



Standard Specification for Steel Emergency Gear Stowage Locker¹

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1. Scope

1.1 This specification covers the design, material, and manufacture of steel emergency gear stowage lockers.

1.2 Emergency gear lockers shall be of four types (see Section 3).

1.3 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 ASTM Standards:²

A36/A36M Specification for Carbon Structural Steel
A276 Specification for Stainless Steel Bars and Shapes
A1008/A1008M Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable
A513 Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing
A563 Specification for Carbon and Alloy Steel Nuts (Metric)
A0563_A0563M
B36/B36M Specification for Brass Plate, Sheet, Strip, And Rolled Bar
B124/B124M Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes
B176 Specification for Copper-Alloy Die Castings

2.2 ANSI Standards:³

ANSI B18.1.1 Small Solid Rivets
ANSI B18.6.3 Slotted and Recessed Head Machine Screws and Machine Screw Nuts
ANSI B18.21.1 Lock Washers
ANSI B27.2 Plain Washers
2.3 Other Documents:
ABS Rules for Building and Classing Steel Vessels⁴
SSPC Specification 6⁵
AWS D1.1 Welding Code⁶

3. Classification

3.1 Emergency gear lockers shall be classified in four types as follows:

3.1.1 *Type 1*—For stowage of one complete fireman's outfit, conforming to all requirements of all sections, figures, and details of this specification.

3.1.2 *Type 2*—For stowage of two complete firemen's outfits, conforming to all requirements of all sections, figures, and details of this specification.

3.1.3 *Type 3*—For stowage of one complete fireman's outfit, with locker dimensions in accordance with **Figs. 2-4** (dimensions only), and conforming to the requirements of **3.2, 3.3, 4.1, 5.2.4**, and Sections **6** and **7** inclusive.

3.1.4 *Type 4*—For stowage of two complete firemen's outfits, with locker dimensions in accordance with **Figs. 2-4** (dimensions only), and conforming to the requirements of **3.2, 3.3, 4.1, 5.2.4**, and Sections **6** and **7** inclusive.

3.2 One complete fireman's outfit shall consist of the following emergency gear (not included in this specification):

3.2.1 Self-contained breathing apparatus (24 by 14 by 11 in. (610 by 355 by 280 mm)).

3.2.2 Recharge air tank (7-in. (180-mm) diameter by 22 in. (560 mm) long).

3.2.3 Set protective clothing, including helmet, gloves, and boots.

¹ This specification is under the jurisdiction of ASTM Committee F25 on Ships and Marine Technology and is the direct responsibility of Subcommittee F25.03 on Outfitting and Deck Machinery.

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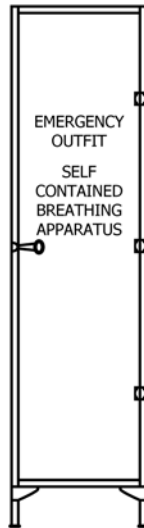
² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.

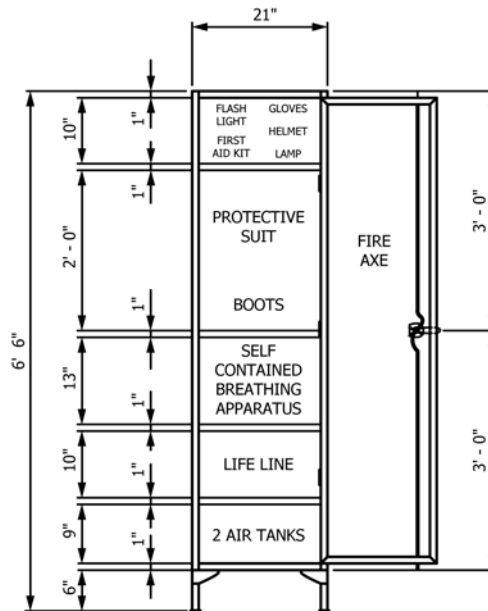
⁴ Available from American Bureau of Shipping (ABS), ABS Plaza, 16855 Northchase Dr., Houston, TX 77060, <http://www.eagle.org>.

⁵ Available from Society for Protective Coatings (SSPC), 800 Trumbull Dr., Pittsburgh, PA 15205, <http://www.sspc.org>.

⁶ Available from American Welding Society (AWS), 8669 NW 36 St., #130, Miami, FL 33166-6672, <http://www.aws.org>.



ELEVATION - LOCKER TYPE



GENERAL ARRANGEMENT

NOTE 1—1 in. = 25.4 mm.

NOTE 2—Approximately 2-in. high red lettering typical.

FIG. 1 Emergency Gear Stowage Locker—Type 1

3.2.4 Lifeline (150 ft (45 m), 18 by 18 by 10 in. (455 by 455 by 255 mm)).

3.2.5 Three-cell, explosion-proof flashlight with spare cells.

3.2.6 Flame safety lamp.

3.2.7 Fire axe.

3.3 In addition to the equipment listed in 3.2, each locker shall contain space for the following (not part of this specification):

3.3.1 First-aid kit, (1), (10 by 10 by 7 in. (255 by 255 by 180 mm)).

3.3.2 Spare air tanks, as space allows (see Figs. 2-4).

4. Ordering Information

4.1 Order using this ASTM designation, year of issue, locker type, and finish.

5. Materials and Manufacture

5.1 *Materials*—Materials shall be as specified in Table 1.

5.2 *Manufacture*: