

SECTIONS 05.51.00, 07.72.00, 08.31.00**SAFETY POST FOR FIXED VERTICAL LADDERS USED WITH ROOF HATCHES AND FLOOR DOORS****PART 1 - GENERAL****1.1 SUMMARY**

- A. Section includes: Furnishing and installing safety post for fixed ladders in roof hatches and floor doors.
- B. Related Sections: Section 07 72 33 Roof Hatches; Section 05 51 33 Metal Ladders

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM A36/A36M: Standard Specification for Structural Steel

1.3 SUBMITTALS

- A. Shop Drawings: Show profiles, hardware, accessories, location and dimensions.
- B. Samples: Manufacturer to provide upon request, size to represent material adequately.
- C. Manufacturer's Installation Instructions: Indicate installation requirements.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to Project site ready use.
- B. Exercise proper care in handling of Work so as not to disrupt finished surfaces.
- C. Store materials under cover in a dry and clean location off the ground.

1.5 JOB CONDITIONS AND SEQUENCING

- A. Coordinate with other trades any related work to avoid delay.
- B. Provide inserts and anchoring devices that will be built into other Work for installation of Safety Post.
- C. Observe all appropriate OSHA safety guidelines for this work.

1.6 WARRANTY

Provide manufacturer's standard warranty. All safety posts shall be free from manufacturing defects in materials and workmanship for a period of five (5) years from the date of shipment. Should a product fail to function in normal use within this period, manufacturer shall furnish a new part at no charge

PART 2 - PRODUCTS**2.1 MANUFACTURER**

- 1. Babcock-Davis
9300 73rd Avenue North
Brooklyn Park, MN 55428

Available exclusively through Logistics Lighting with an extended warranty and National Account pricing. Contact for quotes or product questions: Sales@LogisticsLighting.com or 307-633-9696 or Toll-Free at 844-455-7283 website: www.LogisticsLighting.com

2.2 SAFETY POST FOR FIXED LADDERS

A. Safety Post, Steel, Yellow Powder Coat

1. Performance Requirements: Fabricate safety post to comply with OSHA 29 CFR 1910.23 for fixed ladders. Must support 200 pound load.
2. Post: 1 1/2" x 1 1/2" Steel square tubing- high strength. A pull up loop shall be provided at the upper end of the post to facilitate raising the post.
3. Finish: Powder coat paint, Safety Yellow.
4. Spring assist: Stainless steel balancing spring mechanism shall be provided to provide smooth, easy, controlled operation when raising and lowering the safety post.
5. Hardware: All mounting hardware shall be stainless steel.
6. Acceptable Product Model: BSPY

B. Safety Post, Steel, Hot Dip Galvanized

1. Performance Requirements: Fabricate safety post to comply with OSHA 29 CFR 1910.23 for fixed ladders. Must support 200 pound load.
2. Post: 1 1/2" x 1 1/2" Steel square tubing- high strength. A pull up loop shall be provided at the upper end of the post to facilitate raising the post.
3. Finish: Hot Dip Galvanized
4. Spring assist: Stainless steel balancing spring mechanism shall be provided to provide smooth, easy, controlled operation when raising and lowering the safety post.
5. Hardware: All mounting hardware shall be stainless steel.
6. Acceptable Product Model: BSPG

C. Safety Post, Aluminum

1. Performance Requirements: Fabricate safety post to comply with OSHA 29 CFR 1910.23 for fixed ladders. Must support 200 pound load.
2. Post: 1 1/2" x 1 1/2" aluminum square tubing- high strength. A pull up loop shall be provided at the upper end of the post to facilitate raising the post.
3. Finish: Mill
4. Spring assist: Stainless steel balancing spring mechanism shall be provided to provide smooth, easy, controlled operation when raising and lowering the safety post.
5. Hardware: All mounting hardware shall be stainless steel.
6. Acceptable Product Model: BSPA

D. Safety Post, Stainless Steel Type 304

1. Performance Requirements: Fabricate safety post to comply with OSHA 29 CFR 1910.23 for fixed ladders. Must support 200 pound load.
2. Post: 1 1/2" x 1 1/2" Type 304 stainless steel square tubing- high strength. A pull up loop shall be provided at the upper end of the post to facilitate raising the post.
3. Finish: Mill
4. Spring assist: Stainless steel balancing spring mechanism shall be provided to provide smooth, easy, controlled operation when raising and lowering the safety post.
5. Hardware: All mounting hardware shall be stainless steel.
6. Acceptable Product Model: BSPS

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that preparation and affected dimensions are acceptable and will not disrupt other trades.
- B. Verify that the ladder rungs are dry, clean and free of foreign matter.
- C. Verify tolerances and correct improper conditions.

3.2 PREPARATION

- A. Advise installers of details relating to safety post locations of supports, and anchoring methods.

3.3 INSTALLATION

- A. Follow manufacturer's instructions for installing safety post.
- B. The manufacturer shall furnish fasteners necessary for installing ladder safety post on ladder rungs, reinforcing if hollow. Secure rigidly in place.

3.4 CLEAN AND ADJUST

- A. Clean adjacent surfaces and remove unused product and debris from site.

END OF SECTION

SECTION 05.51.00, 07.72.00, 08.31.00