



Standard Specification for Steel Emergency Gear Stowage Locker¹

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ε¹ NOTE—Keywords added editorially in October 2000.

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 the standard. The values given in parentheses are for information only.

2. Referenced Documents

2.1 ASTM Standards:

A 36/A36M Specification for Carbon Structural Steel²

A 276 Specification for Stainless Steel Bars and Shapes³

A 366/A366M Specification for Commercial Steel (CS) Sheet, Carbon (0.15 Maximum Percent) Cold-Rolled⁴

A 513 Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing⁵

A 563 Specification for Carbon and Alloy Steel Nuts⁵

B 36 Specification for Brass Plate, Sheet, Strip, and Rolled Bar⁶

B 124 Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes⁶

B 176 Specification for Copper-Alloy Die Castings⁶

2.2 ANSI Standards:

B18.1.1 Small Solid Rivets⁷

B18.6.3 Slotted and Recessed Head Machine Screws and Machine Screw Nuts⁷

B18.21.1 Lock Washers⁷

B27.2 Plain Washers⁷

2.3 Other Documents:

ABS Rules for Building and Classing Steel Vessels⁸

SSPC Specification 6⁹

AWS D1.1 Welding Code¹⁰

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, 3, and 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, 3, and 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.

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.

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² Annual Book of ASTM Standards, Vol 01.04.

³ Annual Book of ASTM Standards, Vol 01.05.

⁴ Annual Book of ASTM Standards, Vol 01.03.

⁵ Annual Book of ASTM Standards, Vol 15.08.

⁶ Annual Book of ASTM Standards, Vol 02.01.

⁷ Available from American National Standards Institute, 11 W. 42nd St., 13th Floor, New York, NY 10036.

⁸ Available from American Bureau of Shipping, 2 World Trade Center, 106th Floor, New York, NY 10048.

⁹ Available from Steel Structures Painting Council, 4400 5th Ave., Pittsburgh, PA 15213.

¹⁰ Available from American Welding Society, 550 N.W. Le Jeune Rd., Miami, FL 33135.