

EXHIBIT 163

**THIS DOCUMENT HAS BEEN PRODUCED IN NATIVE
FORMAT**

downloads	identifier	title
27	gov.law.as	ASTM D1246: Bromide - Titrimetric
57	gov.law.as	ASTM B224: Standard Classification of Coppers
93	gov.law.as	ASTM A483: Standard Specification for Silicomanganese
133	gov.law.as	ASTM A502: Steel Structural Rivets
87	gov.law.as	ASTM A100: Standard Specification for Ferrosilicon
39	gov.law.as	ASTM D3559: Standard Test Methods for Lead in Water
37	gov.law.as	ASTM F1014: Standard Specification for Flashlights on Vessels
45	gov.law.as	ASTM C5: Standard Specification for Quicklime for Structural Purposes
33	gov.law.as	ASTM E29: Standard Specification for Diesel Fuel Oils
37	gov.law.as	ASTM C56: Standard Specification for Structural Clay Nonloadbearing Tile
29	gov.law.as	ASTM F1323: Standard Specification for Shipboard Incinerators
49	gov.law.as	ASTM A496: Deformed Steel Wire for Concrete Reinforcement
46	gov.law.as	ASTM C150: Standard Specification for Portland Cement
74	gov.law.as	ASTM D1835: Standard Specification for Liquefied Petroleum (LP) Gases
38	gov.law.as	ASTM F1273: Standard Specification for Tank Vent Flame Arresters
77	gov.law.as	ASTM D396: Standard Specification for Fuel Oils
78	gov.law.as	ASTM F1123: Standard Specification for Non-Metallic Expansion Joints
32	gov.law.as	ASTM D3697: Standard Test Method for Antimony in Water
62	gov.law.as	ASTM F2413: Performance Requirements for Protective Footwear
71	gov.law.as	ASTM D1081: Test for Evaluating Rubber Property--Sealing Pressure
36	gov.law.as	ASTM F1003: Standard Specification for Searchlights on Motor Lifeboats
57	gov.law.as	ASTM F1139: Standard Specification for Steam Traps and Drains
31	gov.law.as	ASTM B227: Hard-Drawn Copper-Clad Steel Wire
159	gov.law.as	ASTM D975: Standard Specification for Diesel Fuel Oils
47	gov.law.as	ASTM E260: Standard Practice for Packed Column Gas Chromatography
48	gov.law.as	ASTM F1122: Standard Specification for Quick Disconnect Couplings
83	gov.law.as	ASTM C549: Standard Specification for Perlite Loose Fill Insulation
101	gov.law.as	ASTM C32: Standard Specification for Sewer and Manhole Brick
262	gov.law.as	ASTM C150: Standard Specification for Portland Cement
59	gov.law.as	ASTM F1196: Standard Specification for Sliding Watertight Door Assemblies
42	gov.law.as	ASTM D1687: Standard Test Methods for Chromium in Water
47	gov.law.as	ASTM D396: Standard Specification for Fuel Oils
28	gov.law.as	ASTM F1546: Standard Specification for Firehose Nozzles
100	gov.law.as	ASTM D1535: Specifying Color by the Munsell System
97	gov.law.as	ASTM A325: High-Strength Bolts for Structural Steel Joists
70	gov.law.as	ASTM E163: Methods for Fire Tests of Window Assemblies
62	gov.law.as	ASTM D1126: Standard Test Method for Hardness in Water
78	gov.law.as	ASTM C52: Specification for Gypsum Partition Tile or Block
173	gov.law.as	ASTM D1068: Standard Test Methods for Iron in Water
83	gov.law.as	ASTM A82: Cold-Drawn Steel Wire for Concrete Reinforcement
41	gov.law.as	ASTM C720: Spray Applied Fibrous Insulation for Elevated Temperature
101	gov.law.as	ASTM C150: Standard Specification for Portland Cement
113	gov.law.as	ASTM D1535: Specifying Color by the Munsell System
50	gov.law.as	ASTM A449: Quenched and Tempered Steel Bolts and Studs
84	gov.law.as	ASTM A611: Steel, Cold-rolled Sheet, Carbon, Structural
120	gov.law.as	ASTM B85: Standard Specification for Aluminum-Alloy Die Castings
208	gov.law.as	ASTM A391: Standard Specification for Alloy Steel Chain
92	gov.law.as	ASTM E774: Standard Specifications for Sealed Insulating Glass Units

downloads identifier title

89 gov.law.as: ASTM D975: Standard Specification for Diesel Fuel Oils
96 gov.law.as: ASTM D4268: Standard Test Method for Testing Fiber Ropes
120 gov.law.as: ASTM A36: Standard Specification for Carbon Structural Steel
311 gov.law.as: ASTM D1193: Standard Specification for Reagent Water
179 gov.law.as: ASTM A185: Steel Wire Fabric for Concrete Reinforcement
32 gov.law.as: ASTM D2036: Standard Test Method for Cyanides in Water
187 gov.law.as: ASTM A36: Standard Specification for Carbon Structural Steel
144 gov.law.as: ASTM D388: Standard Classification of Coals by Rank
179 gov.law.as: ASTM D2515: Standard Specification for Kinematic Glass Viscosity
324 gov.law.as: ASTM C476: Standard Specification for Grout for Masonry
497 gov.law.as: ASTM D88: Standard Test Method for Saybolt Viscosity
226 gov.law.as: ASTM A47: Standard Specification for Malleable Iron Castings
248 gov.law.as: ASTM E298: Standard Methods for Assay of Organic Peroxides
64 gov.law.as: ASTM F2412: Standard Test Methods for Foot Protection
41 gov.law.as: ASTM D1688: Standard Test Method for Copper in Water
31 gov.law.as: ASTM F1006: Standard Specification for Entrainment Separators for Use in Ma
47 gov.law.as: ASTM F715: Standard Test Methods for Coated Fabrics Used for Oil Spill Cont
41 gov.law.as: ASTM D814: Standard Test Method for Rubber Property--Vapor Transmission
25 gov.law.as: ASTM D5673: Standard Test Method for Elements in Water by Inductively Cou
45 gov.law.as: ASTM D3454: Standard Test Method for Radium-226 in Water
32 gov.law.as: ASTM A616: Rail-Steel Deformed and Plain Bars for Concrete Reinforcement
47 gov.law.as: ASTM A285: Standard Specification for Pressure Vessel Plates, Carbon Steel,
20 gov.law.as: ASTM D3371: Standard Test Method for Nitriles in Aqueous Solution by Gas-L
43 gov.law.as: ASTM E773: Standard Test Method for Seal Durability of Sealed Insulating Gla
44 gov.law.as: ASTM F1197: Standard Specificatiion for Sliding Watertight Door Control Syste
42 gov.law.as: ASTM C564: Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe
41 gov.law.as: ASTM D1552: Standard Test Method for Sulfur in Petroleum Products (High-Te
44 gov.law.as: ASTM D4444: Standard Test Method for Use and Calibration of Hand-Held Mo
39 gov.law.as: ASTM D1415: Standard Practice for Rubber and Rubber Latices--Nomenclatur
45 gov.law.as: ASTM E168: Standard Practices for General Techniques of Infrared Quantitati
71 gov.law.as: ASTM B21: Standard Specification for Naval Brass Rod, Bar, and Shapes
43 gov.law.as: ASTM E168: Standard Practices for General Techniques of Infrared Quantitati
75 gov.law.as: ASTM D86: Standard Test Method for Distillation of Petroleum Products at Atr
79 gov.law.as: ASTM D3173: Standard Test Method for Moisture in the Analysis Sample of Cc
34 gov.law.as: ASTM D1266: Standard Test Method for Sulfur in Petroleum Products (Lamp M
45 gov.law.as: ASTM F1548: Performance of Fittings for Use with Gasketed Mechanical Coup
29 gov.law.as: ASTM E1590: Standard Test Method for Fire Testing of Mattresses
61 gov.law.as: ASTM D6503: Standard Test Method for Enterococci in Water Using Enterolerl
87 gov.law.as: ASTM D512: Standard Test Methods for Chloride Ion In Water
74 gov.law.as: ASTM D3176: Standard Practice for Ultimate Analysis of Coal and Coke
63 gov.law.as: ASTM D2234: Standard Practice for Collection of a Gross Sample of Coal
31 gov.law.as: ASTM D660: Evaluating Degree of Resistant to Checking of Exterior Paints
65 gov.law.as: ASTM A242: Standard Specification for High-Strength Low-Alloy Structural Ste
42 gov.law.as: ASTM D1200: Viscosity of Paints, Varnishes and Lacquers by Ford Viscosity C
38 gov.law.as: ASTM F1172: Fuel Oil Meters of the Volumetric Positive Displacement Type
54 gov.law.as: ASTM F715: Standard Test Methods for Coated Fabrics Used for Oil Spill Cont
42 gov.law.as: ASTM D3168: Standard Recommended Practices for Qualitative Identification
43 gov.law.as: ASTM F1121: Standard Specification for International Shore Connections for N

downloads identifier title

43 gov.law.as: ASTM F682: Standard Specification for Wrought Carbon Steel Sleeve-Type Pi
62 gov.law.as: ASTM D445: Standard Test Method for Kinematic Viscosity of Transparent and
26 gov.law.as: ASTM D1890: Standard Test Method for Beta Particle Radioactivity of Water
26 gov.law.as: ASTM D1253: Standard Test Method for Residual Chlorine in Water
143 gov.law.as: ASTM D1518: Standard Test Method for Thermal Transmittance of Textile Mat
36 gov.law.as: ASTM F631: Standard Guide for Collecting Skimmer Performance Data in Con
37 gov.law.as: ASTM D4763: Standard Practice for Identification of Chemicals in Water by FL
60 gov.law.as: ASTM F631: Standard Guide for Collecting Skimmer Performance Data in Con
57 gov.law.as: ASTM E84: Standard Test Method for Surface Burning Characteristics of Buildi
17 gov.law.as: ASTM D1943: Standard Test Method for Alpha Particle Radioactivity of Water
34 gov.law.as: ASTM D1946: Standard Method for Analysis of Reformed Gas by Gas Chroma
61 gov.law.as: ASTM E169: Standard Practices for General Techniques of Ultraviolet-Visible C
28 gov.law.as: ASTM D129: Standard Test Method for Sulfur in Petroleum Products (General
28 gov.law.as: ASTM D5257: Standard Test Method for Dissolved Hexavalent Chromium in W
109 gov.law.as: ASTM D2857: Standard Method of Test for Dilute Solution Viscosity of Polyme
64 gov.law.as: ASTM D1253: Standard Test Method for Residual Chlorine in Water
53 gov.law.as: ASTM F478: Standard Specification for In-Service Care of Insulating Line Hose
71 gov.law.as: ASTM C1045: Standard Practice for Calculating Thermal Transmission Propert
66 gov.law.as: ASTM D56: Standard Test Method for Flash Point by Tag Closed Cup Tester
62 gov.law.as: ASTM A514: High-Yield Strength, Quenched and Tempered Alloy Steel Plate, :
40 gov.law.as: ASTM F1020: Standard Specification for Line-Blind Valves for Marine Applicati
51 gov.law.as: ASTM A617: Axle-Steel Deformed and Plain Bars for Concrete Reinforcement
87 gov.law.as: ASTM A490: Quenched and Tempered Alloy Steel Bolts for Structural Steel Jo
225 gov.law.as: ASTM F1155: Standard Practice for Selection and Application of Piping System
141 gov.law.as: ASTM E72: Standard Test Methods of Conducting Strength Tests of Panels for
85 gov.law.as: ASTM B557: Tension Testing Wrought and Cast Aluminum and Magnesium-Al
99 gov.law.as: ASTM E681: Standard Test Method for Concentration Limits of Flammability of
157 gov.law.as: ASTM C330: Standard Specification for Lightweight Aggregates for Structural C
57 gov.law.as: ASTM E776: Standard Test Method for Forms of Chlorine in Refuse-Derived Fi
92 gov.law.as: ASTM D1415: Tentative Method of Test for International Hardness of Vulcanize
218 gov.law.as: ASTM D785: Standard Method of Test for Rockwell Hardness of Plastics and E
91 gov.law.as: ASTM A475: Standard Specification for Zinc-Coated Steel Wire Strand
205 gov.law.as: ASTM E119: Standard Test Methods for Fire Tests of Building Construction an
240 gov.law.as: ASTM B117: Standard Practice for Operating Salt Spray (Fog) Apparatus
148 gov.law.as: ASTM D5489: Standard Guide for Care Symbols for Care Instructions on Textil
130 gov.law.as: ASTM B193: Standard Test Method for Resistivity of Electrical Conductor Mate
33 gov.law.as: ASTM F808: Guide for Collecting Skimmer Performance Data in Uncontrolled E
87 gov.law.as: ASTM A307: Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength
189 gov.law.as: ASTM D257: Standard Test Method for DC Resistance of Conductance of Insu
101 gov.law.as: ASTM D3236: Standard Test Method for Apparent Viscosity of Hot Metal Adhe
64 gov.law.as: ASTM D976: Standard Test Method for Calculated Cetane Index of Distillate Fu
68 gov.law.as: ASTM C516: Standard Specification for Vermiculite Loose Fill Thermal Insulati
48 gov.law.as: ASTM F1201: Standard Specification for Fluid Conditioner Fittings in Piping Ap
40 gov.law.as: ASTM A203: Standard Specification for Pressure Vessel Plates, Alloy Steel, Ni
54 gov.law.as: ASTM F722: Standard Specification for Welded Joints for Shipboard Piping Sy
82 gov.law.as: ASTM A500: Cold-Formed Welded and Seamless Carbon Steel Structural Tub
59 gov.law.as: ASTM A633: Standard Specification for Normalized High-Strength Low Alloy St
67 gov.law.as: ASTM A416: Uncoated Seven-Wire Stress-Relieved Strand for Prestressed Co

downloads identifier title

161 gov.law.as: ASTM G21: Standard Practice for Determining Resistance of Synthetic Polyme
62 gov.law.as: ASTM C4: Standard Specification for Clay Drain Tile and Perforated Clay Drair
25 gov.law.as: ASTM A184: Standard Specification for Fabricated Deformed Steel Bar Mats fc
64 gov.law.as: ASTM A501: Hot-Formed Welded and Seamless Carbon Steel Structural Tubir
47 gov.law.as: ASTM D4420: Standard Test Method for Determination of Aromatics in Finishe
152 gov.law.as: ASTM D1692: Test for Flammability of Plastic Sheeting and Cellular Plastics
81 gov.law.as: ASTM D1072: Standard Test Method for Total Sulfur in Fuel Gases
129 gov.law.as: ASTM D2156: Method of Tests for Smoke Density in Flue Gases from Distillate
37 gov.law.as: ASTM E23: Standard Test Method for Notched Bar Impact Testing of Metallic M
118 gov.law.as: ASTM E408: Standard Test Methods for Total Normal Emittance of Surfaces U
104 gov.law.as: ASTM D1945: Standard Test Method for Analysis of Natural Gas By Gas Chroi
159 gov.law.as: ASTM C64: Specification for Fireclay Brick Refractories for Heavy Duty Station
583 gov.law.as: ASTM G154: Standard Practice for Operating Fluorescent Light Apparatus for I
60 gov.law.as: ASTM D3246: Standard Test Method for Sulfur in Petroleum Gas by Oxidative
133 gov.law.as: ASTM D1303: Standard Method of Test for Total Chlorine in Vinyl Chloride Pol
70 gov.law.as: ASTM C1224: Standard Specification for Reflective Insulation for Building Appl
100 gov.law.as: ASTM D2247: Standard Practice for Testing Water Resistance of Coatings in 1
56 gov.law.as: ASTM E1719: Standard Test Method for Vapor Pressure of Liquids by Ebullion
74 gov.law.as: ASTM D1475: Standard Test Method for Density of Paint, Varnish, Lacquer, ar
79 gov.law.as: ASTM D750: Recommended Practice for Rubber Deterioration in Carbon-Arc c
369 gov.law.as: ASTM E606: Standard Recommended Practice for Constant-Amplitude Low-Cy
231 gov.law.as: ASTM E258: Standard Test Method for Total Nitrogen Inorganic Material by Mc
159 gov.law.as: ASTM D1335: Standard Test Method for Tuft Bind of Pile Floor Coverings
104 gov.law.as: ASTM D4177: Standard Practice for Automatic Sampling of Petroleum and Pet
126 gov.law.as: ASTM D86: Standard Test Method for Distillation of Petroleum Products at Atr
84 gov.law.as: ASTM C139: Standard Specification for Concrete Masonry Units for Constructi
83 gov.law.as: ASTM E11: Standard Specification for Wire Cloth and Sieves for Testing Purpc
138 gov.law.as: ASTM B580: Standard Specification for Anodized Oxide Coatings on Aluminur
130 gov.law.as: ASTM A497: Welded Deformed Steel Wire, Fabric for Concrete Reinforcement
75 gov.law.as: ASTM A570: Hot-Rolled Carbon Steel Sheet and Strip, Structural Quality
49 gov.law.as: ASTM A441: High-Strength Low-Alloy Structural Manganese Vanadium Steel
62 gov.law.as: ASTM D413: Standard Test Method for Rubber Property--Adhesion to Flexible
47 gov.law.as: ASTM D129: Standard Test Method for Sulfur in Petroleum Products (General
197 gov.law.as: ASTM B209: Standard Specification for Aluminum and Aluminum Alloy Sheet a
188 gov.law.as: ASTM E145: Standard Specification for Gravity-Convection and Forced- Ventik
154 gov.law.as: ASTM D93: Standard Test Method for Flash Point by Pensky-Martens Closed (C
82 gov.law.as: ASTM E11: Standard Specification for Wire Cloth and Sieves for Testing Purpc
168 gov.law.as: ASTM E96: Standard Test Methods for Water Vapor Transmission of Materials
46 gov.law.as: ASTM A618: Hot-Formed Welded and Seamless High-Strength Low-Alloy Stru
232 gov.law.as: ASTM C90: Standard Specification for Hollow Load-Bearing Concrete Masonry
102 gov.law.as: ASTM A615: Deformed and Plain Billet-Steel Bars for Concrete Reinforcement
131 gov.law.as: ASTM C34: Standard Specification for Structural Clay Load-Bearing Wall Tile
109 gov.law.as: ASTM D129: Standard Test Method for Sulfur in Petroleum Products (General
519 gov.law.as: ASTM D323: Standard Test Method for Vapor Pressure of Petroleum Products
340 gov.law.as: ASTM D1505: Standard Test Method for Density of Plastics by the Density-Gr
1007 gov.law.as: ASTM D445: Standard Test Method for Kinematic Viscosity of Transparent anc
292 gov.law.as: ASTM D4057: Standard Practice for Manual Sampling of Petroleum and Petrol
93 gov.law.as: ASTM E424: Test for Solar Energy Transmittance and Reflectance (Terrestrial

downloads identifier title

35 gov.law.as: ASTM D2460: Standard Test Method for Alpha-Particle-Emitting Isotopes of Ra
50 gov.law.as: ASTM A572: High-Strength Low-Alloy Columbium-Vanadium Steels of Structur
155 gov.law.as: ASTM D2724: Standard Test Method for Bonded, Fused, and Laminated Appa
37 gov.law.as: ASTM C1149: Standard Specification for Self-Supported Spray Applied Cellulo
987 gov.law.as: ASTM D412: Standard Test Methods for Vulcanized Rubber and Thermoplastic
53 gov.law.as: ASTM C509: Standard Specification for Elastomeric Cellular Preformed Gaske
114 gov.law.as: ASTM D1564: Standard Method of Testing Flexible Cellular Materials--Slab Ur
103 gov.law.as: ASTM D1056: Standard Specification for Flexible Cellular Materials Sponge or
869 gov.law.as: ASTM A370: Standard Test Method and Definitions for Mechanical Testing of S
168 gov.law.as: ASTM D1067: Standard Test Method for Acidity or Alkalinity of Water
303 gov.law.as: ASTM D5865: Standard Test Method for Gross Calorific Value of Coal and Col
411 gov.law.as: ASTM E23: Standard Test Methods for Notched Bar Impact Testing of Metallic
154 gov.law.as: ASTM F476: Standard Test Method for Security of Swinging Door Assemblies
36 gov.law.as: ASTM F1120: Standard Specification for Circular Metallic Bellows Type Expans
134 gov.law.as: ASTM D2013: Standard Method of Preparing Coal Samples for Analysis
43 gov.law.as: ASTM F1957 (1999): Standard Test Method for Composite Foam Hardness Du
31 gov.law.as: ASTM F1193 (2004): Standard Practice for Quality, Manufacture, and Construc
28 gov.law.as: ASTM F853 (2004): Standard Practice for Maintenance Procedures for Amuse
104 gov.law.as: ASTM F2291 (2004): Standard Practice for Design of Amusement Rides and D
29 gov.law.as: ASTM F2374 (2000): Standard Practice for Design, Manufacture, Operation, ar
37 gov.law.as: ASTM F770 (2006): Standard Practice for Ownership and Operation of Amuse
34 gov.law.as: ASTM F747 (2006): Standard Terminology Relating to Amusement Rides and I
31 gov.law.as: ASTM F846 (1992): Standard Guide for Testing Performance of Amusement R
40 gov.law.as: ASTM F770 (1993): Standard Practice for Ownership and Operation of Amuse
24 gov.law.as: ASTM F747 (1997): Standard Terminology Relating to Amusement Rides and I
44 gov.law.as: ASTM F1193 (2006): Standard Practice for Quality, Manufacture, and Construc
22 gov.law.as: ASTM F853 (2005): Standard Practice for Maintenance Procedures for Amuse
55 gov.law.as: ASTM F893 (2005): Standard Guide for Inspection of Amusement Rides and D
32 gov.law.as: ASTM F2137 (2001): Standard Practice for Measuring the Dynamic Characteri
37 gov.law.as: ASTM F2291 (2006): Standard Practice for Design of Amusement Rides and D
140 gov.law.as: ASTM E2187 (2004): Standard Test Method for Measuring the Ignition Strengtl
30 gov.law.as: ASTM D1480: Standard Test Method for Density and Relative Density (Specific
89 gov.law.as: ASTM D2267: Standard Test Method for Aromatics in Light Naphthas and Avia
39 gov.law.as: ASTM E695: Standard Method of Measuring Relative Resistance of Wall, Floor
49 gov.law.as: ASTM C126: Standard Specification for Ceramic Glazed Structural Clay Facing
45 gov.law.as: ASTM D2622: Standard Test Method for Sulfur in Petroleum Products by Wave
55 gov.law.as: ASTM E154: Materials for Use as Vapor Barriers Under Concrete Slabs and as
52 gov.law.as: ASTM D2503: Standard Method of Test for Molecular Weight of Hydrocarbons
31 gov.law.as: ASTM D2879: Standard Test Method for Vapor Pressure--Temperature Relatic
58 gov.law.as: ASTM D2163: Standard Test Method for Analysis of Liquefied Petroleum (LP) (
40 gov.law.as: ASTM F1471: Standard Test Method for Air Cleaning Performance of a High-E
35 gov.law.as: ASTM D611: Standard Test Method for Aniline Point and Mixed Aniline Point of
45 gov.law.as: ASTM E29: Standard Practice for Using Significant Digits in Test Data to Deter
43 gov.law.as: ASTM D2986: Standard Method for Evaluation of Air, Assay Media by the Mon
42 gov.law.as: ASTM D6216: Standard Practice for Opacity Monitor Manufacturers to Certify C
22 gov.law.as: ASTM D3120: Standard Test Method for Trace Quantities of Sulfur in Light Liq
76 gov.law.as: ASTM D287: Standard Test Method for API Gravity of Crude Petroleum and Pe
76 gov.law.as: ASTM E775: Standard Test Methods for Total Sulfur in the Analysis Sample of

downloads identifier title

66 gov.law.as: ASTM B16: Standard Specification for Free-Cutting Brass Rod, Bar, and Shape
24 gov.law.as: ASTM D2502: Standard Test Method for Estimation of Molecular Weight (Relat
79 gov.law.as: ASTM D756: Standard Practice for Determination of Weight and Shape Chang
62 gov.law.as: ASTM D3177: Standard Test Method for Total Sulfur in the Analysis Sample of
41 gov.law.as: ASTM F1199: Cast (All Temperatures and Pressures) and Welded Pipe Line S
52 gov.law.as: ASTM F1271: Standard Specification for Spill Valves for Use in Marine Tank Li
62 gov.law.as: ASTM E885: Standard Test Method for Analyses of Metals in Refuse-Derived F
51 gov.law.as: ASTM A516: Standard Specification for Pressure Vessel Plates, Carbon Steel,
36 gov.law.as: ASTM C1114: Standard Test Method for Steady-State Thermal Transmission F
44 gov.law.as: ASTM D6420: Standard Test Method for Determination of Gaseous Organic Co
25 gov.law.as: ASTM D2908: Standard Practice for Measuring Volatile Organic Matter in Wate
31 gov.law.as: ASTM D3695: Standard Test Method for Volatile Alcohols in Water by Direct A
54 gov.law.as: ASTM D2908: Standard Practice for Measuring Volatile Organic Matter in Wate
31 gov.law.as: ASTM D1217: Standard Test Method for Density and Relative Density (Specific
76 gov.law.as: ASTM D665: Standard Test Method for Rust-Preventing Characteristics of Inhil
139 gov.law.as: ASTM E711: Standard Test Method for Gross Calorific Value of Refuse-Derive
35 gov.law.as: ASTM D1481: Standard Test Method for Density and Relative Density (Specific
36 gov.law.as: ASTM A588: High-Strength Low-Alloy Structural Steel with 50 ksi Minimum Yie
60 gov.law.as: ASTM E1337: Standard Test Method for Determining Longitudinal Peak Brakin
49 gov.law.as: ASTM F1200: Standard Specification for Fabricated (Welded) Pipe Line Strain
19 gov.law.as: ASTM D4891: Standard Test Method for Heating Value of Gases in Natural Ga
125 gov.law.as: ASTM D4442: Standard Test Method for Direct Moisture Content Measuremen
56 gov.law.as: ASTM F1173: Standard Specification for Thermosetting Resin Fiberglass Pipe
79 gov.law.as: ASTM D2505: Standard Test Method for Ethylene, Other Hydrocarbons, and C
165 gov.law.as: ASTM C1371: Standard Test Method for Determination of Emittance of Materie
143 gov.law.as: ASTM D3588: Standard Practice for Calculating Heat Value, Compressibility Fa
103 gov.law.as: ASTM D4084: Standard Test Method for Analysis of Hydrogen Sulfide in Gase
208 gov.law.as: ASTM D5373: Standard Methods for Instrumental Determination of Carbon, Hy
25 gov.law.as: ASTM C1374: Standard Test Method for Determination of Installed Thickness c
98 gov.law.as: ASTM D1331: Standard Test Methods for Surface and Interfacial Tension of S
138 gov.law.as: ASTM D3286: Standard Test Method for Gross Calorific Value of Coal and Co
78 gov.law.as: ASTM D1319: Standard Test Method for Hydrocarbon Types in Liquid Petroleu
181 gov.law.as: ASTM D1962: Standard Test Method for Saponification Value of Drying Oils, F
72 gov.law.as: ASTM D2099: Standard Test Method for Dynamic Water Resistance of Shoe L
229 gov.law.as: ASTM G151: Standard Practice for Exposing Nonmetallic Materials in Accelera
622 gov.law.as: ASTM E29: Standard Practice for Using Significant Digits in Test Data to Deter
280 gov.law.as: ASTM D2161: Standard Method of Conversion of Kinematic Viscosity to Saybo
141 gov.law.as: ASTM E283: Standard Test Method for Determining the Rate of Air Leakage TI
199 gov.law.as: ASTM D1785: Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Pip
102 gov.law.as: ASTM D781: Standard Test Methods for Puncture and Stiffness of Paperboard
33 gov.law.as: ASTM D3178: Standard Test Method for Carbon and Hydrogen in the Analysis
41 gov.law.as: ASTM F1007: Standard Specification for Pipe-Line Expansion Joints of the Pac
57 gov.law.as: ASTM D2236: Standard Method of Test for Dynamic Mechanical Properties of
74 gov.law.as: ASTM D4809: Standard Test Method for Heat of Combustion of Liquid Hydroca
131 gov.law.as: ASTM D2015: Standard Test Method for Gross Calorific Value of Solid Fuel by
189 gov.law.as: ASTM D2216: Standard Test Method for Laboratory Determination of Water (M
74 gov.law.as: ASTM E185: Standard Practice for Conducting Surveillance Tests for Light-Wa
116 gov.law.as: ASTM D4294: Standard Test Method for Sulfur in Petroleum and Petroleum Pr

downloads identifier title

26 gov.law.as: ASTM F2007 (2006): Standard Practice for Design, Manufacture, and Operatio
20 gov.law.as: ASTM F1950 (1999): Standard Specification for Physical Information to be Trai
25 gov.law.as: ASTM F2007 (2000): Standard Practice for Design, Manufacture, and Operatio
33 gov.law.as: ASTM F698 (1994): Standard Specification for Physical Information to be Provi
52 gov.law.as: ASTM F2376 (2006): Standard Practice for Classification, Design, Manufacture
25 gov.law.as: ASTM F1305 (1994): Standard Guide for Classification of Amusement Ride an
4 gov.in.is.14: IS 1448-12: Methods of test for petroleum and its products, Part 12: Colour by .
24 gov.law.as: ASTM D5392: Standard Test Method for Isolation and Enumeration of Escheric
64 gov.law.as: ASTM D1060: Standard Method of Core Sampling of Raw Wool Packages for I
43 gov.law.as: ASTM C177: Standard Test Method for Steady-State Heat Flux Measurements
29 gov.law.as: ASTM A529: Structural Steel with 42,000PSI (290 Mpa) Minimum Yield Point (‘
81 gov.law.as: ASTM C177: Standard Test Method for Steady-State Heat Flux Measurements
52 gov.law.as: ASTM A529: Structural Steel with 42,000PSI (290 Mpa) Minimum Yield Point (‘
36 gov.law.as: ASTM D2597: Standard Test Method for Analysis of Demethanized Hydrocarb
74 gov.law.as: ASTM C236: Standard Test Method for Steady-State Thermal Performance of
56 gov.law.as: ASTM D6228: Standard Test Method for Determination of Sulfur Compounds in
88 gov.law.as: ASTM D4239: Standard Test Methods for Sulfur in the Analysis Sample of Coa
26 gov.law.as: ASTM D2777: Standard Practice for Determination of Precision and Bias of Ap
83 gov.law.as: ASTM D1412: Standard Test Method for Equilibrium Moisture of Coal at 96 to 9
376 gov.law.as: ASTM G26: Standard Recommended Practice for Light- and Water-Exposure /
230 gov.law.as: ASTM G23: Standard Practice for Operating Light Exposure Apparatus (Carbo
137 gov.law.as: ASTM C518: Standard Test Method for Steady-State Heat Flux Measurements
73 gov.law.as: ASTM F1321: Standard Guide for Conducting a Stability Test (Lightweight Sun
199 gov.law.as: ASTM D2565: Standard Practice for Operating Xenon Arc-Type Light-Exposur
54 gov.law.as: ASTM B694: Standard Specification for Copper, Copper Alloy, and Copper-Cla
74 gov.law.as: ASTM C518: Standard Test Method for Steady-State Heat Flux Measurements
168 gov.law.as: ASTM D1298: Standard Practice for Density, Relative Density (Specific Gravity
157 gov.law.as: ASTM E1333: Standard Test Method for Determining Formaldehyde Levels fro
86 gov.law.as: ASTM F1159 (2003): Standard Practice for Design and Manufacture of Patron
121 gov.law.as: ASTM D6522: Standard Test Method for Determination of Nitrogen Oxides, Ca

marine Piping Applications
Control and Storage
of Volatile Liquids
Controlled Plasma

Low- and Intermediate-Tensile Strength
Liquid Chromatography
SI Units
SI Units
SI Units
SI Units and Fittings
(Temperature Method)
Moisture Meters
SI Units
SI Units Analysis

SI Units Analysis
Atmospheric Pressure
Coal and Coke
(Method)
SI Units Used in Piping Applications

t

el
:up

Control and Storage
of Polymers in Emulsion Paints
Marine Fire Applications

oe Couplings
f Opaque Liquids

erials
trolled Environments
orescence Spectroscopy
trolled Environments
ing Materials

tography
Quantitative Analysis
Bomb Method)
ater by Ion Chromatography
rs

and Covers
ties from Steady-State Heat Flux Measurements

Suitable for Welding
ons

ints
n Materials
r Building Construction
loy Products
Chemicals
Concrete
uel
ed Natural and Synthetic Rubbers
Electrical Insulating Materials

d Materials

le Products
erials
Environments

lating Materials
sives and Coating Materials
uels
on
plications Above Zero Degrees F
ckel
stems
ing in Rounds and Shapes
tructural Steel
oncrete

eric Materials to Fungi
n Tile
or Concrete Reinforcement
ng
d Gasoline by Gas Chromatography

u Fuels
Materials
Using Inspection-Meter Techniques
matography
ary Boiler Service
UV Exposure of Nonmetallic Materials
Microcoulometry
ymers and Copolymers
ications
100 Percent Relative Humidity
metry
nd Related Products
or Weathering Apparatus
ycle Fatigue Testing
odified Kjeldahl Method

roleum Products
ospheric Pressure
on of Catch Basins and Manholes
oses
n
t

Substrate
Bomb Method)
ind Plate
ation Ovens
Cup Tester
oses
;
ctural Tubing
r Units

Bomb Method)
(Reid Method)
radient Technique
d Opaque Liquids
eum Products
) of Sheet Materials

adium in Water
al Quality
rel Fabrics
sic Thermal Insulation
o Elastomers-Tension
t and Sealing Material
ethane Foam
Expanded Rubber
Steel Products

ce
Materials

sion Joints for Piping Applications

rometer Hardness
ction of Amusement Rides and Devices
ment Rides and Devices
eveloped
nd Maintenance of Inflatable Amusement Devices
ment Rides and Devices
Devices
ides and Devices
ment Rides and Devices
Devices
ction of Amusement Rides and Devices
ment Rides and Devices
eveloped
stics of Amusement Rides and Devices
eveloped
h of Cigarettes
o Gravity) of Viscous Materials by Bingham Pycnometer
tion Gasoline by Gas Chromatography
r and Roof Construction to Impact Loading
y Tile, Facing Brick, and Solid Masonry Units
length Dispersive X-ray Fluorescence Spectrometry
s Ground Cover in Crawl Spaces
by Thermoelectric Measurement of Vapor Pressure
nship and Initial Decomposition Temperature of Liquids by Isoteniscope
Gases and Propane Concentrates by Gas Chromatography
fficiency Particulate Air-Filter System
f Petroleum Products and Hydrocarbon Solvents
mine Conformance with Specifications
odisperse DOP (Dioctyl Phthalate) Smoke Test
Conformance with Design and Performance Specifications
uid Petroleum Hydrocarbons by Oxidative Microcoulometry
etroleum Products (Hydrometer Method)
Refuse-Derived Fuel

es for Use in Screw Machines
tive Molecular Mass) of Petroleum Oils from Viscosity Measurements
es of Plastics Under Accelerated Service Conditions
Coal and Coke
ainers (150 psig and 150 Degrees F Maximum)
iquid Overpressure Protection Applications
Fuel by Atomic Absorption Spectroscopy
for Moderate and Lower-Temperature Service
Properties by Means of the Thin-Heater Apparatus
ompounds by Direct Interface Gas Chromatography-Mass Spectrometry
er by Aqueous-Injection Gas Chromatography
queous-Injection Gas Chromatography
er by Aqueous-Injection Gas Chromatography
Specific Gravity) of Liquids by Bingham Pycnometer
bited Mineral Oil in the Presence of Water
d Fuel by the Bomb Calorimeter
Specific Gravity) of Viscous Materials by Lipkin Bicapillary Pycnometer
Id Point to 4 inches Thick
ing Coefficient of Paved Surfaces Using Standard Reference Test Tire
ers (Above 150 psig and 150°F)
is Range by Stoichiometric Combustion
t of Wood and Wood-Based Materials
and Fittings to be Used for Marine Applications
arbon Dioxide in High-Purity Ethylene by Gas Chromatography
als Near Room Temperature Using Portable Emissometers
actor, and Relative Density (Specific Gravity) of Gaseous Fuels
ous Fuels (Lead Acetate Reaction Rate Method)
ydrogen, and Nitrogen in Laboratory Samples of Coal and Coke
of Pneumatically Applied Loose-Fill Building Insulation
olutions of Surface Active Agents
ce by the Isotherm Bomb Calorimeter
im Products by Fluorescent Indicator Adsorption
atty Acids, and Polymerized Fatty Acids
pper Maeser Water Penetration Tester
ited Test Devices that Use Laboratory Light Sources
mine Conformance with Specifications
ult Universal Viscosity or to Saybolt Furol Viscosity
hrough Exterior Windows, Curtain Walls, and Doors
e, Schedules 40, 80, and 120
l and Corrugated and Solid Fiberboard
Sample of Coal and Coke
oked Slip Type for Marine Application
Plastics by Means of a Torsional Pendulum
arbon Fuels by Bomb Calorimeter (Precision Method)
the Adiabatic Bomb Calorimeter
moisture) Content of Soil and Rock by Mass
iter Cooled Nuclear Power Reactor Vessels
oducts by Energy-Dispersive X-Ray Fluorescence Spectrometry

on of Concession Go Karts and Facilities
nsferred With Used Amusement Rides and Devices
on of Concession Go Karts and Facilities
ided for Amusement Rides and Devices
e, Construction, and Operation of Water Slide Systems
d Device Related Injuries and Illnesses
ASTM colour scale
chia Coli in Water by the Two-Step Membrane Filter Procedure
Determination of Percentage of Clean Wool Fiber Present
and Thermal Transmission Properties by Means of the Guarded Hot-Plate Apparatus
1/2 in (12.7 mm) Maximum Thickness
and Thermal Transmission Properties by Means of the Guarded Hot-Plate Apparatus
1/2 in (12.7 mm) Maximum Thickness
on Liquid Mixtures Containing Nitrogen and Carbon Dioxide by Gas Chromatography
Building Assemblies by Means of a Guarded Hot Box
n Natural Gas and Gaseous Fuels by Gas Chromatography and Flame Photometric Detection
il and Coke Using High Temperature Tube Furnace Combustion Methods
licable Test Methods of Committee D-19 on Water
97 Percent Relative Humidity and 30 Degrees Celsius
Apparatus (Xenon-Arc Type) for Exposure of Non-metallic Materials
n Arc Type) With and Without Water for Exposure of Nonmetallic Materials
and Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
vey and Inclining Experiment) to Determine Light Ship Displacement and Centers of Gravity of a Vess
e Apparatus With or Without Water for Exposure of Plastics
d Stainless Steel Sheet and Strip for Electrical Cable Shielding
and Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
, or API Gravity of Crude Petroleum and Liquid Petroleum Products
m Wood Products Under Defined Test Conditions Using a Large Chamber
Directed, Artificial Climbing Walls, Dry Slide, Coin Operated and Purposeful Water Immersion Amuse
rbon Monoxide, and Oxygen Concentrations in Emissions from Natural Gas-Fired Reciprocating Engir

al

ment
es, Combustion Turbines, Boilers, and Process Heaters Using Portable Analyzers