



Equipment Specification
Document No.: 4350.225
Item No.: 002-83120
Asset Suite: 83120
Originating Department: Distribution Engineering



Pole Band for Tubular Poles 6-6 5/8" Dia.

1. Introduction

This is a general specification that covers a galvanized steel pole band to be used in tubular poles on the distribution system in Puerto Rico. Further information will be provided by LUMA Energy at the time of order placement and will provide information on site specific conditions, quantity, and other requirements. This document includes the general electrical and mechanical characteristics of the material.

2. Special Requirements

Samples shall be furnished as requested by LUMA Energy. Vendors that have supplied this material to PREPA / LUMA on previous orders will not have to furnish samples at bid opening. Sample shall be furnished as requested by LUMA Energy. The distribution tie wire will be received at the LUMA's general warehouse at Palo Seco (011), Puerto Rico. The shipping will include transportation and unloading at the indicated warehouse.

3. Quantity/Literature

Descriptive and technical literature must be supplied by vendor at time of bidding. This literature may include, but is not limited to details of material, drawings, documented testing, and instructions for use and installation. Failure to submit documents on time will cause bidder disqualification. For products described in this specification as requiring qualification, awards will be made only for such products that, prior to the time for opening of bids, had been tested and/or approved by LUMA. Evidence of LUMA Energy's approval of the equipment or material shall be supplied by vendor if requested by LUMA Energy.

4. Markings

- 4.1. Containers shall be marked outside with LUMA Energy's purchase order, item number, name and size, net and gross weight, manufacturer's name, and lot number.
- 4.2. Packaging labels and tags shall be waterproof.

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5. Equal or Approved Equal to:

Hubbell Power System – Chance Utility – PS6376

6. Packaging

All material and equipment shall be packaged and marked in such a way as to facilitate handling and protection from damage and that the receiving warehouse can readily identify it and send it, in one complete unit, to a field location without opening crates or boxes to sort items and/or parts.

7. Number per package (Logistics)

Standard Package: 1 Pallet (320 units) or as requested by LUMA Energy.

8. Acceptance criteria

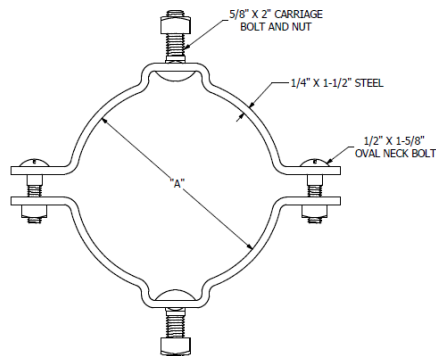
- 8.1. Latest applicable codes, standards, and other regulations: ANSI/ASTM
- 8.2. ASTM A635/A635M – Standard specification for hot-rolled, heavy-thickness, and high-strength low-alloy with improved formability sheet and strip coils.
- 8.3. ASTM A153/A153M or ASTM F2329/F2329M – Standard specification for zinc coating (hot-dip) on iron and steel hardware.

9. Description

- 9.1. Hot-dip galvanized steel pole band to be used for attaching secondary racks to tubular poles.
- 9.2. Must accept a tubular section with diameter range between 6 in. (15.24cm) to 6 5/8 in. (16.83cm)
- 9.3. Must come equipped with two (2) 5/8 in (1.58 cm) X 2 in. (5.08 cm) hot dip galvanized steel carriage bolts for attaching up to two secondary racks.
- 9.4. Pole band shall consist of two (2) semi-circular pieces. Both pieces are to be attached to each other with two (2) ½ in. (1.27) X 1 5/8 in. (4.13 cm) hot dip galvanized steel oval neck bolts.
- 9.5. The pole band must be manufactured of hot-dip galvanized steel of ¼ in. (0.635 cm) minimum wall thickness and 1 ½ in. (3.81 cm) section height.

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9.6. "A" Nominal dimension: 6 in.



9.7. Welding: All welding and holes shall be done before galvanizing.

9.8. All hot-dip galvanizing shall be as per ANSI/ASTM A153.

10. Inspection

The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it would not prevent subsequent rejection if such materials are found later to be defective.

11. Proposal Information


11.1. Submitted proposals must include:

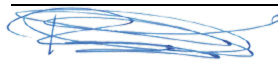
- a. Technical information
- b. Table of Compliance completed by the bidder with reference. (See Appendix 1)


— End of Specification —

Document History

Version	1
Date	06/24/2022
Author	Alex J. Rodríguez
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Approver Manager	Ricardo Castro







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Appendix

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Appendix 1: Table of Compliance

Line	Criteria	Description	Pass/Fail (P/F)	Comments
1	Specification	The Proponent complies with the corresponding specification document 4350.225.		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document. (ANSI / ASTM)		
3	Description	Pole band for attaching secondary racks to tubular poles.		
4	Material	Hot Dip Galvanized Steel. All welding and holes shall be done before galvanizing. Hot dip Galvanized as per ASTM A153		
5	Product Requirement	Must accept a tubular section with diameter range between 6 in. (15.24cm) to 6 5/8 in. (16.83cm)		
6	Product Requirement	Pole band shall consist of two (2) semi-circular pieces made of ¼ in. (0.635 cm) minimum wall thickness and 1 ½ in. (3.81 cm) section height.		
7	Product Requirement	Must include two (2) ½ in. (1.27) X 1 5/8 in. (4.13 cm) hot dip galvanized steel oval neck bolts to attach the two pieces		
8	Product Requirement	Must come equipped with two (2) 5/8 in (1.58 cm) X 2 in. (5.08 cm) hot dip galvanized steel carriage bolts for attaching up to two secondary racks		
9	Warehouse Number:	002-83120		