



38kV Pole Steel Equipment Arm

Equipment Specification

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Item No.: 026-84099

Originating Dept: Transmission Eng.



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Signature and Date

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1. General

- 1.1. This is a general specification that covers the minimum requirements for 38kV Pole Steel Equipment Arm to be used in the transmission overhead system in Puerto Rico.
- 1.2. Further information will be provided by LUMA Energy at the time of order placement and will provide information on site conditions, quantity, and other requirements.
- 1.3. This document includes the general electrical and mechanical characteristics of the material.

2. Specific Name

- 2.1. 38kV Pole Steel Equipment Arm

3. Basic Use

- 3.1. For installation of 38kV lightning arrester and/or 38kV station post insulator on transmission structure to assemble 38kV Transmission Line Riser.

4. Special Requirements

- 4.1. Samples shall be furnished if requested by LUMA.
- 4.2. LUMA may require one (1) unit properly labeled for testing and analysis.
- 4.3. Descriptive and technical literature shall be supplied if requested by LUMA.

5. Marking and Packaging

- 5.1. 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.

6. Equal or approved equal to:

- 6.1. As approved by LUMA

7. Number per package:

- 7.1. As approved and/or requested by LUMA

8. Acceptance Criteria

- 8.1. Test required: certified by external laboratories.
- 8.2. Shall be designed, rated, and manufactured, and tested in accordance with the latest applicable IEEE, NEMA, ANSI, ASTM, and NEC Standards. If the vendor does not demonstrate its compliance with the applicable standards, these specification requirements and supply the requested documents, the bid may be rejected.
- 8.3. Equipment Arm must be Steel ASTM A36 and hot dip Galvanized as per ANSI/ASTM 153 after all welding, bending, drilling or punching is performed.



- 8.4. Equipment Arm shall be rated to an ultimate vertical load of 1,000 Lbs.
- 8.5. All sharp edges shall be avoided in order to have smooth trims and surfaces all around the equipment arm.

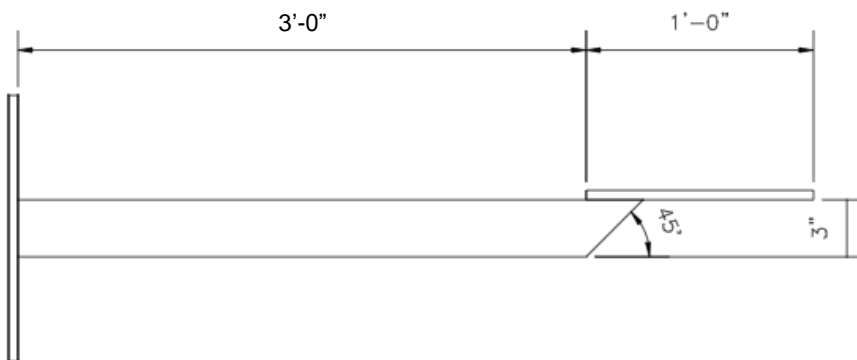
9. Description

- 9.1. Equipment Arm must be Steel ASTM A36, and hot dip galvanized as per ANSI/ASTM 153. Must have a length of 4'-0". Metric conversions as per the latest applicable ASTM Standard.

10. Inspection

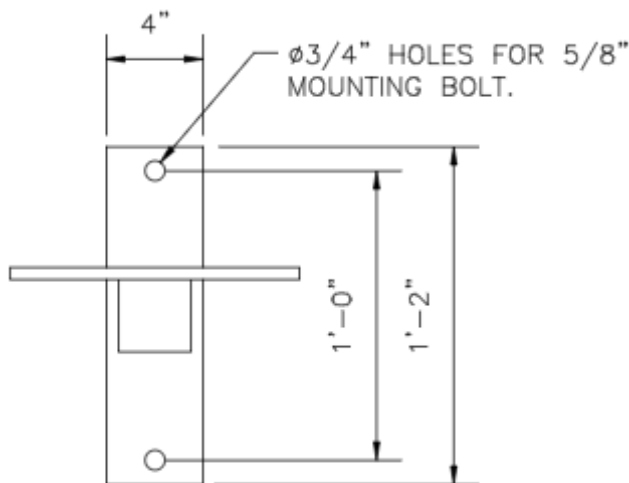
- 10.1. The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it shall not prevent subsequent rejection if such material is found to be defective later.

11. Drawing



SIDE VIEW

N.T.S.



FRONT VIEW

N.T.S.



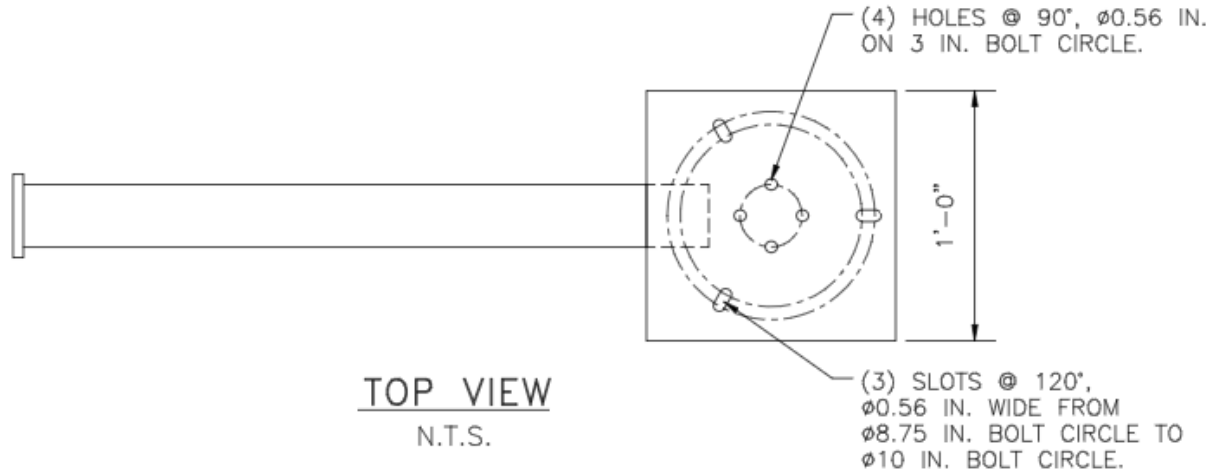
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— End of Specification —












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Final Audit Report

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