

3-PART CSI MASTERFORMAT SPECIFICATION
SECTION 07 72 33 or SECTION 05 52 13
ROOF ACCESSORIES: SAFETY RAILINGS

GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Accessory Products for Roof Top Products
 - a. Safety Railings

1.2 REFERENCES

- A. Division 05 for ladders and stairs
- B. Division 07 for roofing and sealants.

1.3 SUBMITTALS

- A. Shop Drawings: Indicate configuration and dimension of components, adjacent construction, required clearances and tolerances, and other affected Work.
 - 1. General: Show connections of units and hardware to other Work. Include schedules showing location of each type and size of unit.
- B. Product Data: Manufacturer's technical data for each type of hatch assembly, including setting drawings, templates, finish requirements, and details of anchorage devices.
- C. Contract Closeout Submittals
 - 1. Installation, Operating & Maintenance manuals

1.4 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Manufacturer/Installer: Company specializing in manufacturing and installation of components specified in this Section with minimum of 5 years documented experience.

1.5 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.

1.6 WARRANTY

- A. Provide manufacturer's standard 5 year warranty. All safety railings 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 replacement or new part at manufacturers' discretion.

PART 2 - PRODUCTS

2.1 MANUFACTURER

A. Babcock-Davis

9300 73rd Ave N.

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 RAILINGS

A. Safety Railing System: Model SRC Roof-hatch manufacturer's standard system including rails, clamps, fasteners, safety barrier at railing opening, and accessories required for a complete installation; attached to roof hatch and complying with OSHA 29 CFR 1910.29 & 29 CFR 1910.28 requirements and authorities having jurisdiction.

1. Height: **42 inches (1060 mm)** above finished roof deck.
2. Rails:
 - a. Aluminum pipe, **1-1/4 inch (31 mm)**, **1.66 inch (42 mm)** outside diameter, schedule 40 6061 T6 alloy pipe.
 - b. Fittings: Cast aluminum 5052-H32 alloy with set screw hold.
 - c. Mounting Brackets: **3/16 inch (4.75 mm)** steel, zinc plated with nut backing plate.
 - d. Exit: Self-closing gate, **1-1/4 inch (32 mm)** aluminum, self-closing with coil spring.

PART 3 - EXECUTION

3.1 ADJUSTING

- A. Adjust movable parts for smooth operation.
- B. Operational Units: Test-operate units with operable components. Clean and lubricate joints and hardware. Adjust for proper operation.

3.2 CLEANING

- A. Clean exposed surfaces per manufacturer's written instructions. Touch up damaged metal coatings.

END OF SECTION
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