



Equipment Specification

Document No.: 4350.172

Originating Department: Distribution Engineering



5/8 in. Threaded Thimbleye Galvanized Anchor Rod

1. Introduction

This is a general specification that covers the minimum requirements for a threaded thimbleye galvanized anchor rod to be used for 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

See table 1 for references.

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.



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7. Number Per Package (Logistics)

One hundred (100) units per crate 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:
 - a. ANSI/ASTM
 - b. EEI

9. Description

- 9.1. 5/8 in. threaded thimbleye galvanized anchor rod.
- 9.2. Steel, hot-dipped galvanized anchor rod as per ANSI/ ASTM A153.
- 9.3. Shall be threaded with one (1) 5/8 in. (1.59 cm) diameter strand eye.
- 9.4. Table 1: Length and other attributes.

Warehouse Number	Asset Suite	Equal or approved equal to	Rod length
002-00246	8364	<ul style="list-style-type: none">- Joslyn Mfg. Catalog No. J7418- AB Chance Co. Catalog No. 5318	8 ft. (2.44 m) long, furnished with one (1) square nut.
002-00220	8363	<ul style="list-style-type: none">- Joslyn Mfg. Catalog No. 57516- AB Chance Co. Catalog No. 5316	6 ft. (1.83 m) long, furnished with one (1) square nut.

- 9.5. Ultimate strength shall not be less than 16,000 lbf (71.17 KN).
- 9.6. Shall conform with ANSI C135 and specification TD-2.

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 —



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Document History

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