

**SECTION 055133  
METAL LADDERS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Prefabricated ladders.
- B. Prefabricated ship ladders.

**1.02 REFERENCE STANDARDS**

- A. ANSI A14.3 - American National Standard for Ladders -- Fixed -- Safety Requirements; 2008 (Reaffirmed 2018).
- B. IAS AC172 - Accreditation Criteria for Fabricator Inspection Programs for Structural Steel AC172; 2019, with Editorial Revision (2025).

**1.03 SUBMITTALS**

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings:
  - 1. Indicate profiles, sizes, connection attachments, reinforcing, anchorage, size and type of fasteners, and accessories. Include erection drawings, elevations, and details where applicable.
- C. Fabricator's Qualification Statement: Provide documentation showing steel fabricator is accredited under IAS AC172.
- D. Specimen warranty.
- E. Executed warranty.

**1.04 WARRANTY**

- A. See Section 017800 - Closeout Submittals for additional warranty requirements.
- B. Manufacturer Warranty: Provide 5-year manufacturer warranty for material and workmanship. Complete forms in Owner's name and register with manufacturer.

**PART 2 PRODUCTS**

**2.01 PREFABRICATED LADDERS**

- A. Prefabricated Ship Ladder: Welded metal unit complying with ANSI A14.3; factory fabricated to greatest degree practical and in the largest components possible.
  - 1. Components: Manufacturer's standard rails, rungs, treads, handrails, returns, platforms and safety devices complying with the requirements of the MATERIALS article of this section.
  - 2. Finish: Stainless steel; No. 1 finish.
  - 3. Manufacturers:
    - a. ErectaStep, a SixAxis company; ErectaStep - Ships Ladder: [www.erectastep.com/#sle](http://www.erectastep.com/#sle).
    - b. Alaco Ladder Company; M Series Ships Ladder: [www.alacoladder.com/#sle](http://www.alacoladder.com/#sle).
    - c. O'Keeffe's Inc; Model 520: [www.okeeffes.com/#sle](http://www.okeeffes.com/#sle).
    - d. Precision Ladders, LLC; Aluminum Ship Stairs: [www.precisionladders.com/#sle](http://www.precisionladders.com/#sle).
    - e. Substitutions: See Section 016000 - Product Requirements.

**PART 3 EXECUTION**

**3.01 EXAMINATION**

- A. Verify that field conditions are acceptable and are ready to receive work.

**3.02 INSTALLATION**

- A. Install items plumb and level, accurately fitted, free from distortion or defects.

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- B. Provide for erection loads, and for sufficient temporary bracing to maintain true alignment until completion of erection and installation of permanent attachments.
- C. Obtain approval prior to site cutting or making adjustments not scheduled.

**END OF SECTION**