

# Safety Rail Source®

# NEXTGEN LIFT & LOCK™ ROOF HATCH OPENER

# SPECIFICATIONS

SECTION 077XX

### ROOF ACCESS SAFETY SYSTEM SPECIFICATION

### **PART ONE - GENERAL**

### 1.01 SUMMARY

- A. Work included: Furnishing and installing factory fabricated roof hatch remote operators (referred to hereinafter as "the device").
- B. Related Work: Roof hatch and access ladder installation.

### 1.02 REFERENCES

A. American Society for Testing and Materials (ASTM), 100 Bar Harbor Drive, West Conshocken, PA 19428-2959; (610) 832-9585, fax (610) 832-9555

1. ASTM A 36-93a: Standard Specification for Structural Steel

### 1.03 SUBMITTALS

- A. Product Data: Provide manufacturer's product data for all materials in this specification.
- B. Shop Drawings: Show profiles, accessories, location, and dimensions.
- C. Samples: Manufacturer to provide upon request; sized to represent material adequately.
- D. Provide roof access safety system manufacturer's standard Warranty.

### 1.04 PRODUCT HANDLING

- A. All materials shall be delivered in manufacturer's original packaging.
- B. Store materials in a dry, protected, well-vented area. The contractor shall thoroughly inspect product upon receipt and report damaged material immediately to delivering carrier and note such damage on the carrier's freight bill of lading.
- C. Remove all protective wrapping immediately before installation.

# 1.05 SUBSTITUTIONS

A. Proposals for substitution products shall be accepted only from bidding contractors and not less than (10) working days before bid due date. Contractor guarantees that proposed substitution shall meet the performance and quality standards of this specification.

### 1.06 JOB CONDITIONS

- A. Verify that other trades with related work are complete before installing device.
- B. Mounting surfaces shall be straight and secure; substrates shall be of proper width.
- C. Refer to the construction documents, shop drawings, and manufacturer's installation instructions.
- D. Observe all appropriate OSHA safety guidelines for this work.

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# **SPECIFICATIONS**

## 1.07 WARRANTY/GUARANTEE

A. Manufacturer's standard warranty: Materials shall be free of defects in material and workmanship for a period of five years from the date of purchase. Should a part fail to function in normal use within this period, manufacturer shall furnish a new part at no charge. Electrical motors, special finishes, and other special equipment (if applicable) shall be warranted separately by the manufacturers of those products.

## **PART TWO - PRODUCTS**

### 2.01 MANUFACTURER

A. Belmont Safety Products, LLC2735 Commerce Drive, Columbia, SC 292601-803-297-2449, Web: www.belmontsafetyproducts.com

### 2.02 ROOF HATCH REMOTE OPERATOR

- A. Furnish and install where indicated on plans one device (BSP1 or BSP1b), as specified.
- B. Basis of device design: The device is intended to be attached to a standard OSHA compliant fixed vertical ladder and to open and close, lock and unlock a nominal 30" x 36" standard manufactured roof access hatch.
- C. Finishes: Factory finish shall be black or yellow powdercoat, varying by component. The upper lifting tube of the device shall have a textured grip surface on the top 18" minimum.

### **PART THREE - EXECUTION**

### 3.01 INSPECTION

A. Verify that the device installation will not disrupt other trades. Verify that the roof hatch and access ladder have been properly installed and ready for addition of the device. Report and correct defects prior to any installation.

### 3.02 INSTALLATION

- A. Submit product design drawings for review and approval to the architect or specifier before fabrication.
- B. The installer shall check as-built conditions and verify the manufacturer's roof hatch details for accuracy to fit the application prior to fabrication. The installer shall comply with the device's Manufacturer's installation instructions.

**END OF SECTION 077XX**