

Technical Requirements for
STAPLE WIRE, STANDARD

PRODUCT SPECIFICATIONS

- 5000 wires per box
- Made of Steel Wire coated with zinc, copper or any equivalent anti-corrosion material
- Dimensions, in mm: (See Fig. 1)
 - Width (W): 12.70 +0.15mm/-0.20mm
 - Leg Length (L): 6.00 +0.50mm/-0.20mm
 - Thickness (D): 0.40 ± 0.05mm
 - Width (E): 0.50 ± 0.05mm
- Number of Wires per Strip: 100 (min)
- The staples shall be preformed and cemented together in strip form one behind the other
- The staples shall have parallel legs and at right angles to the crown which shall permit easy exit of the staples without clogging and jamming the stapler
- Each end of the staples shall have either blunt or chisel point ends
- Staples shall be free from burrs and sharp or rough edges and other defects which might affect the appearance or serviceability of the leg

EVIDENCE AND VERIFICATION

- Shall conform with the required performance tests
 - The staple cement shall be applied smoothly and shall adhere to each staple sufficiently to ensure its exit from the vertical chute without accumulation, clogging and jamming stapler
 - The temper and carbon content of the wire shall permit penetration and clinching to a firm seat without buckling or fracturing of the crown or leg
 - The staples shall be removed without fracture from any type of staple remover
 - For penetration performance, all staples shall penetrate and clinch to 20 sheets of newsprints without buckling or fracturing of the crown or leg and shall not show any malformation when tested. (Annex A of PNS 1162:1994)
 - The Electric stapler shall be used for testing purposes of sample/s
 - No rust shall develop on the staples when tested in accordance with Corrosion Resistance Test. (Annex B of PNS 1162:199)

Allowable defects: 10 defects (maximum) per trial

- One (1) box shall be submitted to the BAC during opening of bids for verification of the product specifications.

PACKAGING

- In a box (5000 wires per box)
One Hundred (100) boxes per carton.

REFERENCES

- *PNS 1162:2008*

ILLUSTRATION

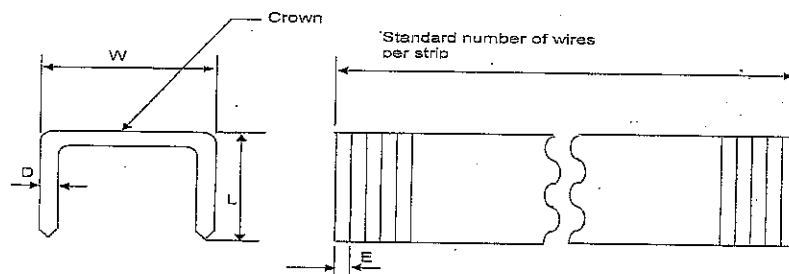


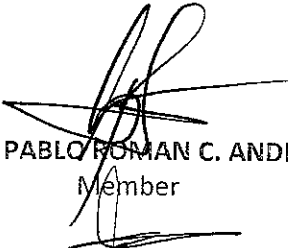
Figure 1 - Staples

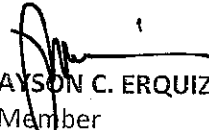
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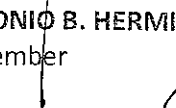
RECOMMENDED FOR REVIEW

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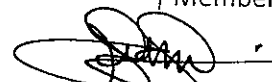

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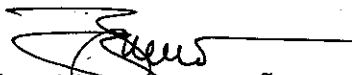

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OCTOBER 28, 2016
Staple Wire, Standard


RECOMMENDED FOR APPROVAL

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Effectivity date: November 25, 2016