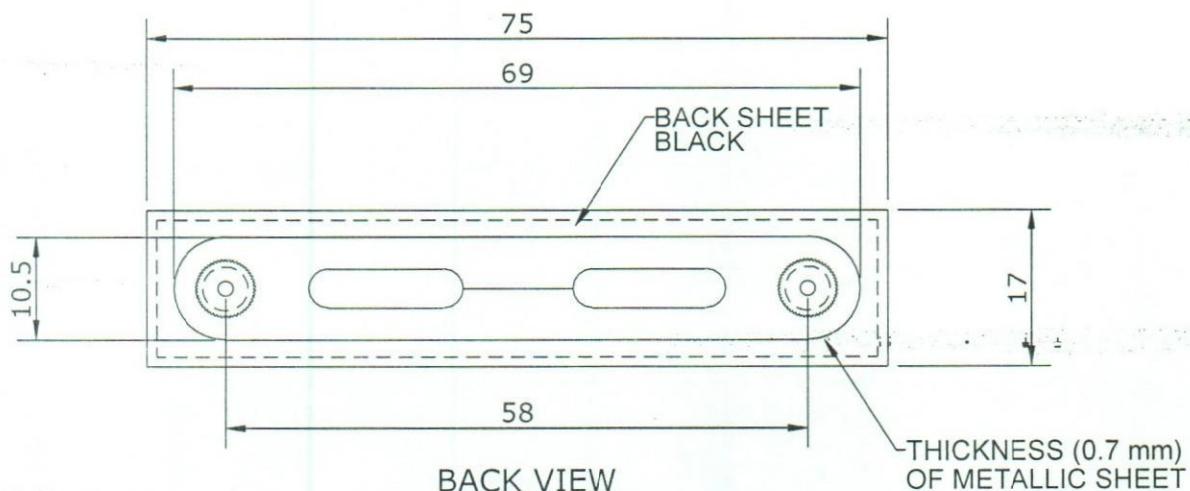
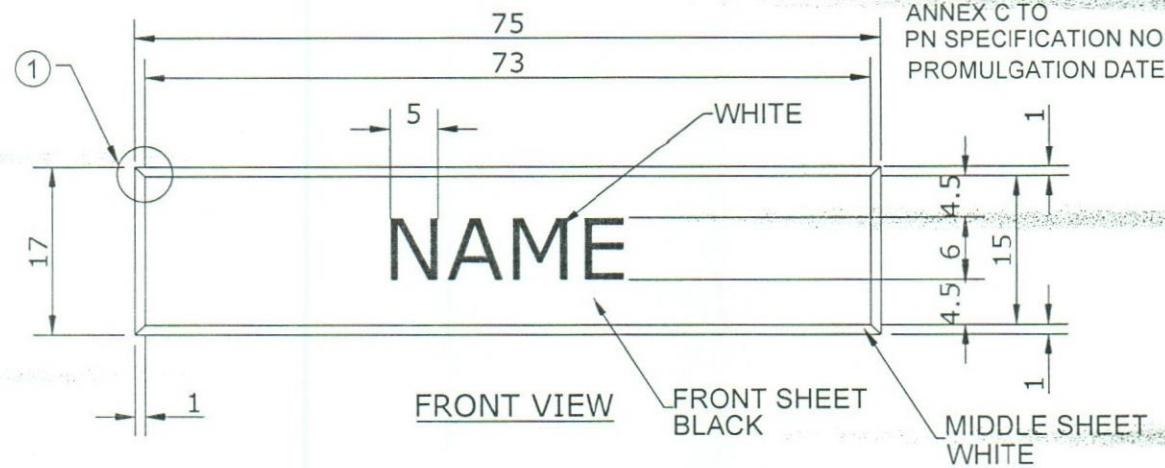
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**NOTE:**

1. MAXIMUM 12 ALPHABET INCLUDING SPACE IN BETWEEN (IF ANY) IF IT DOESNOT FIT IN ALLOWABLE LIMIT THAN SURNAME OR INDIVIDUAL COMMON NAME WILL BE ENGRAVED ON THE NAME TALLY.
2. NAME TALLY WILL BEAR INDIVIDUALS NAME ONLY EXCLUDING RANK DECORATION ETC.
3. NAME WILL BE PRINT IN BLOCK LETTER.
4. ALPHABET SIZE : HEIGHT 6mm WIDTH 5mm
5. FONT (ARIAL)
6. THICKNESS OF ALPHABET 0.7mm
7. DEPTH OF ENGRAVING OF ALPHABETS 0.4mm (APPROX)

FOR FURTHER DETAILS SEE STOCK/APPROVED SAMPLE

DITD KARACHI		
TITLE: NAME TALLY (PIN SECURING MECHANISM)		
DWG.NO.	TD-2589/2021	DIMENSIONS: mm
DATE:	13-08-2021	SCALE: 1:1
DRAWN BY	CHECKED BY	FINALIZED BY
xx SD xx	xx SD xx	xx SD xx
ADNAN NISAR D/MAN	L T CDR SANA KANWAL SO TEXTILE	CAPTAIN MUHAMMAD AFSAR DID



LOCK  
SCALE = 2:1

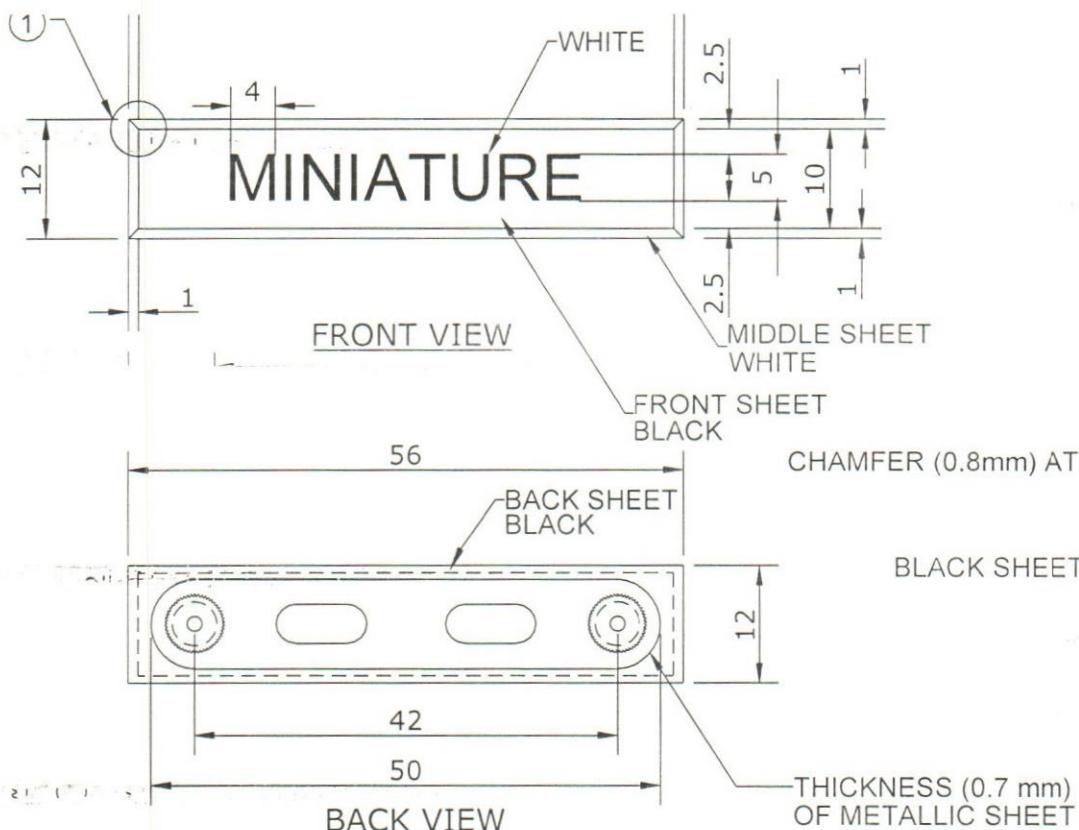
1396

NOTE:

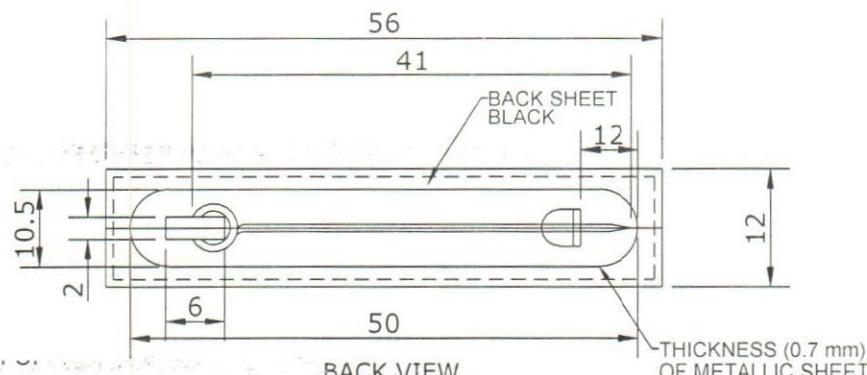
1. MAXIMUM 12 ALPHABET INCLUDING SPACE IN BETWEEN (IF ANY) IF IT DOESNOT FIT IN ALLOWABLE LIMIT THAN SURNAME OR INDIVIDUAL COMMON NAME WILL BE ENGRAVED ON THE NAME TALLY.
2. NAME TALLY WILL BEAR INDIVIDUALS NAME ONLY EXCLUDING RANK DECORATION ETC.
3. NAME WILL BE PRINT IN BLOCK LETTER.
4. ALPHABET SIZE : HEIGHT 6mm WIDTH 5mm
5. FONT (ARIAL)
6. THICKNESS OF ALPHABET 0.7mm
7. DEPTH OF ENGRAVING OF ALPHABETS 0.4mm (APPROX)

FOR FURTHER DETAILS SEE STOCK/APPROVED SAMPLE

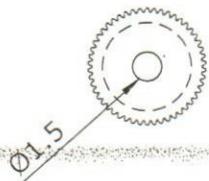
DITD KARACHI		
TITLE: NAME TALLY (NUT SECURING MECHANISM)		
DWG.NO.	TD-2588/2021	DIMENSIONS: mm
DATE:	13-08-2021	SCALE: 1:1
DRAWN BY	CHECKED BY	FINALIZED BY
xx SD xx	xx SD xx	xx SD xx
ADNAN NISAR D/MAN	L.T.C.D.R. SANA KANWAL SO TEXTILE	CAPTAIN MUHAMMAD AFSAR DID



NOTE:



1434



**LOCK**

SCALE = 2:1

- NOTE: SCALE = 2:1
1. NAME TALLY WILL BEAR INDIVIDUALS NAME ONLY EXCLUDING RANK DECORATION ETC.
  2. NAME WILL BE PRINT IN BLOCK LETTER.
  3. ALPHABET SIZE : HEIGHT 5mm WIDTH 4mm
  4. FONT (ARIAL)
  5. THICKNESS OF ALPHABET 0.7mm
  6. DEPTH OF ENGRAVING OF ALPHABETS 0.4mm (APPROX)

FOR FURTHER DETAILS SEE STOCK/APPROVED SAMPLE

DITD KARACHI

TITLE: NAME TALLY(MINIATURE )	
(PIN/NUT SECURING MECHANISM)	

DWG.NO. TD-2626/2022	DIMENSIONS: mm	
DATE: 25-01-2022	SCALE: 1:1	
DRAWN BY xx SD xx ADNAN NISAR D/MAN	CHECKED BY xx SD xx LT CDR SANA KANWAL SO TEXTILE	FINALIZED BY xx SD xx CAPTAIN MUHAMMAD AFSAR DID

ANNEX D TO  
PN SPECIFICATION NO. 15/2021  
PROMULGATION DATE 14 FEB 22

GUIDELINES FOR INSPECTION – GENERAL DEFECTS			
Defect	Description	Major	Minor
Blowhole	Cavities either pinhole or subsurface created by entrapping gases, which result in oval or round cavity.	X	
Flow marks	These are marks left on the surface of the casting due to poor gating, sharp corners, or excessive lubricant.	X	
Cold shuts	This defect can be causes by cold dies, low metal temperature, dirty metal, and lack of venting or too much defect.	X	
Misrun	It is a kind of incomplete casting defect. The edge of the defect is round and smooth. When the metal is unable to fill the mould cavity completely and thus leaving unfilled portion.	X	
Gas porosity	Air present in the cavity before shot. It can be easily trapped as the metal starts to fill the cavity.	X	
Mismatch	Mismatch in mold defect is because of the shifting molding flashes. It will cause the dislocation at the parting line.	X	
Flash	It is unwanted excess metal which come out of die attached.	X	
Cracks or tears	Cracks appear on the surface of casting.	X	
Shrinkage defect	It occurs when standard feed metal is not available to compensate for shrinkage as the thick metal solidifies.	X	
Incorrect dimension and shape	Dimension and shape of casting is incorrect.	X	
Improper packing	Packing is not as specified in the specifications.	X	
Identification label	Identification labels not present.	X	
Improper marking	Marking not as per standard.	X	
Blisters, Bubbles	Raised or layered zone on surface of plastic part	X	
Burnt Marks	Black or brown burnt areas on the plastic part	X	

## PN SPECIFICATION NO 15/2021

Flash	Excess material in thin layer exceeding normal part geometry	X	
Embedded contaminants	Foreign particles embedded in the part	X	
Flow marks	Directionally off tone wavy lines or patterns	X	
Polymer degradation	Polymer breakdown from oxidation	X	
Voids	Empty spaces within part (air pocket)	X	
Smudgy Edges	Smeared or blurred edges of engraved letter	X	
Crack marks	Appear during engraving on areas adjacent to letters	X	

**ANNEX E TO**  
**PN SPECIFICATION NO. 15/2021**  
**PROMULGATION DATE 14 FEB 22**

**Acceptable Quality Levels (AQLs) - Name Tallies**

1. Acceptable Quality Level (AQL) is maximum average defective items in a lot or limit / percentage of defective items in product /offered store. It is expressed in a percentage. Number of average defective items is determined by following formula:

$$\text{Average defective item} = \frac{\text{No.of defective item found during inspection}}{\text{Total no.of item to be inspected}} \times 100$$

2. AQL process: it is used for inspection of finished product by the QC professionals. AQL standard is depend on the quality of the product to be inspected, random sampling, and experience of inspector. Following AQL table is used to determine lot size/ offered store quantity, least No. of sample to be inspected, AQL %, and acceptance & rejection points:

<u>Lot/Batch Size</u>	<u>Sample Size</u>	<u>Materials</u>	<u>Finished Name Tallies</u>							
			• Acceptable/ Allowable defective sample (Ac)				• Rejected/ Exceed allowable limit of defective item (Re)			
			Critical Defects		Major Defects		Minor Defects			
Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	
2 - 8	2	0	1	0	1	0	1	0	1	
9 ~ 15	3	0	1	0	1	0	1	0	1	
16 ~ 25	5	0	1	0	1	1	2	1	2	
26 ~ 50	8	0	1	0	1	1	2	1	2	
51 ~ 90	13	1	2	1	2	1	2	2	3	
91 ~ 150	20	1	2	1	2	2	3	3	4	
151 ~ 280	32	2	3	2	3	3	4	5	6	
281 ~ 500	50	3	4	3	4	5	6	7	8	
501 ~ 1200	80	5	6	5	6	7	8	10	11	

1201 ~ 3200	125	7	8	7	8	10	11	14	15
3201 ~ 10000	200	10	11	10	11	14	15	21	22
10001 ~ 35000	315	14	15	14	15	21	22	21	22
35001 ~ 150000	500	21	22	21	22	21	22	21	22
150001 ~ 500000	800	21	22	21	22	21	22	21	22
500001 ~ Over	1250	21	22	21	22	21	22	21	22

3. If the inspector have time constrain then AQL is beneficial/ helpful in inspection of whole lot/ offered store. It safe time, cost and give effective/ statistical result of product /offered store.

e.g. If inspector needs 01 minutes to check the item , the quantity to be inspected is 2,500 items then it took 42 hours to check the whole consignment/ offered store. It means 02 days approx. for one store. Calculation is as follows:

$$\frac{1 \text{ min} \times 1 \text{ hr}}{1 \text{ item} \times 60 \text{ min}} \times 2,500 \text{ items} = 42 \text{ hrs} \cong 02 \text{ days}$$

After Implementing AQL standard so the sample taken from the lot/ offered store is 200 items/ sample:

$$\frac{1 \text{ min} \times 1 \text{ hr}}{1 \text{ item} \times 60 \text{ min}} \times 2,00 \text{ items} = 3.33 \text{ hrs} \cong 01 \text{ day}$$

4. Quality parameters/ AQL limits may be defined by Inspecting Authority (if deemed appropriate) and communicate to the manufacturer, so the manufacturer set their quality levels (AQL limits) accordingly for their internal audit. Therefore, good quality product is ready for inspection.

PN SPECIFICATION NO 15/2021

ANNEX F TO  
PN SPECIFICATION NO. 15/2021  
PROMULGATION DATE 14 FEB 22

FEED BACK FORM

Item Designation: \_\_\_\_\_

Pattern #: \_\_\_\_\_

Parent Equipment: \_\_\_\_\_

PN SPEC #: \_\_\_\_\_

Problem Faced: \_\_\_\_\_  
\_\_\_\_\_

Technical Solution: \_\_\_\_\_  
\_\_\_\_\_

Financial Effect (if any): \_\_\_\_\_  
\_\_\_\_\_

Name Stamp

COUNTERSIGNED

Name Stamp

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