

## APPENDIX A

Plaintiffs move for summary judgment on the 217 standards listed in this appendix.

<b>AMERICAN SOCIETY FOR TESTING AND MATERIALS D/B/A ASTM INTERNATIONAL STANDARDS</b>		
<b>Designation</b>	<b>Edition</b>	<b>Title</b>
A36	1977ae	Standard Specification for Structural Steel
A36/A36M	1997ae1	Standard Specification for Carbon Structural Steel
A82	1979	Standard Specification for Cold-Drawn Steel Wire for Concrete Reinforcement
A106/A106M	2004b	Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service
A184	1979	Standard Specification for Fabricated Deformed Steel Bar Mats for Concrete Reinforcement
A185	1979	Standard Specification for Welded Steel Wire Fabric for Concrete Reinforcement
A203/A203M	1997	Standard Specification for Pressure Vessel Plates, Alloy Steel, Nickel
A242	1979	Standard Specification for High-Strength Low-Alloy Structural Steel
A285	1978	Standard Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength
A307	1978e	Standard Specification for Carbon Steel Externally Threaded Standard Fasteners
A325	1979	Standard Specification for High-Strength Bolts for Structural Steel Joints
A333/A333M	1994	Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service
A369/A369M	1992	Standard Specification for Carbon and Ferritic Alloy Steel Forged and Bored Pipe for High-Temperature Service
A370	1977e2	Standard Methods and Definitions for Mechanical Testing of Steel Products
A441	1979	Standard Specification for High-Strength Low-Alloy Structural Manganese Vanadium Steel
A449	1978a	Standard Specification for Quenched and Tempered Steel Bolts and Studs
A475	1978(1984)e1	Standard Specification for Zinc-Coated Steel Wire Strand
A490	1979	Standard Specification for Quenched and Tempered Alloy Steel Bolts for Structural Steel Joints
A496	1978	Standard Specification for Deformed Steel Wire for Concrete Reinforcement
A497	1979	Standard Specification for Welded Deformed Steel Wire Fabric for Concrete Reinforcement
A500	1978	Standard Specification for Cold-Formed Welded and Seamless

<b>AMERICAN SOCIETY FOR TESTING AND MATERIALS D/B/A ASTM INTERNATIONAL STANDARDS</b>		
<b>Designation</b>	<b>Edition</b>	<b>Title</b>
		Carbon Steel Structural Tubing in Rounds and Shapes
A501	1976	Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing
A502	1976	Standard Specification for Steel Structural Rivets
A514	1977	Standard Specification for High-Yield Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding
A522/A 522M	1995b	Standard Specification for Forged or Rolled 8 and 9 % Nickel Alloy Steel Flanges, Fittings, Valves, and Parts for Low-Temperature Service
A539	1990a	Standard Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines
A570	1979	Standard Specification for Hot-Rolled Carbon Steel Sheet and Strip, Structural Quality
A572	1979	Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Steels of Structural Quality
A588	1979a	Standard Specification for High-Strength Low-Alloy Structural Steel with 50, 000 psi Minimum Yield Point to 4 in. Thick
A611	1972(1979)	Standard Specification for Steel, Cold-rolled Sheet, Carbon, Structural
A615	1979	Standard Specification for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement
A616	1979	Standard Specification for Rail-Steel Deformed and Plain Bars for Concrete Reinforcement
A617	1979	Standard Specification for Axle-Steel Deformed and Plain Bars for Concrete Reinforcement
A633	1979a	Standard Specification for Normalized High-Strength Low Alloy Structural Steel
B16	1992	Standard Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines
B21	1983b	Standard Specification for Naval Brass Rod, Bar, and Shapes
B21	1996	Standard Specification for Naval Brass Rod, Bar, and Shapes
B42	1996	Standard Specification for Seamless Copper Pipe, Standard Sizes
B68	1995	Standard Specification for Seamless Copper Tube, Bright Annealed
B75	1997	Standard Specification for Seamless Copper Tube
B85	1984	Standard Specification for Aluminum-Alloy Die Castings
B88	1996	Standard Specification for Seamless Copper Water Tube
B96	1993	Standard Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels
B111	1995	Standard Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock
B122/B122M	1995	Standard Specification for Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate,

AMERICAN SOCIETY FOR TESTING AND MATERIALS D/B/A ASTM INTERNATIONAL STANDARDS		
Designation	Edition	Title
		Sheet, Strip and Rolled Bar
B124	1996	Standard Specification for Copper and Copper-Alloy Forging Rod, Bar, and Shapes
B209	1996	Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate
B224	1980e1	Standard Classification of Coppers
B283	1996	Standard Specification for Copper and Copper-Alloy Die Forgings (Hot-Pressed)
B315	1993	Standard Specification for Seamless Copper Alloy Pipe and Tube
B557	1984	Standard Methods of Tension Testing Wrought and Cast Aluminum and Magnesium-Alloy Products
B580	1979	Standard Specification for Anodized Oxide Coatings on Aluminum
B694	1986	Standard Specification for Copper, Copper Alloy, and Copper-Clad Stainless Steel Sheet and Strip for Electrical Cable Shielding
C5	1979(1997)	Standard Specification for Quicklime for Structural Purposes
C150	1999a	Standard Specification for Portland Cement
C177	1997	Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded Hot-Plate Apparatus
C236	1989(1993)e1	Standard Test Method for Steady-State Thermal Performance of Building Assemblies by Means of a Guarded Hot Box
C330	1999	Standard Specification for Lightweight Aggregates for Structural Concrete
C509	1984	Standard Specification for Cellular Elastomeric Preformed Gasket and Sealing Material
C516	1980(1996)e1	Standard Specification for Vermiculite Loose Fill Thermal Insulation
C518	1991	Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
C549	1981(1995)e1	Standard Specification for Perlite Loose Fill Insulation
C564	1970(1982)	Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings
D86	2007	Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure
D129	1995	Standard Test Method for Sulfur in Petroleum Products (General Bomb Method)
D396	1998	Standard Specification for Fuel Oils
D512	1989(1999)	Standard Test Methods for Chloride Ion In Water
D611	1982(1998)	Standard Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents
D665	1998e1	Standard Test Method for Rust-Preventing Characteristics of

<b>AMERICAN SOCIETY FOR TESTING AND MATERIALS D/B/A ASTM INTERNATIONAL STANDARDS</b>		
<b>Designation</b>	<b>Edition</b>	<b>Title</b>
		Inhibited Mineral Oil in the Presence of Water
D814	1995	Standard Test Method for Rubber Property--Vapor Transmission of Volatile Liquids
D975	1998b	Standard Specification for Diesel Fuel Oils
D975	2007	Standard Specification for Diesel Fuel Oils
D1217	1993(1998)	Standard Test Method for Density and Relative Density (Specific Gravity) of Liquids by Bingham Pycnometer
D1246	1995(1999)	Standard Test Method for Bromide Ion in Water
D1253	1986(1996)	Standard Test Method for Residual Chlorine in Water
D1266	1998	Standard Test Method for Sulfur in Petroleum Products (Lamp Method)
D1298	1999	Standard Test Method for Density, Relative Density (Specific Gravity), or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method
D1335	1967(1972)	Standard Method of Test for Tuft Bind of Pile Floor Coverings
D1412	1993(1997)	Standard Test Method for Equilibrium Moisture of Coal at 96 to 97 Percent Relative Humidity and 30 Degrees Celsius
D1480	1993(1997)	Standard Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Bingham Pycnometer
D1481	1993(1997)	Standard Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Lipkin Bicapillary Pycnometer
D1518	1985(1998)e1	Standard Test Method for Thermal Transmittance of Textile Materials
D1535	1989	Standard Test Method for Specifying Color by the Munsell System
D1552	1995	Standard Test Method for Sulfur in Petroleum Products (High-Temperature Method)
D1688	1995	Standard Test Methods for Copper in Water
D1785	1986	Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe, Schedules 40, 80, and 120
D1835	1997	Standard Specification for Liquefied Petroleum (LP) Gases
D1890	1996	Standard Test Method for Beta Particle Radioactivity of Water
D1943	1996	Standard Test Method for Alpha Particle Radioactivity of Water
D1945	1996	Standard Test Method for Analysis of Natural Gas By Gas Chromatography
D1946	1990(1994)e1	Standard Practice for Analysis of Reformed Gas by Gas Chromatography
D2013	1986(1994)	Standard Method of Preparing Coal Samples for Analysis
D2015	1996	Standard Test Method for Gross Calorific Value of Coal and Coke by the Adiabatic Bomb Calorimeter
D2036	1998	Standard Test Method for Cyanides in Water
D2163	1991(1996)	Standard Test Method for Analysis of Liquefied Petroleum (LP) Gases and Propane Concentrates by Gas Chromatography

<b>AMERICAN SOCIETY FOR TESTING AND MATERIALS D/B/A ASTM INTERNATIONAL STANDARDS</b>		
<b>Designation</b>	<b>Edition</b>	<b>Title</b>
D2216	1998	Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
D2234	1998	Standard Practice for Collection of a Gross Sample of Coal
D2460	1997	Standard Test Method for Alpha-Particle-Emitting Isotopes of Radium in Water
D2502	1992(1996)	Standard Test Method for Estimation of Molecular Weight (Relative Molecular Mass) of Petroleum Oils from Viscosity Measurements
D2503	1992(1997)	Standard Test Method for Relative Molecular Mass (Molecular Weight) of Hydrocarbons by Thermoelectric Measurement of Vapor Pressure
D2597	1994(1999)	Standard Test Method for Analysis of Demethanized Hydrocarbon Liquid Mixtures Containing Nitrogen and Carbon Dioxide by Gas Chromatography
D2622	1998	Standard Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry
D2724	1987(1995)	Standard Test Methods for Bonded, Fused, and Laminated Apparel Fabrics
D2777	1998	Standard Practice for Determination of Precision and Bias of Applicable Test Methods of Committee D-19 on Water
D2879	1997	Standard Test Method for Vapor Pressure-Temperature Relationship and Initial Decomposition Temperature of Liquids by Isoteniscope
D2986	1995a(1999)	Standard Practice for Evaluation of Air, Assay Media by the Monodisperse DOP (Dioctyl Phthalate) Smoke Test
D3120	1996	Standard Test Method for Trace Quantities of Sulfur in Light Liquid Petroleum Hydrocarbons by Oxidative Microcoulometry
D3173	1987(1996)	Standard Test Method for Moisture in the Analysis Sample of Coal and Coke
D3178	1989(1997)	Standard Test Methods for Carbon and Hydrogen in the Analysis Sample of Coal and Coke
D3236	1988(1999)	Standard Test Method for Apparent Viscosity of Hot Metal Adhesives and Coating Materials
D3246	1996	Standard Test Method for Sulfur in Petroleum Gas by Oxidative Microcoulometry
D3286	1996	Standard Test Method for Gross Calorific Value of Coal and Coke by the Isoperibol Bomb Calorimeter
D3371	1995	Standard Test Method for Nitriles in Aqueous Solution by Gas-Liquid Chromatography
D3454	1997	Standard Test Method for Radium-226 in Water
D3588	1998	Standard Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels
D3697	1992(1996)	Standard Test Method for Antimony in Water

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<b>Designation</b>	<b>Edition</b>	<b>Title</b>
D4177	1995	Standard Practice for Automatic Sampling of Petroleum and Petroleum Products
D4239	1997e1	Standard Test Methods for Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods
D4268	1993	Standard Test Method for Testing Fiber Ropes
D4294	1998	Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectrometry
D4329	1999	Standard Practice for Fluorescent UV Exposure of Plastics
D4809	1995	Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter (Precision Method)
D4891	1989(1994)e1	Standard Test Method for Heating Value of Gases in Natural Gas Range by Stoichiometric Combustion
D4986	1998	Standard Test Method for Horizontal Burning Characteristics of Cellular Polymeric Materials
D5257	1997	Standard Test Method for Dissolved Hexavalent Chromium in Water by Ion Chromatography
D5373	1993(1997)	Standard Methods for Instrumental Determination of Carbon, Hydrogen, and Nitrogen in Laboratory Samples of Coal and Coke
D5489	1996a	Standard Guide for Care Symbols for Care Instructions Textile Products
D5673	1996	Standard Test Method for Elements in Water by Inductively Coupled Plasma- Mass Spectrometry
D5865	1998a	Standard Test Method for Gross Calorific Value of Coal and Coke
D6216	1998	Standard Practice for Opacity Monitor Manufacturers to Certify Conformance with Design and Performance Specifications
D6228	1998	Standard Test Method for Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Flame Photometric Detection
D6420	1999	Standard Test Method for Determination of Gaseous Organic Compounds by Direct Interface Gas Chromatography-Mass Spectrometry
D6503	1999	Standard Test Method for Enterococci in Water Using Enterolert
E11	1995	Standard Specification for Wire Cloth and Sieves for Testing Purposes
E23	1982	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials
E29	1990	Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications
E72	1980	Standard Methods of Conducting Strength Tests of Panels for Building Construction
E96	1995	Standard Test Methods for Water Vapor Transmission of Materials
E145	1994e1	Standard Specification for Gravity-Convection and Forced-

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<b>Designation</b>	<b>Edition</b>	<b>Title</b>
		Ventilation Ovens
E169	1987	Standard Practices for General Techniques of Ultraviolet-Visible Quantitative Analysis
E185	1982	Standard Practice for Conducting Surveillance Tests for Light-Water Cooled Nuclear Power Reactor Vessels
E260	1996	Standard Practice for Packed Column Gas Chromatography
E283	1991(1999)	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
E408	1971	Standard Methods of Test for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques
E424	1971	Standard Methods of Test for Solar Energy Transmittance and Reflectance (Terrestrial) of Sheet Materials
E606	1980	Standard Recommended Practice for Constant-Amplitude Low-Cycle Fatigue Testing
E681	1985	Standard Test Method for Concentration Limits of Flammability of Chemicals
E695	1979(1997)e 1	Standard Method of Measuring Relative Resistance of Wall, Floor, and Roof Construction to Impact Loading
E711	1987(1992)	Standard Test Method for Gross Calorific Value of Refuse-Derived Fuel by the Bomb Calorimeter
E773	1997	Standard Test Method for Accelerated Weathering of Sealed Insulating Glass Units
E774	1997	Standard Specifications for the Classification of the Durability of Sealed Insulating Glass Units
E776	1987(1992)	Standard Test Method for Forms of Chlorine in Refuse-Derived Fuel
E885	1988	Standard Test Methods for Analyses of Metals in Refuse-Derived Fuel by Atomic Absorption Spectroscopy
E1337	1990(1996)	Standard Test Method for Determining Longitudinal Peak Braking Coefficient of Paved Surfaces Using a Standard Reference Test Tire
F462	1979(1999)	Standard Consumer Safety Specification for Slip-Resistant Bathing Facilities
F478	1992(1999)	Standard Specification for In-Service Care of Insulating Line Hose and Covers
F631	1980(1985)	Standard Method for Testing Full Scale Advancing Spill Removal Devices
F631	1993	Standard Guide for Collecting Skimmer Performance Data in Controlled Environments
F682	1982a(1988)	Standard Specification for Wrought Carbon Steel Sleeve-Type Pipe Couplings
F715	1981(1986)	Standard Methods of Testing Spill Control Barrier Membrane

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<b>Designation</b>	<b>Edition</b>	<b>Title</b>
		Materials
F715	1995	Standard Test Methods for Coated Fabrics Used for Oil Spill Control and Storage
F722	1982(1988)	Standard Specification for Welded Joints for Shipboard Piping Systems
F808	1983(1988)e1	Standard Guide for Collecting Skimmer Performance Data in Uncontrolled Environments
F1003	1986(1992)	Standard Specification for Searchlights on Motor Lifeboats
F1006	1986(1997)	Standard Specification for Entrainment Separators for Use in Marine Piping Applications
F1007	1986(1996)e1	Standard Specification for Pipe-Line Expansion Joints of the Packed Slip Type for Marine Application
F1014	1992	Standard Specification for Flashlights on Vessels
F1020	1986(1996)e1	Standard Specification for Line-Blind Valves for Marine Applications
F1120	1987(1998)	Standard Specification for Circular Metallic Bellows Type Expansion Joints for Piping Applications
F1121	1987(1998)	Standard Specification for International Shore Connections for Marine Fire Applications
F1122	1987(1998)	Standard Specification for Quick Disconnect Couplings
F1123	1987(1998)	Standard Specification for Non-Metallic Expansion Joints
F1139	1988(1998)	Standard Specification for Steam Traps and Drains
F1155	1998	Standard Practice for Selection and Application of Piping System Materials
F1172	1988(1998)	Standard Specification for Fuel Oil Meters of the Volumetric Positive Displacement Type
F1173	1995	Standard Specification for Thermosetting Resin Fiberglass Pipe and Fittings to be Used for Marine Applications
F1193	2006	Standard Practice for Quality, Manufacture, and Construction of Amusement Rides and Devices
F1199	1988(1998)	Standard Specification for Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150 Degrees F Maximum)
F1200	1988(1998)	Standard Specification for Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150°F)
F1201	1988(1998)	Standard Specification for Fluid Conditioner Fittings in Piping Applications Above Zero Degrees F
F1271	1990(1995)e1	Standard Specification for Spill Valves for Use in Marine Tank Liquid Overpressure Protections Applications
F1273	1991(1996)e1	Standard Specification for Tank Vent Flame Arresters
F1321	1992	Standard Guide for Conducting a Stability Test (Lightweight Survey and Inclining Experiment) to Determine Light Ship



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<b>Designation</b>	<b>Edition</b>	<b>Title</b>
		Displacement and Centers of Gravity of a Vessel
F1323	1998	Standard Specification for Shipboard Incinerators
F1471	1993	Standard Test Method for Air Cleaning Performance of a High-Efficiency Particulate Air-Filter System
F1546/F 1546M	1996	Standard Specification for Fire Hose Nozzles
F1548	1994	Standard Specification for the Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications
F1951	1999	Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment
G21	1990	Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
G151	1997	Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources
G154	2000a	Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials

<b>NATIONAL FIRE PROTECTION ASSOCIATION, INC. STANDARDS</b>		
<b>Designation</b>	<b>Edition</b>	<b>Title</b>
NFPA 1	2003	Uniform Fire Code
NFPA 1	2006	Uniform Fire Code
NFPA 11	2005	Standard for Low Medium and High Expansion Foam
NFPA 12	2005	Standard on Carbon Dioxide Extinguishing Systems
NFPA 10	2002	Standard for Portable Fire Extinguishers (Title of work on certificate of registration is "National Fire Codes Vol. 1-12 and Master Index")
NFPA 13	2002	Installation of Sprinkler Systems (Title of work on certificate of registration is "National Fire Codes Vol. 1-12 and Master Index")
NFPA 25	2002	Inspection, Testing and Maintenance of Water-Based Fire Protection Systems (Title of work on certificate of registration is "National Fire Codes Vol. 1-12 and Master Index")
NFPA 30	2003	Flammable and Combustible Liquids Code
NFPA 54	2006	National Fuel Gas Code
NFPA 58	2001	Liquefied Petroleum Gas Code (Title of work on certificate of registration is "National Fire Codes Vol 3")
NFPA 58	2004	Liquefied Petroleum Gas Code
NFPA 59	2004	Utility LP Gas Plant Code
NFPA 70	1999	National Electrical Code
NFPA 70	2005	National Electrical Code
NFPA 70	2008	National Electrical Code
NFPA 70	2011	National Electrical Code
NFPA 70	2014	National Electrical Code

<b>NATIONAL FIRE PROTECTION ASSOCIATION, INC. STANDARDS</b>		
<b>Designation</b>	<b>Edition</b>	<b>Title</b>
NFPA 72	2002	National Fire Alarm Code
NFPA 99	2005	Health Care Facilities Code
NFPA 101	2000	Life Safety Code
NFPA 101	2003	Life Safety Code
NFPA 101	2006	Life Safety Code
NFPA 704	2007	Standard System for the Identification of the Hazards of Materials for Emergency Response

<b>AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS STANDARDS</b>		
<b>Designation</b>	<b>Edition</b>	<b>Title</b>
ASHRAE 90.1	2004	Energy Standard for Buildings Except Low-Rise Residential Buildings
ASHRAE 90.1	2007	Energy Standard for Buildings Except Low-Rise Residential Buildings
ASHRAE 90.1	2010	Energy Standard for Buildings Except Low-Rise Residential Buildings