

Volume 01.02, January 2007
Ferrous Castings; Ferroalloys

Standards and Related Materials Contained in this Volume:

[\(Click here for a list of withdrawn standards\)](#)

- [A27/A27M-05 Standard Specification for Steel Castings, Carbon, for General Application - \(View Full Text\)](#)
- [A47/A47M-99\(2004\) Standard Specification for Ferritic Malleable Iron Castings - \(View Full Text\)](#)
- [A48/A48M-03 Standard Specification for Gray Iron Castings - \(View Full Text\)](#)
- [A74-06 Standard Specification for Cast Iron Soil Pipe and Fittings - \(View Full Text\)](#)
- [A99-03 Standard Specification for Ferromanganese - \(View Full Text\)](#)
- [A100-04 Standard Specification for Ferrosilicon - \(View Full Text\)](#)
- [A101-04 Standard Specification for Ferrochromium - \(View Full Text\)](#)
- [A102-04 Standard Specification for Ferrovandium - \(View Full Text\)](#)
- [A126-04 Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings - \(View Full Text\)](#)
- [A128/A128M-93\(2003\) Standard Specification for Steel Castings, Austenitic Manganese - \(View Full Text\)](#)
- [A132-04 Standard Specification for Ferromolybdenum - \(View Full Text\)](#)
- [A144-04 Specification for Ferrotungsten - \(View Full Text\)](#)
- [A146-04 Standard Specification for Molybdenum Oxide Products - \(View Full Text\)](#)
- [A148/A148M-05 Standard Specification for Steel Castings, High Strength, for Structural Purposes - \(View Full Text\)](#)
- [A159-83\(2006\) Standard Specification for Automotive Gray Iron Castings - \(View Full Text\)](#)
- [A197/A197M-00\(2006\) Standard Specification for Cupola Malleable Iron - \(View Full Text\)](#)
- [A216/A216M-04 Standard Specification for Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service - \(View Full Text\)](#)
- [A217/A217M-04 Standard Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service - \(View Full Text\)](#)
- [A220/A220M-99\(2004\) Standard Specification for Pearlitic Malleable Iron - \(View Full Text\)](#)
- [A247-06 Standard Test Method for Evaluating the Microstructure of Graphite in Iron Castings - \(View Full Text\)](#)
- [A278/A278M-01\(2006\) Standard Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650°F \(350°C\) - \(View Full Text\)](#)
- [A297/A297M-97\(2003\) Standard Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application - \(View Full Text\)](#)
- [A319-71\(2006\) Standard Specification for Gray Iron Castings for Elevated Temperatures for Non-Pressure Containing Parts - \(View Full Text\)](#)

[A323-05 Standard Specification for Ferroboron - \(View Full Text\)](#)

[A324-73\(2004\) Standard Specification for Ferrotitanium - \(View Full Text\)](#)

[A327-91\(2006\) Standard Test Methods for Impact Testing of Cast Irons - \(View Full Text\)](#)

[A327M-91\(2006\) Standard Test Methods for Impact Testing of Cast Irons \(Metric\) - \(View Full Text\)](#)

[A338-84\(2004\) Standard Specification for Malleable Iron Flanges, Pipe Fittings, and Valve Parts for Railroad, Marine, and Other Heavy Duty Service at Temperatures Up to 650°F \(345°C\) - \(View Full Text\)](#)

[A351/A351M-06 Standard Specification for Castings, Austenitic, for Pressure-Containing Parts - \(View Full Text\)](#)

[A352/A352M-06 Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service - \(View Full Text\)](#)

[A356/A356M-05 Standard Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines - \(View Full Text\)](#)

[A367-60\(2005\) Standard Test Methods of Chill Testing of Cast Iron - \(View Full Text\)](#)

[A370-06 Standard Test Methods and Definitions for Mechanical Testing of Steel Products - \(View Full Text\)](#)

[A377-03 Standard Index of Specifications for Ductile-Iron Pressure Pipe - \(View Full Text\)](#)

[A389/A389M-03 Standard Specification for Steel Castings, Alloy, Specially Heat-Treated, for Pressure-Containing Parts, Suitable for High-Temperature Service - \(View Full Text\)](#)

[A395/A395M-99\(2004\) Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures - \(View Full Text\)](#)

[A426/A426M-05 Standard Specification for Centrifugally Cast Ferritic Alloy Steel Pipe for High-Temperature Service - \(View Full Text\)](#)

[A436-84\(2006\) Standard Specification for Austenitic Gray Iron Castings - \(View Full Text\)](#)

[A439-83\(2004\) Standard Specification for Austenitic Ductile Iron Castings - \(View Full Text\)](#)

[A447/A447M-93\(2003\) Standard Specification for Steel Castings, Chromium-Nickel-Iron Alloy \(25-12 Class\), for High-Temperature Service - \(View Full Text\)](#)

[A451/A451M-06 Standard Specification for Centrifugally Cast Austenitic Steel Pipe for High-Temperature Service - \(View Full Text\)](#)

[A476/A476M-00\(2005\) Standard Specification for Ductile Iron Castings for Paper Mill Dryer Rolls - \(View Full Text\)](#)

[A481-05 Standard Specification for Chromium Metal - \(View Full Text\)](#)

[A482-05 Standard Specification for Ferrochrome-Silicon - \(View Full Text\)](#)

[A483-04 Standard Specification for Silicomanganese - \(View Full Text\)](#)

[A487/A487M-93\(2003\) Standard Specification for Steel Castings Suitable for Pressure Service - \(View Full Text\)](#)

[A488/A488M-06 Standard Practice for Steel Castings, Welding, Qualifications of Procedures and Personnel - \(View Full Text\)](#)

[A494/A494M-05 Standard Specification for Castings, Nickel and Nickel Alloy - \(View Full Text\)](#)

[A495-06 Standard Specification for Calcium-Silicon Alloys - \(View Full Text\)](#)

[A518/A518M-99\(2003\) Standard Specification for Corrosion-Resistant High-Silicon Iron Castings - \(View Full Text\)](#)

[A532/A532M-93a\(2003\) Standard Specification for Abrasion-Resistant Cast Irons -](#)

[\(View Full Text\)](#)

[A536-84\(2004\) Standard Specification for Ductile Iron Castings - \(View Full Text\)](#)

[A550-06 Standard Specification for Ferrocolumbium - \(View Full Text\)](#)

[A560/A560M-05 Standard Specification for Castings, Chromium-Nickel Alloy - \(View Full Text\)](#)

[A571/A571M-01\(2006\) Standard Specification for Austenitic Ductile Iron Castings for Pressure-Containing Parts Suitable for Low-Temperature Service - \(View Full Text\)](#)

[A601-05 Standard Specification for Electrolytic Manganese Metal - \(View Full Text\)](#)

[A602-94\(2004\) Standard Specification for Automotive Malleable Iron Castings - \(View Full Text\)](#)

[A609/A609M-91\(2002\) Standard Practice for Castings, Carbon, Low-Alloy, and Martensitic Stainless Steel, Ultrasonic Examination Thereof - \(View Full Text\)](#)

[A610-79\(2004\) Standard Test Methods for Sampling and Testing Ferroalloys for Determination of Size - \(View Full Text\)](#)

[A636-76\(2004\) Standard Specification for Nickel Oxide Sinter - \(View Full Text\)](#)

[A644-05 Standard Terminology Relating to Iron Castings - \(View Full Text\)](#)

[A667/A667M-87\(2003\) Standard Specification for Centrifugally Cast Dual Metal \(Gray and White Cast Iron\) Cylinders - \(View Full Text\)](#)

[A674-05 Standard Practice for Polyethylene Encasement for Ductile Iron Pipe for Water or Other Liquids - \(View Full Text\)](#)

[A701-05 Standard Specification for Ferromanganese-Silicon - \(View Full Text\)](#)

[A703/A703M-06 Standard Specification for Steel Castings, General Requirements, for Pressure-Containing Parts - \(View Full Text\)](#)

[A716-03 Standard Specification for Ductile Iron Culvert Pipe - \(View Full Text\)](#)

[A732/A732M-05 Standard Specification for Castings, Investment, Carbon and Low Alloy Steel for General Application, and Cobalt Alloy for High Strength at Elevated Temperatures - \(View Full Text\)](#)

[A743/A743M-06 Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application - \(View Full Text\)](#)

[A744/A744M-06 Standard Specification for Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service - \(View Full Text\)](#)

[A746-03 Standard Specification for Ductile Iron Gravity Sewer Pipe - \(View Full Text\)](#)

[A747/A747M-04 Standard Specification for Steel Castings, Stainless, Precipitation Hardening - \(View Full Text\)](#)

[A748/A748M-87\(2003\) Standard Specification for Statically Cast Chilled White Iron-Gray Iron Dual Metal Rolls for Pressure Vessel Use - \(View Full Text\)](#)

[A751-01\(2006\) Standard Test Methods, Practices, and Terminology for Chemical Analysis of Steel Products - \(View Full Text\)](#)

[A757/A757M-00\(2004\) Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications, for Low-Temperature Service - \(View Full Text\)](#)

[A781/A781M-06 Standard Specification for Castings, Steel and Alloy, Common Requirements, for General Industrial Use - \(View Full Text\)](#)

[A799/A799M-04 Standard Practice for Steel Castings, Stainless, Instrument Calibration, for Estimating Ferrite Content - \(View Full Text\)](#)

[A800/A800M-01\(2006\) Standard Practice for Steel Casting, Austenitic Alloy, Estimating Ferrite Content Thereof - \(View Full Text\)](#)

[A802/A802M-95\(2006\) Standard Practice for Steel Castings, Surface Acceptance Standards, Visual Examination - \(View Full Text\)](#)

[A823-99\(2003\) Standard Specification for Statically Cast Permanent Mold Gray Iron](#)

[Castings - \(View Full Text\)](#)
[A834-95\(2006\) Standard Specification for Common Requirements for Iron Castings for General Industrial Use - \(View Full Text\)](#)
[A835/A835M-84\(2005\) Standard Specification for Sizes of Ferroalloys and Alloy Additives - \(View Full Text\)](#)
[A842-85\(2004\) Standard Specification for Compacted Graphite Iron Castings - \(View Full Text\)](#)
[A861-04 Standard Specification for High-Silicon Iron Pipe and Fittings - \(View Full Text\)](#)
[A872/A872M-05 Standard Specification for Centrifugally Cast Ferritic/Austenitic Stainless Steel Pipe for Corrosive Environments - \(View Full Text\)](#)
[A874/A874M-98\(2004\) Standard Specification for Ferritic Ductile Iron Castings Suitable for Low-Temperature Service - \(View Full Text\)](#)
[A888-05 Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications - \(View Full Text\)](#)
[A890/A890M-99\(2003\) Standard Specification for Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex \(Austenitic/Ferritic\) for General Application - \(View Full Text\)](#)
[A897/A897M-06 Standard Specification for Austempered Ductile Iron Castings - \(View Full Text\)](#)
[A903/A903M-99\(2003\) Standard Specification for Steel Castings, Surface Acceptance Standards, Magnetic Particle and Liquid Penetrant Inspection - \(View Full Text\)](#)
[A915/A915M-93\(2003\) Standard Specification for Steel Castings, Carbon, and Alloy, Chemical Requirements Similar to Standard Wrought Grades - \(View Full Text\)](#)
[A922-05 Standard Specification for Silicon Metal - \(View Full Text\)](#)
[A941-06a Terminology Relating to Steel, Stainless Steel, Related Alloys, and Ferroalloys - \(View Full Text\)](#)
[A942-95\(2001\) Standard Specification for Centrifugally Cast White Iron/Gray Iron Dual Metal Abrasion- Resistant Roll Shells - \(View Full Text\)](#)
[A957/A957M-06 Standard Specification for Investment Castings, Steel and Alloy, Common Requirements, for General Industrial Use - \(View Full Text\)](#)
[A958-00\(2006\) Standard Specification for Steel Castings, Carbon and Alloy, with Tensile Requirements, Chemical Requirements Similar to Standard Wrought Grades - \(View Full Text\)](#)
[A985/A985M-04a Standard Specification for Steel Investment Castings General Requirements, for Pressure-Containing Parts - \(View Full Text\)](#)
[A990-06 Standard Specification for Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service - \(View Full Text\)](#)
[A995/A995M-98\(2003\) Standard Specification for Castings, Austenitic-Ferritic \(Duplex\) Stainless Steel, for Pressure-Containing Parts - \(View Full Text\)](#)
[A997-98\(2003\)e1 Standard Practice for Investment Castings, Surface Acceptance Standards, Visual Examination - \(View Full Text\)](#)
[A1001-01\(2006\) Standard Specification for High Strength Steel Castings in Heavy Sections - \(View Full Text\)](#)
[A1002-99\(2003\) Standard Specification for Castings, Nickel-Aluminum Ordered Alloy - \(View Full Text\)](#)
[A1025-05 Standard Specification for Ferroalloys, General Requirements - \(View Full Text\)](#)
[A1045-05 Standard Specification for Flexible Poly \(Vinyl Chloride\) \(PVC\) Gaskets](#)

[used in Connection of Water Closets to Sanitary Drainage System - \(View Full Text\)](#)
[C564-03a Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings - \(View Full Text\)](#)
[C1173-06 Standard Specification for Flexible Transition Couplings for Underground Piping Systems - \(View Full Text\)](#)
[C1277-06 Standard Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings - \(View Full Text\)](#)
[C1440-03 Standard Specification for Thermoplastic Elastomeric \(TPE\) Gasket Materials for Drain, Waste, and Vent \(DWV\), Sewer, Sanitary and Storm Plumbing Systems - \(View Full Text\)](#)
[C1460-04 Standard Specification for Shielded Transition Couplings for Use With Dissimilar DWV Pipe and Fittings Above Ground - \(View Full Text\)](#)
[C1461-06 Standard Specification for Mechanical Couplings Using Thermoplastic Elastomeric \(TPE\) Gaskets for Joining Drain, Waste, and Vent \(DWV\), Sewer, Sanitary, and Storm Plumbing Systems for Above and Below Ground Use - \(View Full Text\)](#)
[C1540-04 Standard Specification for Heavy Duty Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings - \(View Full Text\)](#)
[C1541-04 Standard Specification for Shielded Transition Couplings Using Flexible Poly Vinyl Chloride \(PVC\) Gaskets to Connect Dissimilar DWV Pipe and Fittings - \(View Full Text\)](#)
[C1563-04 Standard Test Method for Gaskets for Use in Connection with Hub and Spigot Cast Iron Soil Pipe and Fittings for Sanitary Drain, Waste, Vent, and Storm Piping Applications - \(View Full Text\)](#)

[SI Quick Reference Guide: International System of Units \(SI\) - *The Modern Metric System* - \(View Full Text\)](#)

Withdrawn Standards

A438 Standard Test Method for Transverse Testing of Gray Cast Iron (Withdrawn 2003) No Replacement
A583 Standard Specification for Cast Steel Wheels for Railway Service (Withdrawn 2004) No Replacement
A845 Standard Specification for Titanium Scrap for Use in Deoxidation and Alloying of Steel (Withdrawn 2005) No Replacement
A846 Standard Specification for Aluminum Scrap for Use in Deoxidation and Alloying of Steel (Withdrawn 2005) No Replacement
A993 Standard Test Method for Dynamic Tear Testing of Cast Irons to Establish Transition Temperature (Withdrawn 2004) No Replacement