



Document Title:  
**Arc Flash Personal Fall Limiter**

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**Material Specifications**

Document No.:  
**4350.308**

Originating Department:  
**Distribution Standards & Materials**

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**Document History**

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Warehouse Catalog	Item Version	Date
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**Equipment Specification**  
**Document No.:** 4350.308  
**Item No.:** 072-84593  
**Asset Suite:** 84593  
**Originating Department:** Distribution Engineering



## Arc Flash Personal Fall Limiter

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### 1. Introduction

This is a general specification that covers the minimum requirements for the arc flash personal fall limiter 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 PREPA / 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 the 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 the vendor if requested by LUMA Energy.

### 4. Markings

- 4.1. Containers shall be marked outside with LUMA Energy's purchase order and item number.
- 4.2. Packaging labels and tags shall be waterproof.

### 5. Equal or Approved Equal to

- 5.1. MSA Latchways, catalog model 63032-00N
- 5.2. Miller TurboLite (Honeywell), catalog model MFL-11/6FT



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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)**

7.1. Standard package: One (1) per package or as requested 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 359.14 (Class B)

b. ASTM F887

### **9. Description**

9.1. Arc flash personal fall limiter for protection of workers against falls.

9.2. Shall support a user capacity of up to 400 lbs. (181 kg).

9.3. Shall have a working length of at least 6 ft. (1.8 m).

9.4. Housing shall be high impact material.

9.5. Webbing (lifeline) material shall be Kevlar®/Nomex®.

9.6. Shall have two aluminum snap hooks connectors, one at each end of the equipment. One shall be used as an anchorage and the other for harness.

9.7. The breaking and locking mechanism shall be stainless steel.

### **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.



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### **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 —



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# **Appendix**



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### Appendix 1: Table of Compliance

Line	Criteria	Description	Pass/Fail (P/F)
1	Specification	The Proponent complies with the corresponding specification document.	
2	Industry Standards	The Proponent complies with the industry standards established in the specification document. (ANSI, ASTM)	
3	Material	<ul style="list-style-type: none"><li>• Housing: High impact material</li><li>• Webbing: Kevlar®/Nomex®</li><li>• Snap hook connector and anchor: Aluminum</li><li>• Breaking and locking mechanism: Stainless steel</li></ul>	
4	Capacities	<ul style="list-style-type: none"><li>• User capacity: 400 lbs.</li><li>• Working length: 6 ft.</li></ul>	











# 4350.308 Arc Flash Personal Fall Limiter (04-04-2023)

Final Audit Report

2023-04-04

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