



Equipment Specification

Document No: 4350.082

Item No.: 002-00725

Asset Suite: 08378

Originating Department: Distribution Engineering



Clamp No. 6 Inches Long Galvanized for Guy with Three 5/8 Inches Bolt

1. Introduction

This is a general specification that covers the minimum requirements for the clamp no. 6 inches long galvanized for guy with three 5/8 inches bolt to be used in 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 LUMA on previous orders, will not have to furnish samples at bid opening. The material will be received at the LUMA's general warehouse (011) at Palo Seco, Puerto Rico. 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 PREPA's and/or 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. Labels and tags shall be waterproof.

5. Equal or Approved Equal to

Hubbell, catalog number 6461; Joslyn Mfg., catalog number J931



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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)

Twenty (20) per package or as required by LUMA Energy.

8. Acceptance Criteria

- 8.1. Test required: certified by external laboratories.
- 8.2. Latest applicable codes, standards, and other regulations: ANSI/ASTM (A36, A153, E380)

9. Description

Galvanized guy clamp with the following characteristics:

- 9.1. Hot-dip galvanized clamp formed by two (2) section high grade steel body, and three (3) high strength steel track nonrotating alternate bolts with reversed cut threads and nuts.
- 9.2. Clamps shall be shipped with bolts ensembled, and alternate bolts reversed. Bolts provided with shouldered track (or similar) to prevent turning when nuts are tightened.
- 9.3. Steel shall be as per ANSI/ASTM A36.
- 9.4. Galvanizing shall be as per ANSI/ASTM A153-80 or latest.
- 9.5. Shall have the following dimensions and hardware:
 - a. Number of grooves: Two for guy wires from 5/16 to 1/2 inch (0.31 to 1.27 cm)
 - b. Width of clamp: From 1-21/32 to 2 inches (4.207 to 5.08 cm) approximately.
 - c. Length of clamp: 6 inches (15.24 cm)
 - d. Bolt size: 5/8 inches (1.59 cm) track type with round head.
 - e. Bolt quantity: 3 bolts



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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 were found later to be defective.

— End of Specification —

Document History

Version	7
Date	04/13/2022
Author	Rodolfo A. Flores
Reviewer	Rafael Torres
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 (4350.082)		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document. (ASTM/ANSI)		
3	Description	The clamp no. 6 inches long galvanized for guy with three 5/8 inches bolt to be used in the distribution system in Puerto Rico.		
4	Characteristics	Hot-dip galvanized clamp formed by two (2) section high grade steel body, and three (3) high strength steel track nonrotating alternate bolts with reversed cut threads and nuts. Clamps shall be shipped with bolts ensembled, and alternate bolts reversed. Bolts provided with shouldered track (or similar) to prevent turning when nuts are tightened.		
5	Dimensions and hardware	Number of grooves: Two for guy wires from 5/16 to 1/2 inch (0.31 to 1.27 cm). Width of clamp: From 1-21/32 to 2 inches (4.207 to 5.08 cm) approximately. Length of clamp: 6 inches (15.24 cm). Bolt size: 5/8 inches (1.59 cm) track type with round head. Bolt quantity: 3 bolts		