



Document Title:
Block and Tackle

Document Type:
Specification

Engineering Type
Material Specification

Document No.:
4350.326

Department
Distribution

Version:
02

Effective Date:
Nov 22, 2023

Shared document with: Others

HSE

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Related/Referenced Documents

N/A.

Version History

Version	Date	Revision
01	09/07/2023	Initial release
02	11/16/2023	Revision to clarify items must be supplied as complete assembly.



Item Version History

Warehouse Catalog #	Asset Suite	Version	Date
072-85288	85288	2	11/16/2023



1. Introduction

This is a general specification that covers the minimum requirements for the block and tackle 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 equipment/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. 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/material shall be supplied by vendor if requested by LUMA Energy.

4. Markings

- 4.1. Wooden crates or packages must be clearly marked on the outside with LUMA Energy's purchase order, warehouse item number, and supplier's part number.
- 4.2. Packaging labels and tags shall be waterproof.

5. Compatible with:

See Table 1 for compatible manufacturers and models. These models are examples of the material(s) described in this document and do not represent a preference. LUMA will evaluate equally any model not listed here during any acquisition event.

6. Packaging

All equipment/material 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)

One (1) assembly per package or as requested by LUMA Energy.

8. Acceptance Criteria

- 8.1. Test required: certified by external laboratories.
- 8.2. The equipment/material shall be manufactured in accordance with the latest applicable standard specifications. When conflicts occur between purchaser's specifications and the standard specifications, the purchaser's specification shall prevail.
- 8.3. Latest applicable codes, standards, and other regulations:
 - a. Safety can shall be FM approved and US & ULC listed. Shall be manufactured in accordance with NFPA and OSHA requirements.

9. Description

- 9.1. Block and tackle used for lifting equipment and materials.
- 9.2. Set shall be composed of two blocks, a swivel hook and rope. It shall be supplied as a complete assembly.
- 9.3. Maximum safe load shall be at least 750 lb.
- 9.4. Rope shall be nylon with a diameter of 3/8 inch and a minimum length of 25 feet.
- 9.5. Swivel hook shall have a throat opening of at least 1-7/8 inch. Material shall be galvanized steel.
- 9.6. Shell blocks shall be galvanized steel with aluminum alloy sheaves containing all-bronze bushings. Both blocks shall be furnished with a keeper on the opening and an extended hook over the keeper.
 - a. One shell block shall have an eye at the bottom to splice the line to the block. It shall also be furnished with a rope tied off at the side.
 - b. The other block shall not have the eye and rope tie off.

10. Inspection

The acceptance of any equipment/material 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 equipment/material 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).

12. Table 1: Warehouse Identification Table

Warehouse Number	Asset Suite	Compatible Manufacturer	Set model	Individual items	Catalog model
072-85288	85288	Klein Tools	H1802-30S	Block with no eye	H267
				Block with eye	H268
				Swivel Hook	259

— End of Specification —



Appendix



Appendix 1: Table of Compliance

Criteria	Description	Pass/Fail (P / F)	Comments
Specification	The Proponent complies with the corresponding specification document (4350.326).		
Industry Standards	The Proponent complies with the industry standards established in the specification document.		
Capacity	750 lb		
Rope	Nylon with a diameter of 3/8 inch and a minimum length of 25 feet.		
Swivel Hook	Throat opening of at least 1-7/8 inch. Material shall be galvanized steel.		
Shell Blocks	Shell blocks shall be galvanized steel with aluminum alloy sheaves containing all-bronze bushings. Both blocks shall be furnished with a keeper on the opening and an extended hook over the keeper.		
	One shell block shall an eye at the bottom to splice the line to the block. It shall also be furnished with a rope tie off at the side.		
	The other block shall not have the eye and rope tie off.		












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Final Audit Report


2023-11-22


Created:	2023-11-17
By:	Rodolfo Flores (rodolfo.floresortiz@lumapr.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAaHr4EFmNwDM0cldgcFwxFpoZ6c6zhpJC

"4350.326 Block and Tackle (11-17-2023)" History

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2023-11-17 - 3:05:21 PM GMT
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2023-11-17 - 5:17:17 PM GMT
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2023-11-17 - 5:19:19 PM GMT
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Signature Date: 2023-11-17 - 5:38:28 PM GMT - Time Source: server
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2023-11-17 - 5:38:29 PM GMT
-  Email viewed by ricardo.castro@lumapr.com
2023-11-22 - 12:34:08 PM GMT

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Signature Date: 2023-11-22 - 12:34:52 PM GMT - Time Source: server

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2023-11-22 - 12:34:52 PM GMT