



Equipment Specification
Document No.: 4350.247
Item No.: 066-12261
Asset Suite: 03266
Originating Department: Distribution Engineering



Standard Padlock 2 ½ Stainless Steel

1. Introduction

This is a general specification covering the padlock to be used on the distribution system in Puerto Rico. Further information will be provided by LUMA Energy at the time of order placement 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

Master Lock, catalog number 230 KA



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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) units per box or as required by LUMA Energy.

8. Acceptance Criteria

Latest applicable codes, standards, and other regulations.

9. Description

- 9.1. The padlock will be used for equipment protection.
- 9.2. Body material must be heavy duty cast or solid brass.
- 9.3. Shackle material must be stainless steel.
- 9.4. Lock features stainless steel body and shackle for maximum strength and corrosion resistance
- 9.5. The padlock must have five pin-tumblers precision mechanism for high security dual locking levers and spring locking system in stainless steel.
- 9.6. All internal parts must be bronze, brass, or 300 series stainless steel.
- 9.7. The padlock must be identified with the name "A.E.E." engraved in the keys and the body of the padlock.
- 9.8. The key system shall include a control blanket with code #230 Serial No. SR-502. The key shall not be included in the package. The supplier must provide 300 keys for every 1000 padlocks.
- 9.9. Suppliers shall offer a lifetime warranty.
- 9.10. Padlock minimum dimensions:
 - a. Body width: 2-1/2 in (6.35 cm)
 - b. Shackle diameter: 7/16 in (1.11 cm)
 - c. Shackle length: 1 in (2.54 cm)



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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.

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

Date	6/30/2022	
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 (4350.247).		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document.		
3	Material	<ul style="list-style-type: none">• Body material: Heavy Duty Cast or solid brass• Shackle material must be stainless steel.• Lock features stainless steel body and shackle for maximum strength and corrosion resistance• All internal parts must be bronze, brass, or 300 series stainless steel.• The padlock must be identified with the name "A.E.E." engraved in the keys and the body of the padlock.		
4	Operation	<ul style="list-style-type: none">• The padlock must have five pin-tumblers precision mechanism for high security dual locking levers and spring locking system in stainless steel.		
5	Compatibility	<ul style="list-style-type: none">• The key system shall include a control blanket with code #230 Serial No. SR-502. The key shall not be included in the package. The supplier must provide 300 keys for every 1000 padlocks.		
6	Dimensions	<ul style="list-style-type: none">• Body Width: 2-1/2 in (6.35 cm)• Shackle diameter: 7/16 in (1.11 cm)• Shackle length: 1 in (2.54 cm)		