

## FY 2018 Staff Activities in Voluntary Standards

- Adult Portable Bed Rails

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Adult Portable Bed Rails and Related Products* (ASTM F3186)
- **Purpose:** To work with ASTM to develop a standard to address hazards associated with adult portable bed rails.

- All-Terrain Vehicles (ATVs)

- **Voluntary Standard(s):** *Four Wheel All-Terrain Vehicles* (ANSI/SVIA 1-2017)
- **Purpose:** To work with SVIA on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with ATVs.

- Bassinets/Cradles

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Bassinets and Cradles* (ASTM F2194)
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with bassinets and cradles.

- Bath Tubs (Adult)

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Slip-Resistant Bathing Facilities* (ASTM F462)
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with adult bath tubs.

- Batteries: Ingestion (Button)

- **Voluntary Standard(s):** *Standard for Safety for Products that Incorporate Button or Coin Cell Batteries Using Lithium Technologies, (UL 4200A)*
- **Purpose:** To work with UL on revising the battery safety standards to address the hazards associated with ingestion of small batteries.

- Batteries: Fire (High Energy Density)

- **Voluntary Standard(s):** *Standard for Rechargeable Batteries for Mobile Telephones (IEEE 1725); Standard for Rechargeable Batteries for Multi-Cell Computing (IEEE 1625); Standard for Safety for Lithium Batteries (UL 1642); Safety Standards for Primary, Secondary and Lithium Batteries (ANSI/NEMA C18); Standard for Household and Commercial Batteries (UL 2054); Standard for Audio, Video, and Similar Electronic Apparatus–Safety Requirements (UL 60065); Outline of Investigation for Safety of Power Banks (UL 2056)*
- **Purpose:** To work with the various standard developers on revising battery and battery charger safety standards and support developing certification programs for batteries to address hazards, including overheating, fire, thermal burns, exposure to electrolytes, explosions, and electrical shock from chargers.

- Bed Rails (Children’s)

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Portable Bed Rails (ASTM F2085)*
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with portable bed rails for children.

- Bedside Sleepers

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Bedside Sleepers (ASTM F2906)*

- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with bedside sleepers.

- **Booster Seats**

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Booster Seats (ASTM F2640)*

- **Purpose:** To work with ASTM on revising the standard to: (1) strengthen its safety provisions addressing hazards, and (2) form the basis of a federal standard intended to reduce hazards associated with booster seats.

- **Candles and Candle Accessories**

- **Voluntary Standard(s):** *Standard Test Method for Collection and Analysis of Visible Emissions from Candles as They Burn (ASTM F2326); Standard Specification for Candle Fire Safety Labeling (ASTM F2058); Standard Specification for Fire Safety for Candles (ASTM F2417); Standard Specification for Fire Safety for Candle Accessories (ASTM F2601); Standard Specification for Annealed Soda-Lime-Silicate Glass Containers That Are Produced for Use as Candle Containers (ASTM F2179); Standard Guide for Terminology Related to Candles and Associated Accessory Items (ASTM F1972)*

- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with candles and candle accessories.

- **Carbon Monoxide (CO) Alarms**

- **Voluntary Standard(s):** *Single and Multiple Station Carbon Monoxide Alarms (UL 2034)*

- **Purpose:** To work with UL on revising the standard to address the hazards associated with carbon monoxide.

- Carriages and Strollers

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Carriages and Strollers (ASTM F833)*
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with for carriages and strollers.

- Changing Tables

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Baby Changing Tables for Domestic Use (ASTM F2388)*
- **Purpose:** To work with ASTM on revising the standard to: (1) strengthen its safety provisions addressing hazards, and (2) form the basis of a federal standard intended to reduce hazards associated with changing tables.

- Child Frame Carriers

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Frame Child Carriers (ASTM F2549)*
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with frame child carriers.

- Children's Folding (Youth) Chairs and Stools

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Children's Chairs and Stools (ASTM F2613)*

- **Purpose:** To work with ASTM on revising the standard to: (1) strengthen its safety provisions addressing hazards, and (2) form the basis of a federal standard intended to reduce hazards associated with children's folding chairs and stools.

- Child-Resistant Packaging

- **Voluntary Standard(s):** *Standard Classification of Child-Resistant Packages* (ASTM D3475)
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with child-resistant packaging.

- Clothes Dryers

- **Voluntary Standard(s):** *Standard for Electric Clothes Dryers* (UL 2158)
- **Purpose:** To work with UL on revising the standard to strengthen its safety provisions addressing hazards associated with clothes dryer fires.

- Commercial Cribs

- **Voluntary Standard(s):** *Standard Consumer Safety Performance Specification for Commercial Cribs* (ASTM F2710)
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with cribs in commercial settings, such as hotels and child care centers.

- Crib Bumpers (Infant Bedding)

- **Voluntary Standard(s):** *Standard Consumer Safety Performance Specification for Infant Bedding and Related Accessories* (ASTM F1917)

- **Purpose:** To work with ASTM on revising the standard to: (1) strengthen its safety provisions addressing hazards, and (2) form the basis of a federal standard intended to reduce hazards associated with crib bumpers.

- Crib Mattresses (including Supplemental Mattresses)

- **Voluntary Standard(s):** *Standard Consumer Safety Performance Specification for Crib Mattresses (ASTM F2933)*
- **Purpose:** To work with ASTM on revising the standard to: (1) strengthen its safety provisions addressing hazards, and (2) form the basis of a federal standard intended to reduce hazards associated with crib and supplemental mattresses.

- Fireworks

- **Voluntary Standard(s):** Various AFSL standards and APA 87-1
- **Purpose:** To work with AFSL and APA on revising the standards to strengthen safety provisions addressing hazards associated with consumer fireworks.

- Flame Mitigation Devices (FMDs) on Disposable Fuel Containers

- **Voluntary Standard(s):** None at this time
- **Purpose:** To work with ASTM to develop a voluntary safety standard containing requirements for flame mitigation devices (FMDs) for flammable liquid fuel containers used in open-flame consumer applications.

- Flammable Refrigerants

- **Voluntary Standard(s):** *Safety Requirements for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances, and Ice-Makers (CANENA/UL 66335-2-24); Standard for Dehumidifiers (UL 474); Standard for Room Air Conditioners (UL 484); Safety Standard for Refrigeration Systems (ANSI/ASHRAE Standard 15);*

*Designation and Safety Classification of Refrigerants (ANSI/ASHRAE Standard 34)*

- **Purpose:** To work with CANENA and UL on revising the standard to strengthen its safety provisions addressing hazards associated with flammable refrigerants (also known/marketed as “natural refrigerants”) used in household refrigerators and freezers.

- Full-Size Cribs

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Full-Size Cribs (ASTM F1169)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with full-size cribs.

- Furniture Tip Over

- **Voluntary Standard(s):** *Standard Safety Specification for Clothing Storage Units (ASTM F2057); Standard Performance Specification for Tipover Restraint(s) Used with Clothing Storage Unit(s) (ASTM F3096)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with furniture tipover incidents.

- Gas Furnaces (CO Sensors)

- **Voluntary Standard(s):** *Gas-Fired Central Furnaces (ANSI Z21.47); Gas-Fired Low Pressure Steam and Hot Water Boilers (ANSI Z21.13); Vented Gas-Fired Space Heating Appliances (ANSI Z21.86)*
- **Purpose:** To work with technical committees on revising the standards to strengthen safety provisions addressing hazards associated with carbon monoxide risks due to failure modes, such as disconnected vents and partially blocked vents.

- Gasoline Containers, Child-Resistance

- **Voluntary Standard(s):** *Standard Specification for Determination of Child Resistance of Portable Fuel Containers for Consumer Use (ASTM F2517)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with the poisoning of children from gasoline associated with portable fuel containers.

- Gasoline Containers, Flame Mitigation Devices (FMDs)

- **Voluntary Standard(s):** *Standard Specification for Cautionary Labeling of Portable Gasoline, Kerosene, and Diesel Containers for Consumer Use (ASTM F839); Standard Specification for Portable Gasoline Containers for Consumer Use (ASTM F852); Standard Specification for Portable Kerosene and Diesel Containers for Consumer Use (ASTM F976); Standard Specification for Spill Resistant Fueling Systems for Portable Fuel Containers for Consumer Use (ASTM F2234); Standard Specification for One Time Use Portable Emergency Fuel Containers (PEFC) for Use by Consumers (ASTM F2874)*
- **Purpose:** To work with ASTM on revising the standards to strengthen safety provisions addressing hazards associated with flammable liquid containers.

- Hand-Held Infant Carriers

- **Voluntary Standard(s):** *Standard Consumer Safety Performance Specification for Hand-Held Infant Carriers (ASTM F2050)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with hand-held carriers.



- High Chairs

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for High Chairs (ASTM F404)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with high chairs.

- Infant Bath Seats

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Infant Bath Seats (ASTM F1967)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant bath seats.

- Infant Bath Tubs

- **Voluntary Standard(s):** *Consumer Safety Specification for Infant Bath Tubs (ASTM F2670)*
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant tubs.

- Infant Bouncers

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Infant Bouncer Seats (ASTM F2167)*

- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant bouncer seats.

- Infant Gates and Other Enclosures

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures* (ASTM F1004)
- **Purpose:** To work with ASTM on revising the standard to: (1) strengthen its safety provisions addressing hazards, and (2) form the basis of a federal standard intended to reduce hazards associated with gates and enclosures.

- Infant Inclined Sleep Products

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Infant Inclined Sleep Products* (ASTM F3118)
- **Purpose:** To work with ASTM on revising the standard to: (1) strengthen its safety provisions addressing hazards, and (2) form the basis of a federal standard intended to reduce hazards associated with inclined sleep products.

- Infant Slings (Sling Carriers)

- **Voluntary Standard(s):** *Consumer Safety Specification for Sling Carriers* (ASTM F2907)
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with sling carriers (sometimes called “infant slings”).

- Infant Swings

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Infant Swings* (ASTM F2088)

- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with for infant swings.

- Infant Walkers

- **Voluntary Standard(s):** *ASTM Standard Consumer Safety Performance Specification for Infant Walkers (ASTM F977)*
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant walkers.

- Inflatable Play Devices (for Home Use)

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Constant Air Inflatable Play Devices for Home Use (ASTM F2729)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with inflatable play devices intended for home use.

- Laundry and Dishwasher Packets

- **Voluntary Standard(s):** *Standard Safety Specification for Liquid Laundry Packets (ASTM F3159)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with liquid laundry detergent packets.

- LP Gas Outdoor Fire Pit

- **Voluntary Standard(s):**
- **Purpose:** To work with ASTM on

- Nanotechnology

- **Voluntary Standard(s):** *New Guide for Detection and Characterization of Manufactured Silver Nanomaterials in Textiles* (ASTM E3025) and many other ASTM standards under the E56 Nanotechnology Committee and ISO standards under the 229 Technical Committee (TC /229).
- **Purpose:** To work with ASTM and ISO technical committee on revising the standards strengthen safety provisions addressing hazards associated with nanotechnology.

- National Electrical Code (NEC)

- **Voluntary Standard(s):** *National Electrical Code* (NFPA 70)
- **Purpose:** To work with NFPA on revising the standard to strengthen its safety provisions addressing hazards associated with electrical fires, carbon monoxide poisoning and shock incidents associated with consumer products, including appliances, pools and spas, generators, electrical equipment, and wiring products.

- Non-Full-Size Cribs and Play Yards

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards* (ASTM F406); *Standard Consumer Safety Specification for Crib Mattresses* (ASTM F2933)
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with non-full size cribs and play yards.

- Non-Integral Firearm Locking Devices

- **Voluntary Standard(s):** *Standard Safety Specification for Non-Integral Firearm Locking Devices* (ASTM F2369)

- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with children defeating firearm locking devices.

- Phthalates Testing Methods

- **Voluntary Standard(s):** *Standard Test Method for Determination of Low-Level, Regulated Phthalates in Poly (Vinyl Chloride) Plastics by Thermal Desorption – Gas Chromatography/Mass Chromatography (ASTM D7823)*
- **Purpose:** To work with ASTM on revising the standard to develop new test methods for determining the presence of low-level, regulated phthalates in poly (vinyl chloride) plastics.

- Playground Equipment (Home)

- **Voluntary Standard(s):** *Standard Consumer Safety Performance Specification for Home Playground Equipment (ASTM F1148)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with home playground equipment.

- Playground Equipment (Public)

- **Voluntary Standard(s):** *Standard Consumer Safety Performance Specification for Public Playground Equipment (ASTM F1487)*
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with public playground equipment.

- Playground Surfacing

- **Voluntary Standard(s):** *Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment (ASTM F1292)*

- **Purpose:** To work with ASTM on revising the standard to address the hazard patterns associated with playground surfacing.

- Pools, Portable Unprotected (Child Drowning)

- **Voluntary Standard(s):** *Standard Specification for Aboveground Portable Pools for Residential Use* (ASTM F2666)
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with residential drowning in portable pool products.

- Portable Fireplaces

- **Voluntary Standard(s):** None at this time
- **Purpose:** To work with ASTM to develop a standard to address hazards associated with the fire risk with portable, unvented liquid-fuel burning appliances.

- Portable Generators

- **Voluntary Standard(s):** *Safety and Performance of Portable Generators* (ANSI/PGMA G300-2015); *Standard for Portable Engine-Generator Assemblies* (UL 2201)
- **Purpose:** To work with UL and PGMA on revising the standards to strengthen safety provisions addressing hazards associated with portable generator carbon monoxide (CO) deaths and serious injuries.

- Portable Hook-On Chairs

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Hook-On Chairs* (ASTM F1235)

- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with hook-on chairs.

- Power Equipment (formerly Table Saws)

- **Voluntary Standard(s):** *Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-1: Particular Requirements for Transportable Table Saws* (ANSI/UL 62841-3-1)
- **Purpose:** To work with UL on revising the standard to strengthen its safety provisions addressing hazards associated with blade-contact injuries from table saws.

- Pressure Cookers

- **Voluntary Standard(s):** *Standard for Pressure Cookers* (UL 136-8th Edition)
- **Purpose:** To work with UL on revising the standard to strengthen its safety provisions addressing hazards associated with lid release on pressure cookers while in use.

- Recreational Headgear

- **Voluntary Standard(s):** Various ASTM standards under the scope of the ASTM F08.53 subcommittee on Headgear and Helmets.
- **Purpose:** To work with ASTM to develop a new voluntary standard for headgear sensors.

- Recreational Off-Road Vehicles (ROVs)

- **Voluntary Standard(s):** *Recreational Off-Highway Vehicles Association* (ANSI/ROHVA 1-2016) and *American National Standard for Multipurpose Off-Highway Utility Vehicles* (ANSI/OPEI B71.9-2016)

- **Purpose:** To work with ROHVA on: (1) assessing the new safety provisions in the standard addressing hazards associated with lateral stability, vehicle steering and occupant protection, and (2) to develop additional revisions, as appropriate, to the standards.

- Safety Locks and other household child-inaccessibility devices

- **Voluntary Standard(s):** None at this time
- **Purpose:** To work with ASTM to develop a standard to address hazards associated with safety locks and child-inaccessibility devices.

- Self-balancing Scooters and Light Electric Vehicles

- **Voluntary Standard(s):** *Electrical Systems for Self-Balancing Scooters* (UL 2272 1st Ed); *Recreational Powered Scooters and Pocket Bikes* (ASTM F2641)
- **Purpose:** To work with UL and ASTM on revising the standards to strengthen the safety provisions addressing hazards associated with self-balancing scooters.

- Smoke Alarms

- **Voluntary Standard(s):** *Standard for Single and Multiple Station Smoke Alarms* (UL 217); *National Fire Alarm and Signaling Code* (NFPA 72)
- **Purpose:** To work with UL and NFPA on potential revisions to the standards to strengthen safety provisions addressing hazards associated with smoke alarms.

- Soft Infant and Toddler Carriers

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Soft Infant Carriers* (ASTM F2236)
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with soft infant and toddler carriers.



- Sports Protective Gear

- **Voluntary Standard(s):** Helmets and headgear standards developed by NOCSAE.
- **Purpose:** To work with NOCSAE on revising the standards to strengthen safety provisions addressing hazards associated with football helmets.

- Spray Polyurethane Foam Insulation (Residential Off-Gas)

- **Voluntary Standard(s):** *Test Method for Estimating Chemical Emissions from Spray Polyurethane Foam (SPF) Insulation using Micro-Scale Environmental Test Chambers D8142*, *Test Method for Estimating Chemical Emissions from Spray Polyurethane Foam (SPF) Insulation Using Micro-Scale Environmental Test Chambers* (ASTM WK40293 – under development); *New Standard Measuring Chemical Emissions from Spray Polyurethane Foam (SPF) Insulation Samples in a Large-Scale Spray Booth* (ASTM WK58354 – under development); *New Test Method for Estimating Emissions of Methylene diphenyl diisocyanate (MDI) from Spray Polyurethane Foam (SPF) Insulation using Emission Cells or Micro-Scale Environmental Test Chambers* (ASTM WK58355 –under development); *New Guide for Selecting Emission Testing Methods for Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) from Dry Sources* (ASTM WK57802 – under development)
- **Purpose:** To work with ASTM on developing new standards to address hazards associated with chemical emissions from spray polyurethane foam (SPF) insulation.

- Stationary Activity Centers

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Stationary Activity Centers* (ASTM F2012)

- **Purpose:** To work with ASTM on revising the standard to: (1) strengthen its safety provisions addressing hazards, and (2) form the basis of a federal standard intended to reduce hazards associated with stationary activity centers.

- Swimming Pools/Spas Drain Entrapment

- **Voluntary Standard(s):** *American National Standard for Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs* (ANSI/APSP-16-2011).
- **Purpose:** To work with APSP to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing entrapment hazards in swimming pools, wading pools, spas, and hot tubs available to the general public, as well as products such as pool drain covers.

- Swimming Pools/Spas Safety Vacuum Relief Systems

- **Voluntary Standard(s):** *Manufactured Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub, and Wading Pool Suction Systems* (ASME A112.19.17) and *Standard for Safety Vacuum Release Systems, Automatic Pump Shut-Off Systems, and Shut-Off Systems, and Vacuum Limiting Systems for Swimming Pools, Spas, Wading Pools, Hot Tubs, and Catch Pools* (APSP-17)
- **Purpose:** To work with APSP and ASME on revising the standards to strengthen safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with safety vacuum release systems (SVRS) for swimming pools, spas, wading pools, and hot tubs.

- Tents

- **Voluntary Standard(s):** None at this time

- **Purpose:** To work with ASTM on the development of a standard addressing hazards associated with tent flammability.

- Toddler Beds

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Toddler Beds* (ASTM F1821)
- **Purpose:** To work with ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with toddler beds.

- Torch Fuel Containers

- **Voluntary Standard(s):** None at this time
- **Purpose:** To work with ASTM on the development of a standard addressing hazards associated with torch fuel, lamp oil, and their containers.

- Toys

- **Voluntary Standard(s):** *Standard Consumer Safety Specification for Toy Safety* (ASTM F963)
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with toys.

- Trampoline Parks/Adventure Attractions

- **Voluntary Standard(s):** *Standard Practice for design, Manufacture, Installation, Operation, Maintenance, Inspection and Major Modification of Trampoline Courts* (ASTM F2970-15)

- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with adventure activities, including trampoline courts.

- Upholstered Furniture

- **Voluntary Standard(s):** *Standard Test Methods for Cigarette Ignition Resistance of Components of Upholstered Furniture* (ASTM E1353); *Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture* (NFPA 260); *Draft Standard Methods of Tests for Evaluating Fire and Ignition Resistance of Upholstered Furniture Using a Flaming Ignition Source* (NFPA 277)
- **Purpose:** To work with ASTM on revising their standard to strengthen its safety provisions addressing hazards associated with fires involving upholstered furniture and to work with the NFPA Fire Test Committee Task Group to develop a new open-flame standard.

- Washing Machines

- **Voluntary Standard(s):** *Electric Clothes Washing Machines and Extractors* (UL 2157)
- **Purpose:** To work with UL on revising the standard to strengthen its safety provisions addressing hazards associated with top-loading washing machines.

- Window Coverings (Blind Cords)

- **Voluntary Standard(s):** *Standard for Safety of Corded Window Covering Products* (ANSI/WCMA A100.1)
- **Purpose:** To work with WCMA on revising the standard to strengthen its safety provisions addressing hazards associated with window covering cords.

- Youth Resistant Firearm Security Containers

- **Voluntary Standard(s):** *Standard Specification for Youth-Resistant Firearms Containers* (ASTM F2456)
- **Purpose:** To work with ASTM on revising the standard to strengthen its safety provisions addressing hazards associated with children accessing firearms in security containers.