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Volume 15.08 has been reorganized as follows:

All standards on livestock, meat, and poultry evaluation systems, as well as food service equipment have moved from Volume 15.08 to NEW Volume 15.12.

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872 Pages; 198 Standards; Available Jan. 2009
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Steel-Plate, Sheet, Strip, Wire; Stainless Steel Bar
806 Pages; 93 Standards; Available Feb. 2009
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798 Pages; 124 Standards; Available Jan. 2009
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Online Basic: $201; Stock #: V0104-C16
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860 Pages; 100 Standards; Available Jan. 2009
Print or CD: $228
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Stock #: VX0105-C16
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860 Pages; 100 Standards; Available Jan. 2009
Print or CD: $218
Print ISBN: 978-0-8031-6285-3
Stock #: VX0108-C16
Online Basic: $185; Stock #: V0108-C16
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Section 2: Nonferrous Metal Products

Volume 02.01
Metals and Inorganic Coatings; Metal Powders and Metal Powder Products
976 Pages; 281 Standards; Available May 2009
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Print ISBN: 978-0-8031-6101-4
Stock #: VX0201-C16
Online Basic: $218; Stock #: V0201-C16
Online+ $395; Stock #: CD0201-C16

Volume 02.02
Magnesium Alloys
884 Pages; 87 Standards; Available Sept. 2009
Print or CD: $256
Stock #: VX0202-C16
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Volume 02.03
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972 Pages; 149 Standards; available may 2009
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Volume 02.04
Nonferrous Metals—Nickel, Cobalt, Lead, Tin, Zinc, Cadmium, Precious, Reactive, Refractory Metals and Alloys; Materials for Thermostats, Electrical Resistance and Resistance Connectors
1,270 Pages; 261 Standards; Available June 2009
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Stock #: VX0204-C16
Online Basic: $227; Stock #: V0204-C16
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Volume 02.05
Aluminum; Magnesium; Copper; Copper Alloys; Stainless Steel; Nickel; Nickel Alloys; Tungsten; Tantalum; and Tungsten or Tantalum Alloys
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Under the heading of metallic and inorganic coatings, specifications establish requirements for electroplated coatings of cadmium, zinc, and electrolytically-deposited zinc. This volume includes tests for measuring the properties of anodically-coated aluminum; determining coating thickness and corrosion; and electroforming, electrolyzing, and surface preparation. Volume 02.03 features standards for metal powders and metal powder products. It includes test methods and specifications that deal with base metal powders, cemented carbides, refractory metal powders, density, flow rate, hardness, and particulate size. This volume also features standards for powder metallurgy (P/M) and metal injection molded (MIM) structural parts.
**Section 4: Construction**

**Cement; Lime; Gypsum**

966 Pages; 170 Standards Available Oct. 2009

Print ISBN: 978-0-8031-6142-4

CD ISBN: 978-0-8031-6143-1

Online Basic: $212; Stock #: V0404-C16

This volume covers molecular spectroscopy procedures for obtaining and interpreting both nuclear magnetic resonance (NMR) and infrared (IR) absorption spectra of bulk substances or their components. It contains standards pertaining to humidity and temperature measurement procedures for determining the properties of various road and paving materials, including asphalt, cement, gravel, concrete, and other asphalt and cement-based materials. It also includes standards that define the appropriate properties of various materials for use in transportation systems.

**Concrete; Aggregates**

960 Pages; 170 Standards Available Oct. 2009

Print ISBN: 978-0-8031-6131-3

CD ISBN: 978-0-8031-6132-0

Online Basic: $201; Stock #: V0405-C16

This volume includes test methods, standards for Portland cement, concrete and aggregate concrete, cements, and related materials, and includes standards on mixtures, mortars, and concrete. It also includes the ASTM Manual of Aggregate and Concrete Testing.

**Roofing and Waterproothing**

870 Pages; 93 Standards Available Oct. 2009

Print or CD: $118; Stock #: Vx0403-C16

This volume covers roofing materials and procedures for testing and evaluating their properties. It includes standard procedures for testing asphalt roofing materials, such as asphalt roof coatings, single-ply membranes, underlayment, roll, sheeting, and EPDM roofing materials. Standards also cover miscellaneous bituminous felts and paints, nonpervious organic roof coverings. It includes standards for measuring the properties of mortars, grouts, and concrete. It also includes standards for measuring the properties of various materials for use in asphalt, concrete, and other paving materials. It also includes standards for measuring the properties of various materials for use in asphalt, concrete, and other paving materials.

**Chemical-Resistant Nonmetallic Materials; Vitrified Clay Pipe; Concrete Pipe; Fiber-Reinforced Cement Products; Masonry and Grouts; Masonry; Precast Concrete**

546 Pages; 75 Standards Available June 2009

Print or CD: $126; Stock #: V0407-C16

This volume includes test methods for measuring the properties of various materials, including building construction materials, masonry, and precast concrete products. It includes test methods for measuring the properties of various materials, including building construction materials, masonry, and precast concrete products.

**Thermal Insulation; Building and Environmental Acoustics**

1,128 Pages; 202 Standards; Available Nov. 2009

Print or CD: $315; Stock #: V0408-C16

This volume includes test methods for measuring the properties of various materials, including building construction materials, masonry, and precast concrete products. It includes test methods for measuring the properties of various materials, including building construction materials, masonry, and precast concrete products.
These volumes also feature standard procedures for evaluating the performance of motor, diesel, automotive spark-ignition engine fuel, ethanol, aviation fuels, solvent hexane, and naphtha. Standards cover distillate and residual fuel oil, kerosene, and illuminating oils, and set down procedures for evaluating such properties as carbon residue, viscosity, cloud point, density, flash point, and sulfur content. They also include natural and liquefied petroleum gas, light hydrocarbons, crude petroleum, wax and petroleum jelly, and hydraulic fluids.

Tests and practices for evaluating the properties of lubricants, lubricating greases, lubricating oil, used oils, cutting oils, and turbine oils also appear in these volumes.

Volume 04.13
Combustion Characteristics; Manufactured Carbon and Graphite Products; Catalysts

628 Pages; 75 Standards; available February 2009
Print or CD: $205; Stock #: Cd041309-C16
Online Basic: $43; Stock #: V0413-C16
Online+: $342; Stock #: Vx0413-C16

This volume covers tests to determine the knock or detonation characteristics of motor fuels and engines. It includes tests for ignition characteristics of diesel fuels. Some tests evaluate catalysts, and feature standard tests and practices for performance evaluation of manufactured carbon and graphite products.

Volume 05.06
Gaseous Fuels; Coal and Coke

742 Pages; 196 Standards; available September 2009
Print or CD: $210; Stock #: Cd050609-C16
Online Basic: $32; Stock #: V0506-C16
Online+: $345; Stock #: Vx0506-C16

Under the heading of gaseous fuels, this volume provides tables and practices for sampling and calculating thermal properties. In addition, several tests define means for testing and evaluating properties of gaseous fuels. Other tests and practices evaluate properties of coal and coke.

Volume 05.04
Petroleum Products and Lubricants (II): O 6730—latest

1,360 Pages; 230 Standards
Print or CD: $345; Stock #: Print 0-8031-6342-9
Online Basic: $480; Stock #: V0504-C16
Online+: $630; Stock #: Vx0504-C16

These volumes also feature standard procedures for evaluating the performance of motor, diesel, automotive spark-ignition engine fuel, ethanol, aviation fuels, solvent hexane, and naphtha. Standards cover distillate and residual fuel oil, kerosene, and illuminating oils, and set down procedures for evaluating such properties as carbon residue, viscosity, cloud point, density, flash point, and sulfur content. They also include natural and liquefied petroleum gas, light hydrocarbons, crude petroleum, wax and petroleum jelly, and hydraulic fluids.

Tests and practices for evaluating the properties of lubricants, lubricating greases, lubricating oil, used oils, cutting oils, and turbine oils also appear in these volumes.

Volume 04.12
Building Constructions (III): E 1671—Latest; Property: Utility Properties

1,734 Pages; 194 Standards Available May 2009
Print or CD: $275; Stock #: Print 0-8031-6341-1
Online Basic: $312; Stock #: V0412-C16
Online+: $375; Stock #: Vx0412-C16

These standards encompass investigations, how to measure the permeability of soils, and tests for peats, mosses, and humus.

In addition, Volume 04.09 also includes standards on surface and subsurface characterization, erosion and sediment control technology, frozen soils and ice, Criteria of geotechnical design, and information retrieval and data automation.

Volume 04.10
Wood

800 Pages; 125 Standards Available July 2009
Print or CD: $159; Stock #: Print 0-8031-6318-3
Online Basic: $195; Stock #: V0410-C16
Online+: $237; Stock #: Vx0410-C16

Test methods feature how to perform testing on wood and how to evaluate mechanical and physical properties. Other details structural grading, wood paving blocks, and modified wood.

Under the heading of wood preservatives, this volume covers chemically analyzing and preserving their efficacy.

Volume 04.11
Building Constructions (II): E 72—E 1670

375 Pages; 155 standards
Print or CD: $295; Stock #: Print 0-8031-6313-6
Online Basic: $415; Stock #: V0411-C16
Online+: $500; Stock #: Vx0411-C16

These standards encompass investigations, how to measure the permeability of soils, and tests for peats, mosses, and humus.

In addition, Volume 04.09 also includes standards on surface and subsurface characterization, erosion and sediment control technology, frozen soils and ice, Criteria of geotechnical design, and information retrieval and data automation.

Volume 04.11
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800 Pages; 125 Standards Available July 2009
Print or CD: $159; Stock #: Print 0-8031-6318-3
Online Basic: $195; Stock #: V0411-C16
Online+: $237; Stock #: Vx0411-C16

Test methods feature how to perform testing on wood and how to evaluate mechanical and physical properties. Other details structural grading, wood paving blocks, and modified wood.
Volume 07.01
Textiles ([I]): D 76—D 4391
1,270 Pages; 60 Standards; Available Nov. 2009
Print or CD: $17
Print ISBN: 978-0-8031-6375-7
Stock #: 970709-C16
CD ISBN: 978-0-8031-6374-0
Stock #: CD0709-C16
Online Basic: $130; Stock #: V0701-C16
Online: $250; Stock #: V0701-C16
Volume 07.02
Textiles ([II]): D 4393—Latest
1,289 Pages; 60 Standards; Available Nov. 2009
Print or CD: $127
Print ISBN: 978-0-8031-6375-7
Stock #: 970709-C16
CD ISBN: 978-0-8031-6374-0
Stock #: CD0709-C16
Online Basic: $137; Stock #: V0702-C16
Online: $250; Stock #: V0701-C16
Volume 08.01
Plastics ([I]): D 256—D 3159
930 Pages; 137 Standards; Available June 2009
Print or CD: $129
Print ISBN: 978-0-8031-6373-3
Stock #: 980801-C16
CD ISBN: 978-0-8031-6372-6
Stock #: CD0801-C16
Online Basic: $107; Stock #: V0809-C16
Online: $300; Stock #: V0801-C16
Volume 08.02
Plastics ([II]): D 3220—D 5083
912 Pages; 123 Standards; Available June 2009
Print or CD: $121
Print ISBN: 978-0-8031-6368-1
Stock #: 980802-C16
CD ISBN: 978-0-8031-6367-4
Stock #: CD0802-C16
Online Basic: $117; Stock #: V0808-C16
Online: $300; Stock #: V0801-C16
Volume 08.03
Plastics ([III]): D 5177—Latest
990 Pages; 153 Standards; Available July 2009
Print or CD: $121
Print ISBN: 978-0-8031-6384-7
Stock #: 980803-C16
CD ISBN: 978-0-8031-6383-0
Stock #: CD0803-C16
Online Basic: $114; Stock #: V0809-C16
Online: $300; Stock #: V0801-C16
These 3 volumes feature over 429 plastics-related standards, including test methods that establish standard procedures for assessing physical, mechanical, optical, permanence, and thermal properties. These volumes include specifications that establish standard property requirements for thermoplastic, thermosetting, and reinforced thermoplastic materials. Others cover film, sheeting, and cellular plastics. They also cover environmentally degradable plastics, compostable plastics, biobased products, plastic building products, recycled plastics, and plastic laminar. Volume 08.04
Plastic Pipe and Building Products
1,356 Pages; 258 Standards; Available Jan. 2009
Print or CD: $169
Print ISBN: 978-0-8031-6360-0
Stock #: 980804-C16
Stock #: CD0804-C16
Online Basic: $118; Stock #: V0808-C16
Online: $300; Stock #: V0801-C16
Half of the standards in this volume are specifications that establish standard property requirements for plastic pipe, tubing, and fittings, including ABS, CPVC, P, PVC, polyethylene, reinforced thermosetting, and styrene rubber. Also includes standards for joints, seals, solvent cement, installation procedures, and PVC windows.
Volume 09.01
Rubber, Natural and Synthetic—
General Test Methods; Carbon Black
1,346 Pages; 201 Standards; Available July 2009
Print or CD: $155
Print ISBN: 978-0-8031-6361-3
Stock #: 980901-C16
CD ISBN: 978-0-8031-6360-6
Stock #: CD0901-C16
Online: $117; Stock #: V0901-C16
Volume 09.02
Rubber Products, Industrial—
Specifications and Related Test Methods; Gaskets; Tires
698 Pages; 134 Standards; Available Aug. 2009
Print or CD: $153
Print ISBN: 978-0-8031-6381-7
Stock #: 980902-C16
CD ISBN: 978-0-8031-6380-0
Stock #: CD0902-C16
Online: $119; Stock #: V0902-C16
Online: $121; Stock #: V0905-C16
Volume 09.01 contains tests and practices for evaluating rubber, rubber-like materials, and carbon black. Some general tests and practice standard procedures for performing chemical analysis, assessing processibility, physical properties, aging and weathering effects, low temperature effects, and adhesion. Others evaluate compounding materials, carbon black, and synthetic rubbers, such as CR, IR, IIR, NBR, IR, and SBR. This volume also details standards on natural rubber; thermoplastic elastomers; and thermoplastic. Volume 09.02 features specifications, tests, and practices for evaluating rubber surgical and orthopedic materials, thermoplastic rubbers, and polyurethane. Specifications are included for materials, performance and property requirements; durability; general material properties; extrusion; and injection molding.
Volume 09.03
Chemical, Physical, Optical, Permanence, and Weathering Effects
346 Pages; 18 Standards; Available June 2009
Print or CD: $129
Print ISBN: 978-0-8031-6386-7
Stock #: 980903-C16
CD ISBN: 978-0-8031-6385-0
Stock #: CD0903-C16
Online: $117; Stock #: V0903-C16
Volume 09.03 provides guides, specifications, and test methods for evaluation of rubber, rubber-like materials, and carbon black. Some general tests and practice standard procedures for performing chemical analysis, assessing processibility, physical properties, aging and weathering effects, low temperature effects, and adhesion. Others evaluate compounding materials, carbon black, and synthetic rubbers, such as CR, IR, IIR, NBR, IR, and SBR. This volume also details standards on natural rubber; thermoplastic elastomers; and thermoplastic thermosets.
Volume 09.04
Microelectronic Packaging
334 Pages; 56 Standards; Available March 2009
Print or CD: $188
Print ISBN: 978-0-8031-6388-4
Stock #: 980904-C16
CD ISBN: 978-0-8031-6387-7
Stock #: CD0904-C16
Online: $123; Stock #: V0904-C16
Online: $128; Stock #: V0904-C16
Online: $121; Stock #: V0905-C16
Volume 09.03 includes standards for packaging and embedding compounds and more. This volume also includes the latest standards relating to degradable substances in materials.
Volume 10.01
Electrical Insulation (I):
D 69—D 2484
614 Pages; 86 Standards Available May 2009
Print or CD: $173
Stock #: 981001-C16
Stock #: CD1001-C16
Online Basic: $136; Stock #: V1002-C16
Online: $338; Stock #: V1001-C16
Volume 10.02
Electrical Insulation (II):
D 2531—Latest
684 Pages; 95 Standards Available May 2009
Print or CD: $156
Print ISBN: 978-0-8031-6359-3
Stock #: 981002-C16
CD ISBN: 978-0-8031-6358-6
Stock #: CD1002-C16
Online Basic: $136; Stock #: V1002-C16
Online: $338; Stock #: V1001-C16
Volume 10.01 provides guides, specifications, and test methods for electrical insulating liquids and gases, and as well as chemical, physical, analytical, and electrical properties. This volume also includes specifications and tests on polymeric materials used to protect workers from electrical hazards.
Volume 10.03
Electrical Insulating Liquids and Gases; Electric
Protective Equipment
652 Pages; 103 Standards Available May 2009
Print or CD: $156
Print ISBN: 978-0-8031-6359-3
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Stock #: CD1003-C16
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Online: $338; Stock #: V1001-C16
Volume 10.03 provides guides, specifications, and test methods for electrical insulating liquids and gases, and as well as chemical, physical, analytical, and electrical properties. This volume also includes specifications and tests on polymeric materials used to protect workers from electrical hazards.
Volume 10.04
Electronics; Declarable Substances in Materials
684 Pages; 120 Standards Available April 2009
Print or CD: $157
Print ISBN: 978-0-8031-6401-7
Stock #: 981004-C16
CD ISBN: 978-0-8031-6402-4
Stock #: CD1004-C16
Online Basic: $150; Stock #: V1004-C16
Online: $350; Stock #: V1001-C16
Volume 10.04 covers standards on electronics, including:
• Innerlayer interconnections and bonding
• Materials and processes for vacuum tubes
• Electronic device characterization
• Hermetic seals
• Hybrid circuits and substrates
• Microelectronic packaging
• Leaking test
• And more
This volume also includes the latest standards relating to degradable substances in materials.
Section 11: Water and Environmental Technology

Volume 11.01 Water (I) 1,32 Pages; 122 Standards; Available April 2009 Print ISBN: 978-0-8031-6402-5; Stock #: V1101-C16 CD ISBN: 978-0-8031-6401-8; Stock #: CD1101-C16 Online Basic: $115; Stock #: V1101-C16 Online: $145; Stock #: V1101-C16

Volume 11.02 Water (II) 1,418 Pages; 168 Standards; Available May 2009 Print ISBN: 978-0-8031-6404-9; Stock #: V1102-C16 CD ISBN: 978-0-8031-6403-2; Stock #: CD1102-C16 Online Basic: $115; Stock #: V1102-C16 Online: $145; Stock #: V1102-C16


Volume 11.05 Pesticides; Environmental Assessment; Hazardous Substances and Oil Spill Response 249 Pages; 180 Standards; Available Aug. 2009 Print ISBN: 978-0-8031-6412-4; Stock #: V1105-C16 CD ISBN: 978-0-8031-6411-7; Stock #: CD1105-C16 Online Basic: $161; Stock #: V1105-C16 Online: $191; Stock #: V1105-C16


Volume 11.09 Nuclear Energy 1,386 Pages; 171 Standards; Available Aug. 2009 Print ISBN: 978-0-8031-6422-7; Stock #: V1109-C16 CD ISBN: 978-0-8031-6421-0; Stock #: CD1109-C16 Online Basic: $197; Stock #: V1109-C16 Online: $227; Stock #: V1109-C16

Section 12: Nuclear, Solar, and Geothermal Energy


Section 13: Medical Devices and Services

Volume 13.01 Medical and Surgical Materials and Devices; Anesthetic and Respiratory Equipment; Manufacture of Pharmaceutical Products 1,746 Pages; 283 Standards; Available Sept. 2009 Print ISBN: 978-0-8031-6427-5; Stock #: V1301-C16 CD ISBN: 978-0-8031-6426-8; Stock #: CD1301-C16 Online Basic: $155; Stock #: V1301-C16 Online: $185; Stock #: V1301-C16

Volume 13.02 Emergency Medical Services; Search and Rescue 364 Pages; 82 Standards; Available Sept. 2009 Print ISBN: 978-0-8031-6424-1; Stock #: V1302-C16 CD ISBN: 978-0-8031-6423-4; Stock #: CD1302-C16 Online Basic: $155; Stock #: V1302-C16 Online: $185; Stock #: V1302-C16

Volume 13.03 Emergency Medical Services—covers emergency medical dispatch, ambulances, fixed wing basic and specialized units, and basic training for emergency medical technicians

Section 14: General Methods and Instrumentation


Volume 14.01 includes specifications and guides that address the Continuity of Care Record (CCR), transcription, documentation, transfer, and management, regulatory, and privacy and health information and the content of electronic health records. Other standards cover controlled health vocabularies for healthcare informatics and eXtensible Markup Language (XML) Document Type Definitions (DTD).
Section 14: General Products, Chemical Specialties, and End Use Products

Volume 14.02
General Test Methods; Forensic Psychophysiology; Forensic Sciences; Terminology; Conformity Assessment; Statistical Methods; Nanotechnology
1,344 Pages; 290 Standards; Available July 2009
Print ISBN: 978-0-8031-6435-2; Stock #: V1402-C16
CD ISBN: 978-0-8031-6436-9; Stock #: Cd140209-C16
Online Basic: $792; Stock #: Y344-C16; Online+ $940; Stock #: VX1402-C16

Over 130 standards cover:
Forensic Psychophysiology—guides and practices address polygraph training and recommended practices for the design, conduct, and interpretation of psychophysiological detection of deception examinations.
Forensic Sciences—the majority of standards in this section deal with criminalistics, including forensic analysis, examination of physical evidence, documenting, labeling, storing, and retrieving evidence.
Conformity Assessment—criteria for the evaluation of testing laboratories and proficiency testing by interlaboratory comparisons.

Hazard Potential of Chemicals—covers flash point, thermal stability and instability, explosibility, and autogestion temperatures of chemicals.
Particle and Spray Characterization—standards cover sifting and nonsieving methods and screening media.
Quality and Statistics—practices and guides evaluate statistical methods, sampling and data analysis, and quality statements.
Thermal Measurements—practices and tests methods cover thermal analysis and thermophysical properties.
Non sterilizing standards cover terminology, environmental and occupational health and safety, international law and intellectual property, risk management, and product stewardship.

Volume 14.03
Temperature Measurement
728 Pages; 42 Standards; Available July 2009
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Volume 14.04
Laboratory Apparatus; Degradation of Materials; Sí; Oxygen Fire Safety
930 Pages; 132 Standards; Available July 2009
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