



## FALL PROTECTION LADDER DAVIT

### **PART 1 GENERAL**

#### 1.1 SECTION INCLUDES

- A. Ladder Fall Protection Ladder Davit
- B. Accessories. (Harness, Self-Retracting Lifeline, Tag Line)

#### 1.2 RELATED SECTIONS

- A. Ladders

#### 1.3 REFERENCES

- A. Occupational Safety & Health Administration (OSHA):
  - 1. 29 CFR 1910.28(b)(9)(i) – Duty to Have Fall Protection Walking-Working Surfaces
  - 2. 29 CFR 1926.500 - Scope, Application, And Definitions Applicable to this Subpart.
  - 3. 29 CFR 1926.501 - Duty to Have Fall Protection.
  - 4. 29 CFR 1926.502 - Fall Protection Systems Criteria and Practices.
  - 5. 29 CFR 1926.503 - Training Requirements.

#### 1.1 SUBMITTALS

- A. Submittals for Review:
  - 1. Shop Drawings: Indicate fall protection, locations, attachments, and relationship to adjacent construction.
  - 2. Product Data: Manufacturer's descriptive data including components, materials, and finishes.

#### 1.2 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm specializing in design and fabrication of fall protection systems for structures with minimum 15 years' experience.
- B. Manufacturer shall have specific liability insurance (products and completed operations) in an amount of not less than \$9,000,000.

### 1.3 INFORMATIONAL SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.

### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to the job site in good condition and adequately protected against damage as the Ladder Davit is a finished product.
- B. Inspect Ladder Davit for damage before signing the receipt from the trucking company. Truck driver must note damaged goods on the bill of lading if damaged product is found.

## **PART 2 PRODUCTS**

### 2.1 MANUFACTURERS

- A. Contract Documents are based on products by HySafe, 960 Commerce Drive, Union Grove, WI 53182, phone (800) 642-0775, Fax (262) 752-2410, email [info@HySafe.com](mailto:info@HySafe.com), website [www.HySafe.com](http://www.HySafe.com)
- B. Substitutions: Not permitted

### 2.2 SYSTEMS

- A. Ladder Davit FSA LDVT
  - 1. Tube Steel: ASTM A500 Grade B
  - 2. Plate: ASTM A36
  - 3. Upper Section: 3'-8"
  - 4. Lower Section: 5'-0"
  - 5. Total Height: 9' 2-3/4"
  - 6. Reach: 1'-0"
  - 1. Finish: Powder coated safety yellow unless specified otherwise.
- B. Hardware
  - 1. (7) 3/8" Extended Length U-Bols with (4) Nuts, Galvanized
  - 1. (3) 1/2" x 3-1/4" Hex Head Cap Screws, 18-8 Stainless Steel
  - 2. (6) 1/2" Flat Washer, 18-8 Stainless Steel
  - 3. (3) 1/2" Nylon Insert Locknut, 18-8 Stainless Steel

### 2.3 ACCESSORIES

- A. Harness by HySafe FS 5210P
- B. Self Retracting Lifeline by HySafe
- C. Tag Line by HySafe

## 2.4 FINISHES

- A. Finish: Powder coat.
- B. Color: Safety yellow.

## 2.5 FABRICATION

- A. Ensure that all welds are as specified on drawing and no grinding of the weld on fillet welds.

# **PART 3 EXECUTION**

## 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

## 3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Before installation, inspect all parts to insure no damaged parts are used.
- C. Ladder Davit must be secured to four rungs of ladder.

## 3.3 PROTECTION

- A. Protect installed products until completion of project.

## 1.1 MAINTENANCE, INSPECTION AND TESTING

- A. Provide manufacturer maintenance, inspection, and testing instructions.
- B. Provide documentation that is consistent with applicable OSHA and ANSI standards.

END OF SECTION