



Standard Specification for Tables, Mess, Marine, Steel¹

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1. Scope

1.1 This specification covers the construction of round, square, and rectangular marine mess tables with or without adjustable lee rails for use in crew, officer, and passenger dining areas aboard ship.

1.2 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.

2. Referenced Documents

2.1 ASTM Standards:²

[A53/A53M Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless](#)

[A167 Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip \(Withdrawn 2014\)³](#)

[A240/A240M Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications](#)

[A366/A366M Specification for Commercial Steel \(CS\) Sheet, Carbon, \(0.15 Maximum Percent\) Cold-Rolled \(Withdrawn 2000\)³](#)

[A500 Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes](#)

[A501 Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing](#)

[A567/A567M Specification for Castings, Iron, Cobalt, and Nickel-Base Alloy, for High Strength at Elevated Temperatures \(Withdrawn 1987\)³](#)

[A582/A582M Specification for Free-Machining Stainless Steel Bars](#)

[B221 Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes](#)

[D907 Terminology of Adhesives](#)

[2.2 NEMA Specification:⁴](#)

[NEMA LD-3 High Pressure Decorative Laminates](#)

[2.3 AISC Manual:⁵](#)

[AISC Wire and Sheet Metal Gauges Equivalent Thickness in Decimals of an Inch, U.S. Standard Gauge \(USSG\) for Uncoated Hot and Cold Rolled Sheets](#)

3. Terminology

3.1 Definitions of Terms Specific to This Standard:

3.1.1 *mess table*—a dining table for use in crew, officer, or passenger dining areas, consisting of a horizontal top assembly and one or more supporting pedestals.

3.1.2 *table top*—the assembled horizontal surface of the mess table including the substrate, top covering, lee rails, and edge binder, or all of the preceding.

3.1.2.1 *substrate*—the structural core of the top assembly.

3.1.2.2 *top covering*—the decorative melamine laminate attached to the top surface of the substrate.

3.1.2.3 *lee rails*:

(1) *fixed lee rail*—a trim piece at the edge of the table top that projects above the upper surface of the table top to retain tableware and act as an edge binder.

(2) *adjustable lee rail*—a trim piece at the edge of the table top that can be raised above the upper surface of the table top to retain tableware and can be retracted when not needed.

3.1.2.4 *edge binder*—the finishing strips of metal applied to the edge of the table top.

3.1.2.5 *cleanout*—an interruption in the raised portion of the lee rail to facilitate cleaning of table top.

3.1.2.6 *pedestal*—a round or square tubular column, or stanchion, that supports the table top. Each pedestal has a table-support plate at its upper end and provisions at the bottom for attaching to the structural deck.

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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 The last approved version of this historical standard is referenced on www.astm.org.

⁴ Available from National Electrical Manufacturers Association (NEMA), 1300 N. 17th St., Suite 900, Arlington, VA 22209, <http://www.nema.org>.

⁵ Available from American Institute of Steel Construction (AISC), 130 E. Randolph St., Suite 2000, Chicago, IL 60601-6219, <http://www.aisc.org>.