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SECTION ONE

Iron and Steel Products



VOLUME 01.02

Ferrous Castings; Ferroalloys

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Contents

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STANDARDS RELATING TO FERROUS CASTINGS; FERROALLOYS

A complete Subject Index appears at the end of this volume.

Listed below are those standards included in this volume(s) and those standards that have appeared previously which have been discontinued within the past three years.

In the serial designations prefixed to the following titles, the number following the dash indicates the year of original adoption as standard or, in the case of revision, the year of last revision. Thus, standards adopted or revised during the year 2004 have as their final number, 04. A letter following this number indicates more than one revision during that year, that is, 04a indicates the second revision in 2004, 04b, the third revision, etc. Standards that have been reapproved without change are indicated by the year of last reapproval in parentheses as part of the designation number, for example, (2004). A superscript epsilon indicates an editorial change since the last revision or reapproval—^{ε1} for the first change, ^{ε2} for the second change, etc.

§A 27 / A 27M - 03	Specification for Steel Castings, Carbon, for General Application
‡§A 47 / A 47M - 99	Specification for Ferritic Malleable Iron Castings
§A 48 / A 48M - 00	Specification for Gray Iron Castings
§A 74 - 03b	Specification for Cast Iron Soil Pipe and Fittings
*A 99 - 03	Specification for Ferromanganese
A 100 - 93(2000)	Specification for Ferrosilicon
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A 102 - 93(2000)	Specification for Ferrovandium
§A 126 - 95(2001)	Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings
§A 128 / A 128M - 93(2003)	Specification for Steel Castings, Austenitic Manganese
A 132 - 89(2000)	Specification for Ferromolybdenum
A 144 - 02	Specification for Ferrotungsten
A 146 - 64(2000)	Specification for Molybdenum Oxide Products
§A 148 / A 148M - 03	Specification for Steel Castings, High Strength, for Structural Purposes
§A 159 - 83(2001)	Specification for Automotive Gray Iron Castings
§A 197 / A 197M - 00	Specification for Cupola Malleable Iron
‡§A 216 / A 216M - 93(2003)	Specification for Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service
‡§A 217 / A 217M - 02	Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service
§A 220 / A 220M - 99	Specification for Pearlitic Malleable Iron
§A 247 - 67(1998)	Test Method for Evaluating the Microstructure of Graphite in Iron Castings
§A 278M	Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 350°C (Discontinued 2001†) Replaced by A 278/A 278M
‡§A 278 / A 278M - 01	Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650°F (350°C)
A 297 / A 297M - 97(2003)	Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application
A 319 - 71(2001)	Specification for Gray Iron Castings for Elevated Temperatures for Non-Pressure Containing Parts
A 323 - 93(2000)	Specification for Ferroboreon
A 324 - 73(2000)	Specification for Ferrotitanium
§A 327 - 91(1997)	Test Methods for Impact Testing of Cast Irons

§Approved for use by agencies of the Department of Defense and, if indicated on the standard, replaces corresponding Federal or Military document. Consult the DoD Index of Specifications and Standards for the specific year of issue which has been adopted by the Department of Defense.

‡Adopted by or under consideration for adoption by the Boiler and Pressure Vessel Committee of the American Society of Mechanical Engineers. The ASME Boiler and Pressure Vessel Code Specifications are identical with or based upon these ASTM Specifications.

*Adopted by American National Standards Institute.

†Although this standard has been officially withdrawn from Society approval, a brief description is included for information only.

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*§A 351 / A 351M - 03	Specification for Castings, Austenitic, Austenitic-Ferritic (Duplex), for Pressure-Containing Parts
§A 352 / A 352M - 03	Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service
A 356 / A 356M - 98(2003)	Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines
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*§A 370 - 03a	Test Methods and Definitions for Mechanical Testing of Steel Products
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*A 447 / A 447M - 93(2003)	Specification for Steel Castings, Chromium-Nickel-Iron Alloy (25-12 Class), for High-Temperature Service
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RELATED MATERIAL