






UNITED STATES  
CONSUMER PRODUCT SAFETY COMMISSION  
WASHINGTON, DC 20207

**Memorandum**

Date: JUN 17 2008

TO : The Commissioners

THROUGH: Todd Stevenson, Secretary   
Cheryl A. Falvey, General Counsel   
Patricia Semple, Executive Director

FROM : Colin B. Church   
Voluntary Standards Coordinator

SUBJECT : FY 2008 Voluntary Standards Activities Mid Year Report

Attached is the U.S. Consumer Product Safety Commission staff's *Voluntary Standards Activities FY 2008 Mid Year Report (October 2007 – March 2008)* which is forwarded for your information. If you have any questions, please call Colin Church at 301-504-7245.

ATTACHMENT:

## **Voluntary Standards Activities 10/1/07 – 3/31/08**

### **SUMMARY**

Ten new, revised, or reaffirmed voluntary safety standards, which the U.S. Consumer Product Safety Commission (CPSC) staff monitored or provided technical support for, received final approval during the period from 10/1/07 – 3/31/08. These addressed air cleaners, amusement rides (water slide systems), bassinets and cradles, cribs (non-full-size) and play yards, portable fuel containers, ground-fault circuit interrupters, infant swings, playground surfacing, portable pools for residential use, and soccer goals (tip resistance). In total, the CPSC staff provided technical support to or monitored the development of 73 voluntary safety standards which are included in the information that follows. Nearly all of these were handled by three standards development/coordinating organizations: ASTM International (previously called the American Society for Testing and Materials), the American National Standards Institute (ANSI), and Underwriters Laboratories Inc. (UL). These standards provide safety provisions addressing potential hazards associated with consumer products found in our homes, schools, and recreational areas. In addition, CPSC staff continued monitoring conformance to selected voluntary product safety standards.

### **THE “V-STAR” REPORT**

Below you will find the current *Voluntary Standards Tracking and Access Report (V-STAR) October 2007 – March 2008*. This report shows, among other things, the objective of the standard under development, the name of the employee leading each activity, and the status of the standard. Information from the CPSC staff was compiled and edited by the Office of Hazard Identification and Reduction to prepare the report. The V-STAR reports are issued twice a year, both for the middle and the end of the CPSC fiscal year which runs from October 1<sup>st</sup> to September 30<sup>th</sup>.

### **PUBLIC PARTICIPATION AND COMMENT**

During the reporting period, the CPSC staff continued the program to provide more information on CPSC staff voluntary standards activities. Draft CPSC staff recommendations on issues to be considered by voluntary standards organizations were placed on the CPSC web site to allow for public review and comment. Further, the CPSC staff continued to expand the voluntary standards portion of the CPSC web site with a goal of including information on all voluntary standards activities which the CPSC staff monitors and for which it provides technical support.

# ***VOLUNTARY STANDARDS TRACKING AND ACCESS REPORT***

## ***CPSC STAFF VOLUNTARY STANDARDS ACTIVITIES***

**FY 2008 MIDYEAR REPORT  
(October 2007 – March 2008)**



**U.S. CONSUMER PRODUCT SAFETY COMMISSION  
4330 East West Highway, Bethesda, Maryland 20814**

This report was prepared by CPSC staff, has not been reviewed or approved by, and may not necessarily reflect the views of, the Commission.

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***VOLUNTARY STANDARDS  
TRACKING AND ACCESS REPORT***

The U.S. Consumer Product Safety Commission (CPSC) staff works cooperatively with standards developers, consumers, industry and other interested parties to develop consumer product safety standards. A description of these activities for the first half of the 2008 Fiscal Year from October 1, 2007, through March 31, 2008, follows. The report contains, among other things, the objective of the standard under development, the name of the employee leading each activity, and the status of the standard.

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# ***CPSC Staff Voluntary Standards Activities FY 2008 Midyear Report***

<b><i>Product</i></b>	<b>Air Cleaners</b>
<b><i>Staff Contact</i></b>	Thomas, Treye
<b><i>Purpose</i></b>	To revise the Underwriters Laboratories (UL) <i>Standard for Electrostatic Air Cleaners</i> (UL 867) to improve the repeatability of the ozone test method.
<b><i>Activities</i></b>	<p>A revised <i>Standard for Electrostatic Air Cleaners</i> (UL 867) was approved on 12/21/07. A UL working group developed clarifications for the ozone test procedures of electrostatic air cleaners and ionizers, which were included in the revision. Factors considered by the working group included chamber size, direction of air cleaner exhaust, air exchange rates, and length of testing. UL 867 outlines specific testing procedures to determine the amount of ozone that an air cleaner produces. Currently the limit in the UL standard for ozone produced by an air cleaning device is 50 parts per billion (ppb).</p> <p>Prior to the reporting period, CPSC staff posted a contractor report and staff assessment on the CPSC Web site for public comment. The contractor report reviewed the ozone limit to determine whether it is sufficient to protect consumer health.</p>
<b><i>Next Action</i></b>	Complete a review of public comments on the contractor report and staff assessment.

<b><i>Product</i></b>	<b>All-Terrain Vehicles (ATVs)</b>
<b><i>Staff Contact</i></b>	Paul, Caroleene
<b><i>Purpose</i></b>	To revise the Specialty Vehicle Institute of America (SVIA) standard for <i>Four Wheel All-Terrain Vehicles – Equipment, Configuration, and Performance Requirements</i> (ANSI/SVIA 1) to reduce hazards associated with ATVs.
<b><i>Activities</i></b>	<p>In 10/07, SVIA distributed a <i>corrected</i> copy of the ANSI/SVIA 1-2007 standard. While the submission SVIA made to ANSI for approval of the standard was correct, an error occurred during the pre-production process, with an incorrect graphic being placed in the 7/23/07 printing.</p> <p>In 2/08, SVIA distributed a <i>reprinted</i> copy of the ANSI/SVIA 1-2007 standard to include “Annex B – Interpretations.” The annex provides interpretations of various sections of the standard dealing with labeling. The interpretations were made by SVIA and approved by the consensus body through a 12/07 interpretation ballot. Annex B is not a part of the standard but is included with the standard for information purposes only.</p>
<b><i>Next Action</i></b>	Continue to monitor standard activities.
<b><i>Product</i></b>	<b>Amusement Rides (Portable)</b>
<b><i>Staff Contact</i></b>	Caton, Tom
<b><i>Purpose</i></b>	To provide technical support to the development of new and revised standards by the ASTM International (ASTM) F24 Committee on Amusement Rides and Devices.
<b><i>Activities</i></b>	A revised <i>Standard Practice for the Classification, Design, Manufacture, Construction, and Operation of Water Slide Systems</i> (ASTM F 2376-08) was approved on 3/1/08. CPSC staff reviewed ballots for standard practices for terminology, design and manufacture, railways, water-related rides and devices, and hydraulic systems.
<b><i>Next Action</i></b>	Participate in the review process for several standards when scheduled.



**Product**                    **Arc-Fault Circuit Interrupters (AFCIs)**

**Staff Contact**            Lee, Doug

**Purpose**                    To strengthen the safety provisions of the UL *Standard for Arc-Fault Circuit Interrupters* (UL 1699) and to support new AFCI technology devices to reduce the fire hazard associated with electrical wiring in homes.

**Activities**                CPSC staff continued to monitor revisions to the standard for new technology AFCIs and Leakage Current Detection Interrupters (LCDIs). Staff reviewed 1/04/08 and 3/21/08 UL 1699 revision proposals for improved arc testing.

                                  Requirements to extend AFCIs to dwelling unit living areas were accepted for the 2008 *National Electrical Code (NEC)*. In 3/08, CPSC staff drafted a letter supporting state adoption of AFCI requirements in the 2008 edition of the *NEC*.

**Next Action**            Monitor revisions to standard for improved arc testing; support use of new AFCI technology devices.

**Product**                    **Bassinets and Cradles**

**Staff Contact**            Hackett, Patty

**Purpose**                    To revise the ASTM *Standard Consumer Safety Specification for Bassinets and Cradles* (ASTM F2194) to strengthen its safety provisions.

**Activities**                A revised *Standard Consumer Safety Specification for Bassinets and Cradles* (ASTM F2194-07a) was approved on 10/01/07. The revised standard includes new corner post safety requirements.

                                  CPSC staff participated in a task group to address fabric covered bassinets and hazards associated with entrapment. Issues included the strength of the fabric and fasteners for the covering, and possible mis-installation by consumers. Another task group is developing a list of issues or concerns involving bed-side sleepers (co-sleepers). Staff provided incident data to task groups addressing stability and protrusions. The data were reviewed at a 10/11/07 subcommittee meeting in which CPSC staff participated.

**Next Action**            Participate in task groups; participate in subcommittee meeting on 4/1/08.

**Product**                    **Bath Seats**

**Staff Contact**            Hackett, Patty

**Purpose**                      To revise the ASTM *Standard Consumer Safety Specification for Infant Bath Seats* (ASTM F1967) to eliminate or reduce the risk of infant drowning resulting from tipover and climbing out hazards.

**Activities**                 CPSC staff provided incident data, which was reviewed at a 10/9/07 subcommittee meeting in which staff participated. The subcommittee worked on revisions to the standard to maintain consistency with a new infant tub standard that is being developed (see separate report on infant tubs).

**Next Action**              Provide updated incident data; participate in subcommittee meeting on 4/2/08.

**Product**                    **Batteries**

**Staff Contact**            Lee, Doug

**Purpose**                      To provide technical support to the revision or development of new safety standards and certification programs for high energy density batteries to ensure safe and reliable use.

**Activities**                 CPSC staff participated in activities for several standards associated with batteries: Underwriters Laboratories *Lithium Batteries* (UL 1642), *Household and Commercial Batteries* (UL 2054), Institute of Electrical and Electronic Engineers *Rechargeable Batteries for Cellular Telephones* (IEEE 1725), *Rechargeable Batteries for Portable Computing* (IEEE 1625), and ANSI/National Electrical Manufacturers Association (NEMA) C18 Battery Committees. Staff attended meetings on 10/29-30/07 and 2/19-20/08 to discuss improving the safety of batteries through voluntary safety standards. In addition, in a 2/25/08 letter to ASTM, staff requested that ASTM establish a working group to revise *Standard Consumer Safety Specification for Toy Safety* (ASTM F963) to address overheating and fire risks associated with rechargeable batteries used in toys.

**Next Action**              Participate in ASTM standard revision process.

**Product** **Bed Rails**

**Staff Contact** Hackett, Patty

**Purpose** To revise the ASTM *Standard Consumer Safety Specification for Bed Rails* (ASTM F2085) to improve the marking and labeling as well as to clarify testing procedures.

**Activities** CPSC staff participated on task groups and also attended the 10/8/07 and 3/31/08 subcommittee meetings. A revision to the standard to include a breakage performance requirement was approved and is expected to be included in a revision to the standard later in 2008. A design guideline for manufacturers was developed with CPSC staff participation and was proposed for the standard. It was being evaluated for language and scope at the end of the reporting period.

**Next Action** Participate on task groups; participate in subcommittee meeting in 10/08.

**Product** **Bicycles**

**Staff Contact** Amodeo, Vince

**Purpose** To develop new or revised ASTM safety standards for bicycles and bicycle components.

**Activities** CPSC staff reviewed ballots for two new ASTM draft standards:

- 1) *Standard Test Methods for Bicycle Manually Operated Front Wheel Retention Systems*. The ballot closed 3/7/08.
- 2) *Standard Test Methods for Bicycle Frames*. The ballot closed 3/7/08.

**Next Action** Participate in F08.10 Bicycle Subcommittee meetings in 5/08.

**Product** **Blind Cords**

**Staff Contact** Paul, Caroleene

**Purpose** To revise the Window Covering Manufacturers Association (WCMA) *Standard for Safety of Corded Window Covering Products* (ANSI/WCMA A100.1) to reduce strangulation hazards associated with window covering cords.

**Activities** On 10/30/07, CPSC staff participated in a WCMA Technical Committee meeting; topics included Roman shades, roll-up blinds, products with multiple operational cords, and various editorial issues with the voluntary standard requirements. Staff participated in additional conference call meetings on 2/21/08 and 3/07/08 to further discuss issues and decide which warranted inclusion as proposals for the next revision of the voluntary standard. Staff participated in another meeting of the Technical Committee on 3/27/08, where proposals for the next revision of the voluntary standard were discussed.

**Next Action** Participate in WCMA Technical Committee conference call meeting on 4/29/08.

**Product**                    **Booster Seats**

**Staff Contact**            Hackett, Patty

**Purpose**                      To assist in development of a new ASTM safety standard to address hazards associated with booster seats.

**Activities**                CPSC staff participated in a 10/9/07 subcommittee meeting to discuss potential revisions to the standard. Revisions under development included provisions for attachments to adult chairs and warning label issues.

**Next Action**              Participate in subcommittee meeting on 4/3/08.

**Product**                    **Bunk Beds**

**Staff Contact**            Bathalon, Susan

**Purpose**                      To revise the ASTM *Standard Consumer Safety Specification for Bunk Beds* (ASTM F1427) to address the strangulation hazard associated with vertical protrusions on bunk beds.

**Activities**                On 1/17/08, CPSC staff participated in a subcommittee meeting to discuss interpretation of the new test procedure approved in the ASTM F1427-07 revised standard. The subcommittee members agreed upon the intent of the language and a uniform approach to testing.

**Next Action**              Participate in subcommittee meeting on 4/17/08.

**Product**                    **Cabinet Heaters/Cylinders**

**Staff Contact**            Khanna, Rikki

**Purpose**                      To monitor voluntary standard development and code activities associated with cabinet heaters and cylinders.

**Activities**                At a 2/08 meeting of the National Petroleum and Gas Association (NPGA), the NPGA Board decided to discontinue activities related to cabinet heaters. However, an International Cabinet Heater Coalition (including cabinet heater, cylinder, and valve/regulator manufacturers) formed a technical study task force to make recommendations covering consumer education and marketing of cabinet heaters.

**Next Action**              Monitor coalition and task force activities.

<b><i>Product</i></b>	<b>Candles</b>
<b><i>Staff Contact</i></b>	Tenney, Allyson
<b><i>Purpose</i></b>	To develop new ASTM safety standards to eliminate or significantly reduce fire hazards associated with candles and candle products.
<b><i>Activities</i></b>	<p>CPSC staff participated in task group meetings for fire safety on 10/25-26/07, 1/16-17/08, and 3/5-6/08. Flammability requirements for candle holders, including candle/potpourri burners, were drafted for final review and for ballot to the Committee and Subcommittee. ASTM F2601 <i>Standard Specification for Fire Safety for Candle Accessories</i> was scheduled for revision to incorporate the new provisions.</p> <p>A <i>Gel Candle Appendix</i>, an appendix to be added to the <i>Standard Specification for Fire Safety for Candles</i> (ASTM F2417-04), was discussed. The appendix will not be mandatory but will provide practical guidance and recommendations for producing gel-based candle products. Additional flammability requirements for tealights were being drafted for inclusion in the ASTM F2417 standard.</p>
<b><i>Next Action</i></b>	Participate in subcommittee meeting on 4/18/08; participate in task group meeting on 6/4-5/08.
<b><i>Product</i></b>	<b>Carbon Monoxide (CO) Alarms</b>
<b><i>Staff Contact</i></b>	Switzer, Don
<b><i>Purpose</i></b>	To revise the UL <i>Standard for Single- and Multiple-Station Carbon Monoxide Alarms</i> (UL 2034) to improve consumer safety.
<b><i>Activities</i></b>	Prior to the reporting period, CPSC staff proposed modifications to improve digital display accuracy, to develop an end-of-life warning, and to develop a test method including CO alarm response to rising CO levels. The proposals for the rising CO concentration test and end-of-life warning were adopted by the Standards Technical Panel (STP). The provisions were accepted and become effective in 8/09. On 3/3/08, UL indicated that new proposals (including one for battery backup) would be sent to the STP for review.
<b><i>Next Action</i></b>	Review new safety proposals when available.

<b><i>Product</i></b>	<b>Changing Tables (Diaper)</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Product Safety Specification for Baby Changing Tables for Domestic Use</i> (ASTM F2388) to strengthen its safety provisions.
<b><i>Activities</i></b>	A revised <i>Standard Consumer Product Safety Specification for Baby Changing Tables for Domestic Use</i> (ASTM F2388-07) was approved on 10/1/07. The revised standard includes new information about contoured pads. CPSC staff participated in task group activities to develop requirements for straps on changing tables. The task group requested that CPSC staff provide data regarding falls to see if the requirements for four-sided barriers have reduced the number of fall incidents. Staff participated in a 10/11/07 subcommittee meeting. Discussion included a proposal to include warnings on packaging regarding falls.
<b><i>Next Action</i></b>	Provide incident data to task group; participate in subcommittee meeting on 4/1/08.
<b><i>Product</i></b>	<b>Child-Resistant Packaging</b>
<b><i>Staff Contact</i></b>	Sharpless, Perry
<b><i>Purpose</i></b>	To revise requirements for the ASTM <i>Standard Classification of Child-Resistant Packages</i> (ASTM D3475) to improve safety.
<b><i>Activities</i></b>	CPSC staff participated in subcommittee meetings on 10/29-30/07. A closure torque testing round-robin test involving a number of different laboratories was discussed to address the variability of closure torque measurements.
<b><i>Next Action</i></b>	Participate in subcommittee meeting on 5/13/08.
<b><i>Product</i></b>	<b>Cribs (Commercial)</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To develop safety requirements for a new ASTM safety standard for cribs in commercial settings, such as hotels and day care centers.
<b><i>Activities</i></b>	CPSC staff participated in task group activities on wood screws used in cribs. Staff also participated in a 10/11/07 subcommittee meeting. Ballot results for the proposed new standard were reviewed and comments were addressed.
<b><i>Next Action</i></b>	Participate in task group on wood screws; participate in subcommittee meeting on 4/1/08.

**Product**                    **Cribs (Full-Size)**

**Staff Contact**            Hackett, Patty

**Purpose**                    To revise the ASTM *Standard Consumer Safety Specification for Full-Size Cribs* (ASTM F1169) to reduce the hazards associated with these products.

**Activities**                CPSC staff collected incident data pertaining to hardware issues that was provided to the subcommittee chairman. Staff also drafted a letter requesting that ASTM develop performance requirements to address hazards associated with hardware failures on cribs as soon as possible. The draft letter was posted for public comment on the CPSC Web site, and it was discussed at the 10/11/07 subcommittee meeting in which staff participated. The letter was finalized and sent to ASTM on 10/12/07. Also at the subcommittee meeting, staff distributed copies of in-depth investigation (IDI) reports of fatalities involving cribs. A task group was formed to address mis-assembly of crib drop sides. CPSC staff planned to participate in this task group. The crib slat task group proposed design guidelines to be added to the standard. That proposal was completed for ballot.

**Next Action**            Participate on task groups; participate in subcommittee meeting on 4/1/08.

**Product**                    **Cribs (Non-Full-Size) and Play Yards**

**Staff Contact**            Hackett, Patty

**Purpose**                    To revise the ASTM *Standard Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards* (ASTM F406) to reduce the hazards associated with these products.

**Activities**                A revised *Standard Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards* (ASTM F406-08) was approved on 2/15/08. The revision includes new requirements to prevent hazardous strap loops. CPSC staff participated in task groups on false latching and mattress size. Staff also participated in a 10/11/07 subcommittee meeting. A task group was formed to review requirements to address mis-assembly. CPSC staff will participate in this task group. CPSC staff was requested to provide incident data for this subcommittee.

**Next Action**            Provide incident data; participate in task groups; participate in subcommittee meeting on 4/1/08.

<b>Product</b>	<b>Electric Lighting</b>
<b>Staff Contact</b>	Luo, Anna
<b>Purpose</b>	To revise the UL safety standards for <i>Portable Electric Luminaires</i> (UL 153), <i>Luminaires</i> (UL 1598), and <i>Lampholders</i> (UL 496) to reduce the risks of fire and shock associated with electric lighting.
<b>Activities</b>	<p>CPSC engineering staff conducted an analysis of CPSC in-depth investigation reports along with examination of incident samples to try to determine the root causes of lighting-related fires. The staff's report, <i>Evaluation of Electric Lighting Products</i>, was reviewed by the American Lighting Association and National Electrical Manufacturers Associations. The report was finalized and posted on the CPSC Web site on 01/29/08.</p> <p>UL circulated proposed revisions to the UL 496 STP for balloting and comment on 01/19/07. The proposed changes included an insulation-piercing lampholder terminal temperature test to cover candelabra lampholders, which are the type most commonly used in ceiling surface-mount luminaires. When the balloting closed on 03/05/07, consensus was achieved to accept the proposed changes (9 positive votes to one negative vote). The STP process requires that comments be circulated to the members for reconsideration of the proposals. The negative comment and UL's response were circulated to STP members on 01/11/08, and balloting closed on 02/25/08.</p>
<b>Next Action</b>	Review ballot results when available.
<b>Product</b>	<b>Emergency Escape Masks</b>
<b>Staff Contact</b>	Khanna, Rikki
<b>Purpose</b>	To develop revisions to the International Safety Equipment Association (ISEA) <i>Standard for Air-Purifying Respiratory Protective Escape Devices</i> (ANSI/ISEA 110) to improve consumer safety.
<b>Activities</b>	In 10/07, CPSC staff provided two staff evaluations to the ISEA Respiratory Protective Escape Devices (RPED) group. The reports detailed the results of performance testing and human factors analyses of consumer fire escape masks. In 1/08, CPSC staff was invited to participate in a consensus review of proposed revisions to ANSI/ISEA 110. The document was expected to be circulated in 4/08.
<b>Next Action</b>	Review proposed standard revisions when available.



<b><i>Product</i></b>	<b>Extension Cords</b>
<b><i>Staff Contact</i></b>	Butturini, Randy
<b><i>Purpose</i></b>	To revise the requirements for mechanical performance of extension cords in the <i>UL Standard for Cordsets and Power Supply Cords (UL 817)</i> to improve safety.
<b><i>Activities</i></b>	CPSC staff reviewed in-depth investigations (IDIs) reports to determine if details in the reports could identify mechanical stresses experienced by extension cords involved in fire incidents. Staff believed that new requirements might be developed to address failures that may lead to fire hazards.
<b><i>Next Action</i></b>	Complete review and analysis of in-depth investigations (8/08 est.)
<b><i>Product</i></b>	<b>Fans (Portable)</b>
<b><i>Staff Contact</i></b>	Lee, Doug
<b><i>Purpose</i></b>	To revise the <i>UL Standard for Electric Fans (UL 507)</i> to reduce the risk of electric shock associated with electric fans for home-use inflatable children's toys.
<b><i>Activities</i></b>	Prior to the reporting period, CPSC staff submitted a proposal to the UL STP on electric fans to address potential electric shock hazards associated with home-use inflatable children's toys. On 2/26/08, UL proposed to change the scope of the UL 507 standard to move these fans to the <i>UL Standard for Motor Operated Compressors, Vacuum Pumps, and Painting Equipment (UL 1450)</i> . This was considered because additional requirements are needed to address back pressure of inflatable products.
<b><i>Next Action</i></b>	Review comments on CPSC staff proposal relating to fans for home-use inflatables and new back pressure requirements when available.

<b><i>Product</i></b>	<b>Fuel Tanks</b>
<b><i>Staff Contact</i></b>	Bathalon, Susan
<b><i>Purpose</i></b>	To develop a new ANSI <i>Standard for Small Off-Road Ground Supported Outdoor Power Equipment Gasoline Fuel Systems Performance Specifications and Test Procedures</i> (ANSI B71.10) to minimize hazards associated with fuel leakage from plastic gasoline tanks and fuel delivery components used on powered lawn equipment.
<b><i>Activities</i></b>	In a 6/14/07 letter, CPSC staff stated its concerns that the draft standard was inadequate in assuring long-term fuel tank integrity over the life of the product. The revised draft received one negative comment that called for a referenced ASTM fuel to be used in applicable tests for the purposes of repeatability and reproducibility; it was ruled non-persuasive. The canvass members were asked to recast or reaffirm their votes in light of this negative ballot. CPSC staff reaffirmed its abstention ballot. This canvass ballot closed on 9/17/07. There has been no additional activity on this standard.
<b><i>Next Action</i></b>	Review ballot results and revised standard when available.
<b><i>Product</i></b>	<b>Furniture</b>
<b><i>Staff Contact</i></b>	Whitfield, Troy
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Safety Specification for Chests, Door Chests, and Dressers</i> (ASTM F2057) to address injuries and deaths of children associated with furniture tipover and to review hazards associated with glass furniture.
<b><i>Activities</i></b>	<p>A ballot to increase the scope of the standard and to require restraints in packaging closed on 1/24/08. The proposal was not approved. CPSC staff continued to monitor activities to strengthen the stability requirements for clothing storage units mainly intended for use in children's rooms.</p> <p>There were no activities of a task group on glass top furniture during the reporting period. A discussion among the subcommittee regarding glass top furniture was limited to citing existing standards for glass when used with furniture.</p>
<b><i>Next Action</i></b>	Participate in subcommittee meeting when scheduled.

<b><i>Product</i></b>	<b>Garage Door/Gate Operators</b>
<b><i>Staff Contact</i></b>	Murphy, John
<b><i>Purpose</i></b>	To develop or revise the standards for garage doors and gate operators, which include the UL <i>Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems</i> (UL 325) and the Door and Access Systems Manufacturers Association (DASMA) <i>Standard for Section Interfaces on Residential Garage Door Systems</i> (ANSI/DASMA 116), to address safety hazards associated with this equipment.
<b><i>Activities</i></b>	In 2007, CPSC staff participated in conference calls of the UL STP to discuss a proposal to revise requirements for garage door operator/garage door systems and garage door operators with two inherent entrapment protection devices. On 3/28/08, UL distributed a proposal for revision of UL 325. The comment period was scheduled to close on 4/28/08.
<b><i>Next Action</i></b>	Review proposal; comments due 4/28/08.
<b><i>Product</i></b>	<b>Gasoline Containers</b>
<b><i>Staff Contact</i></b>	Murphy, John
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Specification for Determination of Child-Resistance of Portable Fuel Containers for Consumer Use</i> (ASTM F2517) and the ASTM <i>Standard Specification for Spill Resistant Fueling Systems for Portable Fuel Containers for Consumer Use</i> (ASTM F2234) to address hazards associated with these products.
<b><i>Activities</i></b>	A revised <i>Standard Specification for Spill Resistant Fueling Systems for Portable Fuel Containers for Consumer Use</i> (ASTM F2234-07) was approved on 11/1/07. In 2007, revisions to the <i>Standard Specification for Determination of Child-Resistance of Portable Fuel Containers for Consumer Use</i> (ASTM F2517) were balloted. There were several negative votes, which were resolved at a meeting of the ASTM F15.10 subcommittee. On 12/24/07, a ballot was reissued. Several additional comments were received during this ballot. The subcommittee was working to resolve these comments at the end of the reporting period.
<b><i>Next Action</i></b>	Review revised ballot when available.

<b><i>Product</i></b>	<b>Generators (Portable)</b>
<b><i>Staff Contact</i></b>	Buyer, Janet
<b><i>Purpose</i></b>	To develop a new UL <i>Standard for Portable Engine Generator Assemblies</i> (UL Subject 2201) to reduce carbon monoxide deaths associated with portable generators.
<b><i>Activities</i></b>	On 11/2/07, UL forwarded a revised version of UL 2201 to the STP for comment. CPSC staff submitted comments on 12/17/07. Consensus was not obtained. Of the 29 eligible voters, eight voted in favor of the standard. UL convened a meeting of the STP on 2/27-28/08 and a technical forum on 2/26/08 in Northbrook, IL to discuss a number of the unresolved issues. CPSC staff attended both meetings. Some issues were resolved and others were assigned to task groups.
<b><i>Next Action</i></b>	After the task groups have completed their work, UL will issue the revised proposal to the STP for preliminary review. Based on comments received, UL may host another STP meeting at that time.
<b><i>Product</i></b>	<b>Ground-Fault Circuit-Interruption (GFCIs)</b>
<b><i>Staff Contact</i></b>	Lee, Doug
<b><i>Purpose</i></b>	To improve the safety of GFCIs by making them less dependent on consumer testing and to revise the UL <i>Standard for Ground-Fault Circuit-Interruption</i> (UL 943), as appropriate.
<b><i>Activities</i></b>	<p>A revised <i>Standard for Ground-Fault Circuit-Interruption</i> (ANSI/UL 943), which was approved on 2/22/08, revised the electrical ratings markings.</p> <p>On 11/30/07, UL issued an advisory on receptacle-type GFCIs; the advisory involved recently-added product requirements in the standard.</p> <p>CPSC staff continued to encourage National Electrical Manufacturers Association (NEMA) members to develop enhanced GFCIs that provide a self/auto testing feature and that do not provide power if the GFCI is not capable of providing the shock protection for which it is designed.</p>
<b><i>Next Action</i></b>	Monitor standard activities and work with NEMA members to enhance the safety of GFCIs.

<b><i>Product</i></b>	<b>Heaters (Electric)</b>
<b><i>Staff Contact</i></b>	Butturini, Randy
<b><i>Purpose</i></b>	To revise the UL standards for electric heaters to reduce the risk of fire, including the <i>Standard for Electric Baseboard Heating Equipment</i> (UL 1042), the <i>Standard for Movable and Wall- or Ceiling-Hung Electric Room Heaters</i> (UL 1278), and the <i>Standard for Fixed and Location-Dedicated Electric Room Heaters</i> (UL 2021).
<b><i>Activities</i></b>	<p>In 2007, CPSC staff presented its draft proposals to the UL STP for electric heaters. The proposals included requirements for the use of manual-reset temperature limiting controls (instead of automatic-reset controls) for most residential portable and fixed-position electric heaters. Proposals for the <i>Standard for Electric Baseboard Heating Equipment</i> (UL 1042) for additional supply cord requirements, requirements for normal operation of temperature-limiting devices, and additional manufacturing/production line testing were issued on 9/21/07 with comments due on 11/5/07. Balloting was completed for the supply cord with all the measures being approved for inclusion in the standards. An STP meeting was scheduled for 6/3/08 at which the manual-reset proposals will be formally included in the agenda.</p> <p>A CPSC staff study was completed on the use of radiant flux sensors to measure the infrared emission from radiant electric heaters. This data may be used to support possible new safety requirements for flux measurements that would replace or supplement draping tests currently used in the UL standards. The staff draft report was posted for public comment, with comments due on 4/4/08.</p>
<b><i>Next Action</i></b>	Review public comments on staff draft report; participate in STP meeting on 6/3/08.
<b><i>Product</i></b>	<b>Helmets, Recreational</b>
<b><i>Staff Contact</i></b>	McCallion, Rick
<b><i>Purpose</i></b>	To revise the ASTM safety standards and test methods for recreational helmets to improve safety.
<b><i>Activities</i></b>	<p>CPSC staff participated in discussions regarding the incorporation of variable mass headforms into the bicycle helmet standard. One subcommittee member presented data showing that a variable mass headform may more accurately represent a rider's head. A task group was formed to review the issue.</p> <p>Staff participated in subcommittee and task group meetings on 11/15-16/07 including the headgear labeling standard task group meeting. The headgear labeling standard was expected to be completed by the end of 2008.</p>
<b><i>Next Action</i></b>	Participate in task group and subcommittee meetings on 5/5-9/08.

**Product**                    **High Chairs**

**Staff Contact**            Hackett, Patty

**Purpose**                      To revise the ASTM *Standard Consumer Safety Specification for High Chairs* (ASTM F404) to strengthen its safety provisions dealing with entrapment and falls.

**Activities**                CPSC staff participated in the 10/8/07 subcommittee meeting at which language for a new requirement for side openings on high chairs was reviewed. A requirement for passive crotch restraints, which was re-worded for clarity, is expected to be included in the next revision of the standard.

**Next Action**              Participate in subcommittee meeting on 4/3/08.

**Product**                    **Hot Tubs and Spas**

**Staff Contact**            Whitfield, Troy

**Purpose**                      To revise the UL *Standard for Electric Spas, Equipment Assemblies, and Associated Equipment* (UL 1563) to address safe temperatures for pregnant women.

**Activities**                UL circulated proposals to revise UL 1563 on 10/22/07 with a closing date of 12/6/07. Proposals were recirculated on 12/19/07 with a closing date of 1/18/08. Revisions included requirements to address hyperthermia-related construction, as well as updated markings and safety instructions. The revisions would allow temperatures above 104°F, but there must be an intentional input (override) on the part of the user. The temperature setting would automatically reset to the 104°F maximum without further input.

**Next Action**              Review comments on proposals; participate in STP meeting when scheduled.

**Product**                    **Infant Bedding and Accessories**

**Staff Contact**            Hackett, Patty

**Purpose**                      To provide technical support to the ASTM F15.19 Subcommittee on Infant Bedding which has responsibility for maintaining the *Standard Consumer Safety Performance Specification for Infant Bedding and Related Accessories* (ASTM F1917).

**Activities**                CPSC staff continued to review data associated with incidents involving infant bedding and accessories. There was no voluntary standard activity during the reporting period.

**Next Action**              Participate in subcommittee meeting on 4/2/08.

<b><i>Product</i></b>	<b>Infant Bouncers</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for Infant Bouncer Seats</i> (ASTM F2167) to strengthen its safety provisions.
<b><i>Activities</i></b>	CPSC staff participated in the 10/8/07 and 3/31/08 subcommittee meetings. In addition, staff participated on a task group to address concerns with the forward stability test procedure. Due to scarce incident data, the subcommittee was reluctant to change the test procedure. Toy bar attachment performance requirements were developed and presented to the subcommittee for consideration. At the end of the reporting period, the toy bar attachment requirements needed additional analysis before balloting.
<b><i>Next Action</i></b>	Provide incident data on the stability issue; participate on task groups; participate in subcommittee meeting in 10/08.
<b><i>Product</i></b>	<b>Infant Carriers (Frame)</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To assist in revisions to the ASTM <i>Standard Consumer Safety Specification for Frame Child Carriers</i> (ASTM F2549) to minimize the risk of injuries to occupants of infant frame carriers.
<b><i>Activities</i></b>	CPSC staff participated in the 10/10/07 subcommittee meeting, which was combined with the subcommittee meeting on soft infant carriers. There were no topics involving frame infant carriers at that time, so the meeting focused on soft infant carriers.
<b><i>Next Action</i></b>	Participate in subcommittee meeting on 4/2/08.
<b><i>Product</i></b>	<b>Infant Carriers (Hand-Held)</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Performance Specification for Hand-Held Infant Carriers</i> (ASTM F2050) to minimize the risk of injuries to occupants.
<b><i>Activities</i></b>	CPSC staff participated in a 10/10/07 subcommittee meeting and also on a task group to evaluate handle integrity. The task group work is continuing, with CPSC staff taking a lead in the development of a dynamic test for the requirement. CPSC staff was also asked to provide incident data for review at the next meeting.
<b><i>Next Action</i></b>	Provide incident data; participate on task groups; participate in subcommittee meeting on 4/3/08.

**Product**                    **Infant Carriers (Soft)**

**Staff Contact**            Hackett, Patty

**Purpose**                      To revise the ASTM *Standard Consumer Safety Specification for Soft Infant Carriers* (ASTM F2236) to strengthen its safety provisions.

**Activities**                 CPSC staff participated in a 10/10/07 subcommittee meeting. A revision to the standard to include a test requirement for carriers without bounded leg openings was prepared for balloting. The ballot was distributed for comment on 1/7/08.

**Next Action**              Participate in subcommittee meeting on 4/2/08.

**Product**                    **Infant Gates**

**Staff Contact**            Hackett, Patty

**Purpose**                      To revise the ASTM *Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures* (ASTM F1004) to strengthen its safety provisions.

**Activities**                 CPSC staff participated in a 10/9/07 subcommittee meeting. Staff also provided technical support for possible revisions to the standard to address injuries associated with tripping. Staff provided injury data to the subcommittee chairman in 2/08.

**Next Action**              Participate in subcommittee meeting in 10/08.

**Product**                    **Infant Swings**

**Staff Contact**            Hackett, Patty

**Purpose**                      To revise the ASTM *Standard Consumer Safety Specification for Infant Swings* (ASTM F2088) to strengthen its safety provisions.

**Activities**                 A revised *Standard Consumer Safety Specification for Infant Swings* (ASTM F2088-08) was approved on 1/01/08. The revisions included additional requirements for toy accessories and changes to structural integrity, restraint system, battery operated swings, and stability requirements. CPSC staff participated in a 10/9/07 subcommittee meeting. Requirements for stability performance and a cradle warning label were discussed. CPSC staff was asked to provide incident data for review at the next subcommittee meeting.

**Next Action**              Provide incident data; participate in subcommittee meeting on 4/3/08.



<b><i>Product</i></b>	<b>Infant Tubs</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To develop a new ASTM safety standard to address the hazards associated with infant tubs.
<b><i>Activities</i></b>	CPSC staff participated in a 10/9/07 subcommittee meeting at which ballot results for a proposed new standard were reviewed. The new standard was anticipated to be approved and published sometime in the next few months. Task groups were formed to address elevated surfaces, static load tests, stability, and rationale. CPSC staff was asked to provide updated incident data for subcommittee review.
<b><i>Next Action</i></b>	Provide incident data; participate in subcommittee meeting on 4/2/08.
<b><i>Product</i></b>	<b>Infant Walkers</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Performance Specification for Infant Walkers</i> (ASTM F977) to strengthen its safety provisions.
<b><i>Activities</i></b>	CPSC staff participated in a 10/9/07 subcommittee meeting. CPSC staff also participated on the task group reviewing the step test. This task group was examining the variables associated with the test procedure to isolate the ones that can cause discrepancies in results.
<b><i>Next Action</i></b>	Participate in subcommittee meeting on 4/3/08; round-robin testing by manufactures will be undertaken in 2008.
<b><i>Product</i></b>	<b>Inflatables (Constant Air)</b>
<b><i>Staff Contact</i></b>	Whitfield, Troy
<b><i>Purpose</i></b>	To develop a new ASTM safety standard for constant air inflatable playground devices intended for residential settings.
<b><i>Activities</i></b>	CPSC staff participated in meetings of the ASTM F15.61 Subcommittee to assist in the development of a proposed new standard for constant air inflatable devices for residential use. CPSC staff participation included review and editing of the draft standard and discussion of ballot comments.
<b><i>Next Action</i></b>	Participate in subcommittee meeting when scheduled.

<b><i>Product</i></b>	<b>Ladders</b>
<b><i>Staff Contact</i></b>	Caton, Tom
<b><i>Purpose</i></b>	To provide technical support to the ANSI A14 Subcommittee for Ladder Safety and Ladder Standards. The standards included within this subcommittee's responsibility include: <i>Wood Ladders</i> (ANSI A14.1), <i>Portable Metal Ladders</i> (ANSI A14.2), <i>Portable Plastic Reinforced Ladders</i> (ANSI A14.5), <i>Portable Special Duty Ladders</i> (ANSI A14.10), and <i>Mobile Ladder Stands and Mobile Ladder Stand Platforms</i> (ANSI A14.7).
<b><i>Activities</i></b>	<p>CPSC staff participated in an ANSI subcommittee meeting on 10/17/07. The subcommittee published three new standards:</p> <ol style="list-style-type: none"> <li>1) ANSI A14.1 <i>Wood Ladders</i></li> <li>2) ANSI A14.2 <i>Portable Metal Ladders</i></li> <li>3) ANSI A14.5 <i>Portable Plastic Reinforced Ladders</i></li> </ol> <p>Some editorial changes were made to all three standards for language consistency. In addition, a new standard for <i>Step Stools</i> (ANSI A14.11) was being prepared. Ladder tests were being adjusted for stepladders, and the definition of a step stool or stepladder was being revised for products in the 2- and 3-foot high range. The labeling task force was reviewing labeling needs for ladders.</p>
<b><i>Next Action</i></b>	Participate in subcommittee meeting on 4/23/08.
<b><i>Product</i></b>	<b>Lead in Children's Vinyl (PVC) Products</b>
<b><i>Staff Contact</i></b>	Hatlelid, Kris
<b><i>Purpose</i></b>	To develop a new ASTM standard to address the hazards associated with lead in certain children's vinyl products.
<b><i>Activities</i></b>	Prior to the reporting period, at an ASTM organizational meeting which resulted in forming the F15.62 Subcommittee on Lead in Children's Vinyl Products, a draft standard was distributed for review. Staff sent its comments on the draft standard on 10/03/2007. Revisions to the draft standard were circulated and discussed at an 11/27/07 subcommittee meeting. In addition, staff participated in a task group developing test methods. A revised draft standard was circulated for comment; comments are due 4/16/08.
<b><i>Next Action</i></b>	Provide comments on draft standard; participate in subcommittee meeting on 4/29/08.

<b><i>Product</i></b>	<b>Lighters</b>
<b><i>Staff Contact</i></b>	Khanna, Rikki
<b><i>Purpose</i></b>	To monitor revisions to the ASTM <i>Standard Consumer Safety Specification for Lighters</i> (ASTM F400) and the ASTM <i>Consumer Specification for Utility Lighters</i> (ASTM F2201) to reduce the fire hazard associated with mechanical failure.
<b><i>Activities</i></b>	In 2007, CPSC staff participated in a subcommittee meeting at which proposed changes to both ASTM F400-04 and ASTM F2201-02 were discussed with the purpose of making the language consistent among the lighter standards and to clarify instructions and warnings (e.g., when to use “shall” and “as appropriate”). CPSC staff presented information on labeling based on requirements of the Federal Hazardous Substances Act (FHSA). Due to the nature of changes to attempt to make the language in the standards consistent with FHSA labeling requirements, the subcommittee agreed that proposed changes should be drafted for review and comment.
<b><i>Next Action</i></b>	Review proposed changes to standards when available.
<b><i>Product</i></b>	<b>Mowers</b>
<b><i>Staff Contact</i></b>	Murphy, John
<b><i>Purpose</i></b>	To revise the ANSI <i>Standard for Consumer Turf Care Equipment – Walk-Behind Mowers and Ride-On Machines with Mowers – Safety Specifications</i> (ANSI B71.1-2003) to improve its safety provisions.
<b><i>Activities</i></b>	CPSC staff continued to monitor voluntary standard activities associated with mowers. In 2007, at the request of the ANSI B171.1 voluntary standard committee for Walk-Behind and Ride-On Machines with Mowers, CPSC staff provided injury and death data for the five-year period from 2002 through 2006. There was no activity during the reporting period.
<b><i>Next Action</i></b>	Monitor ANSI B171.1 Committee activities.

**Product**                    **National Electrical Code (NEC)**

**Staff Contact**            Lee, Doug

**Purpose**                    To revise the safety provisions of the National Fire Protection Association's *National Electrical Code (NFPA 70 or NEC)* to reduce electrical fires and shock associated with consumer products including appliances, electrical equipment, and wiring products.

**Activities**                The 2008 edition of the *NEC* was approved as an ANSI American National Standard on 8/15/07 and included expanded requirements for Arc-Fault Circuit Interrupters (AFCIs) in dwelling unit living areas. In 3/08, staff drafted a letter supporting state adoption of AFCI requirements as written in the 2008 edition of the *NEC*.

**Next Action**             Develop code proposals for the 2011 *NEC*; proposals due 11/7/08.

**Product**                    **Playground Equipment (<2 Years Old)**

**Staff Contact**            Whitfield, Troy

**Purpose**                    To revise the ASTM *Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 Months to 23 Months (ASTM F2373)*. Such equipment often is found in childcare facilities.

**Activities**                CPSC staff continued to monitor activities associated with this voluntary standard; however, there were no activities of the subcommittee during the reporting period.

**Next Action**             Participate in subcommittee meeting in 5/08.

**Product**                    **Playground Equipment (Home)**

**Staff Contact**            Whitfield, Troy

**Purpose**                    To revise the ASTM *Standard Consumer Safety Performance Specification for Home Playground Equipment (ASTM F1148)* to strengthen its safety provisions.

**Activities**                CPSC staff participated in a 1/29/08 subcommittee meeting. The group discussed the dynamic impact test for swing elements. A report from the International Organization for Standardization (ISO) committee on their proposed dynamic impact test was discussed. The subcommittee decided to drop plans for a study of monkey bars over swings and voted to no longer allow suspended items from overhead ladders. Task groups were formed to review and update the definitions section, to review requirements for components that incorporate water, and to review warning labels that may be placed on a product. CPSC staff provided an update on revisions to the staff's *Public Playground Safety Handbook*.

**Next Action**             Participate in subcommittee meeting in 5/08; review ISO impact test method.

**Product** **Playground Equipment (Public)**

**Staff Contact** Whitfield, Troy

**Purpose** To revise the ASTM *Standard Consumer Safety Performance Specification for Public Playground Equipment* (ASTM F1487) to strengthen its safety provisions.

**Activities** In 2007, CPSC staff shared copies of the staff's draft revised *Public Playground Safety Handbook* with subcommittee members for comment. Staff incorporated changes to the Handbook to address subcommittee comments.

**Next Action** Participate in subcommittee meeting in 5/08.

**Product** **Playground Surfacing**

**Staff Contact** McCallion, Rick

**Purpose** To revise ASTM standards associated with playground surfacing to reduce the risk of fall-related injuries, especially life-threatening head injuries. These standards include the *Standard Specification for Impact Attenuation of Surface Materials Within the Use Zone of Playground Equipment* (ASTM F1292), *Standard Specification for Determination of Firmness and Stability of Surface Systems Under and Around Playground Equipment* (ASTM F1951) and the *Standard Guide for ASTM Standards on Playground Surfacing* (ASTM F2223). The Guide describes how to apply existing ASTM standards to evaluate impact attenuation, accessibility characteristics, and product characteristics when selecting surface systems for use under and around playground equipment.

**Activities** A new *Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment* was approved on 3/1/08. CPSC staff participated in an 11/14/07 subcommittee meeting. The subcommittee continued working on the *Standard Specification for Determination of Firmness and Stability of Surface Systems Under and Around Playground Equipment* (ASTM F1951-99). Revisions to the *Standard Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials* (ASTM F1551-03) were ongoing. Staff presented an update on its activity to revise the *CPSC Handbook for Public Playground Safety*.

**Next Action** Participate in subcommittee meeting in 5/08.

<b><i>Product</i></b>	<b>Pool Alarms</b>
<b><i>Staff Contact</i></b>	Whitfield, Troy
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Specification for Pool Alarms</i> (ASTM F2208) to strengthen its safety provisions.
<b><i>Activities</i></b>	Prior to the reporting period, CPSC staff sent a letter to ASTM with recommendations for further revisions to clarify some of the test procedures, based on inconsistent results during CPSC staff testing of pool alarms. ASTM responded by developing and balloting clarifications to some of the requirements. The ballot closed on 9/10/07. Staff attended an 11/08/07 virtual meeting of the subcommittee to discuss ballot results. Further revisions were made and balloted. The ballot closed 3/31/08.
<b><i>Next Action</i></b>	Review results of ballot when available.
<b><i>Product</i></b>	<b>Pool Suction (Vacuum) Release Devices</b>
<b><i>Staff Contact</i></b>	Whitfield, Troy
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Specification for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs</i> (ASTM F2387) and the American Society for Mechanical Engineers (ASME) <i>Standard for Manufactured Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub, Wading Pool Suction Systems</i> (ANSI/ASME A112.19.17) to strengthen their safety provisions.
<b><i>Activities</i></b>	CPSC staff continued to review and test the protocols found in both the ASTM F2387 and ANSI/ASME A112.19.17 standards on safety vacuum release systems for swimming pools, spas, and hot tubs. There was no activity on these standards during the reporting period.
<b><i>Next Action</i></b>	Participate in ASTM subcommittee meeting when scheduled.

<b><i>Product</i></b>	<b>Pools and Spas</b>
<b><i>Staff Contact</i></b>	Whitfield, Troy
<b><i>Purpose</i></b>	To revise the ASME standard for drain covers, <i>Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Whirlpool Bathtub Appliances</i> (ASME/ANSI A112.19.8), to address entrapment/entanglement; to develop or revise ANSI/Association of Pool and Spa Professionals (APSP) performance standards for swimming pool, spa and hot tub construction to reduce injury and drowning incidents; and to revise the <i>Standard Guide for Use of a Residential Swimming Pool, Spa, and Hot Tub Safety Audit to Prevent Unintentional Drownings</i> (ASTM F2518).
<b><i>Activities</i></b>	<p>CPSC staff participated in a meeting on 2/11-12/08 to discuss a new addendum to the ASME/ANSI A112.19.8 standard to correct the UV light test procedure. The addendum was expected to be approved in 4/08.</p> <p>Staff also participated in virtual meetings on 3/20/08 and 3/28/08 to discuss revisions to the APSP-7 standard on entrapment avoidance. As a result of discussions, revisions to address entrapment avoidance through various means of pool construction or retrofit are expected to be balloted before 9/08. Revisions included performance requirements for entrapment avoidance mechanisms, including gravity drainage systems, suction outlet covers, atmospheric vent systems, and suction vacuum release systems (SVRS).</p>
<b><i>Next Action</i></b>	Review ballot results when available.
<b><i>Product</i></b>	<b>Portable Pools</b>
<b><i>Staff Contact</i></b>	Whitfield, Troy
<b><i>Purpose</i></b>	To develop a new ASTM <i>Standard Safety Specifications for Aboveground Portable Pools for Residential Use</i> (ASTM F2666), which includes one-piece vinyl, plastic, soft-sided, and inflatable pools.
<b><i>Activities</i></b>	A new <i>Standard Safety Specifications for Aboveground Portable Pools for Residential Use</i> (ASTM F2666-07) was approved on 11/01/07. The new standard specifies performance, labeling, and warning requirements. CPSC staff suggested language for inclusion in an Annex to the standard regarding layers of protection.
<b><i>Next Action</i></b>	Participate in subcommittee meeting when scheduled.

<b><i>Product</i></b>	<b>Pressure Cookers</b>
<b><i>Staff Contact</i></b>	Khanna, Rikki
<b><i>Purpose</i></b>	To revise the UL <i>Standard for Pressure Cookers</i> (UL 136) to strengthen its safety provisions.
<b><i>Activities</i></b>	CPSC staff monitored the activities of the UL 136 STP. In 1/08, UL issued a Certification Requirement Decision with revised performance tests to address concerns related to cover removal while the pressure cooker is under pressure.
<b><i>Next Action</i></b>	Monitor UL STP activities.
<b><i>Product</i></b>	<b>Range Extinguishing Systems</b>
<b><i>Staff Contact</i></b>	Mehta, Shivani
<b><i>Purpose</i></b>	To develop new requirements for the UL <i>Outline of Investigation for Extinguishing System Units for Residential Range Top Cooking Surfaces</i> (UL 300A) to address the risk of fire associated with ignition of food on cooktops.
<b><i>Activities</i></b>	In 2007, CPSC staff completed an evaluation of sample production and prototype range extinguishing systems, in cooperation with the National Institute of Standards and Technology (NIST).
<b><i>Next Action</i></b>	Receive test data from NIST and complete a staff report on its evaluation, which will be shared with the UL STP.
<b><i>Product</i></b>	<b>Ranges</b>
<b><i>Staff Contact</i></b>	Karen, Mike
<b><i>Purpose</i></b>	To provide technical support for the revision of UL <i>Standard for Household Electric Ranges</i> (UL 858) to reduce the potential tipover hazard associated with free-standing ranges.
<b><i>Activities</i></b>	In response to a CPSC staff letter, a UL range stability task group met on 11/9/07 to discuss range stability issues and requirements. In response to meeting action items, CPSC staff provided details on the range tipover incidents that had been referenced in the initial letter to UL. At the end of the reporting period, the UL task group was reviewing the data and drafting revised marking requirements to warn against the tipover hazard.
<b><i>Next Action</i></b>	Participate in task group meetings when scheduled.



**Product**                    **Scooters, Motorized**

**Staff Contact**            Amodeo, Vince

**Purpose**                    To provide technical assistance to the ASTM F15.58 Powered Scooters and Skateboards Subcommittee to develop or revise safety standards for motorized scooters.

**Activities**                On 1/22/08, staff participated in virtual meetings to discuss negatives and comments on recent F15 ballot items. Two new draft standards were revised and rebalotted to the F15 Committee:

1) *Specification for Safety Instructions and Labeling for Recreational Powered Scooters and Pocket Bikes*  
 2) *Consumer Safety Specification for Recreational Powered Scooters and Pocket Bikes*

The ballots closed on 2/26/08. At the end of the reporting period, the proposed new standard was at the final stage of the ASTM review process.

**Next Action**            Final approval on the two new standards by the ASTM Committee on Standards in 5/08 (est.)

**Product**                    **Smoke Alarms**

**Staff Contact**            Lee, Arthur

**Purpose**                    To revise the UL *Standard for Single- and Multiple-Station Smoke Alarms* (UL 217) to improve consumer safety and to revise the National Fire Protection Association (NFPA) *National Fire Alarm Code* (NFPA 72).

**Activities**                CPSC staff participated on the NFPA 72 Home Occupancy Usage (HOU) task group to evaluate the effectiveness of different smoke alarm sensors. The scope of the task group was to evaluate new information and claims relative to the performance of specific types of smoke detection (ionization and photoelectric) and determine if the current NFPA 72 requirements for placement and usage of non-specific types of smoke detector sensors in smoke alarms provide adequate life safety. CPSC staff participated in monthly teleconferences from 11/07 through 3/08. The task group completed a report on the findings and recommendations for the NFPA 72 HOU Technical Panel. Staff participated in a 1/08 NFPA 72 Report on Proposals (ROP) meeting in 1/08 for the development of the next edition of the NFPA 72 code.

CPSC staff participated in four task groups for UL 217 to address nuisance alarms, audibility, sensitivity, and labeling, including multiple teleconferences for each task group.

**Next Action**            Continue participation in UL 217 task group activities; participate in NFPA 72 ROP meeting in Winter 08.

<b><i>Product</i></b>	<b>Soccer Goals</b>
<b><i>Staff Contact</i></b>	Whitfield, Troy
<b><i>Purpose</i></b>	To provide technical support to the ASTM subcommittee for soccer goal safety standards to address tipover or other hazards to children. The standards included in this subcommittee's responsibility include: <i>Guide for Safer Use of Movable Soccer Goals</i> (ASTM F1938), <i>Standard Safety and Performance Specification for Soccer Goals</i> (ASTM F2056), and <i>Standard Safety Specification for Special Tip-Resistant Movable Soccer Goals</i> (ASTM F2673).
<b><i>Activities</i></b>	A new <i>Standard for Tip Resistant Soccer Goals</i> (ASTM F2673-08) was approved on 2/1/08. The standard includes performance requirements for resistance to tipover under a 200 lb. load.
<b><i>Next Action</i></b>	Participate in next subcommittee meeting when scheduled.
<b><i>Product</i></b>	<b>Stationary Activity Centers</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for Stationary Activity Centers</i> (ASTM F 2012) to strengthen its safety provisions.
<b><i>Activities</i></b>	CPSC staff participated in a 10/9/07 subcommittee meeting. The subcommittee was considering updates to the standard to add provisions for stability requirements for non-saucer-like centers. In addition, a task group was established to develop requirements for designs of activity centers that rotate around a center post.
<b><i>Next Action</i></b>	Monitor task group activities; participate in subcommittee meeting on 4/3/08.
<b><i>Product</i></b>	<b>Strollers</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for Carriages and Strollers</i> (ASTM F833) to strengthen the safety provisions.
<b><i>Activities</i></b>	CPSC staff participated in a 10/10/07 subcommittee meeting. A requirement for occupant retention (to address entrapment in passive containment/foot openings) was discussed. It was anticipated that the task group will continue to review this issue. CPSC staff was asked to provide updated incident data for subcommittee review.
<b><i>Next Action</i></b>	Provide incident data; participate in subcommittee meeting on 4/2/08.

<b><i>Product</i></b>	<b>Table Saws</b>
<b><i>Staff Contact</i></b>	Paul, Caroleene
<b><i>Purpose</i></b>	To revise the UL <i>Standard for Stationary and Fixed Electric Tools</i> (UL 987) to reduce the risk of laceration and amputation associated with table saw blade contact.
<b><i>Activities</i></b>	On 3/19/08, UL circulated draft proposals for revisions to UL 987 for preliminary review. The draft proposals include revisions to clarify the position of the test probe while it is being applied to a side barrier of a blade guard during testing and revisions to clarify procedures for testing the blade guard of a riving knife or riving knife/spreader combination. The comment period was scheduled to close on 4/18/08.
<b><i>Next Action</i></b>	Review comments on draft proposals when available.
<b><i>Product</i></b>	<b>Toddler Beds</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for Toddler Beds</i> (ASTM F1821) to include corner post requirements and to update the standard's warning language.
<b><i>Activities</i></b>	CPSC staff participated in a 3/31/08 subcommittee meeting. Staff provided incident data for subcommittee review, which included an in-depth investigation report of a fatality. CPSC staff was asked to provide follow-up incident data regarding entrapments in toddler beds and orientation of rails.
<b><i>Next Action</i></b>	Provide incident data; participate in subcommittee meeting in 10/08.
<b><i>Product</i></b>	<b>Toys</b>
<b><i>Staff Contact</i></b>	Amodeo, Vince
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for Toy Safety</i> (ASTM F963) to strengthen its safety provisions.
<b><i>Activities</i></b>	During the reporting period, staff participated in several virtual working group meetings for magnet toys regarding age grading, magnet strength, magnet size, and use and abuse requirements. CPSC staff also participated in a 3/6/07 subcommittee meeting. Task groups on magnets, projectiles, flammability, and yo-yo tether toys reported the status of their activities. Draft revisions from task groups were reviewed and were expected to be submitted for ballot. In a 2/25/08 letter, staff requested that ASTM establish a working group to address overheating and fire risks associated with rechargeable batteries used in toys.
<b><i>Next Action</i></b>	Participate in subcommittee meeting in 10/08 (est.); review ballot for magnet toys and other issues when available.

<b><i>Product</i></b>	<b>Treestands</b>
<b><i>Staff Contact</i></b>	Karen, Mike
<b><i>Purpose</i></b>	To provide technical support for the development or revision of standards for hunting treestands and associated equipment to reduce hazards to consumers.
<b><i>Activities</i></b>	On 10/8/07, two Treestand Manufacturer Association (TMA) standards, <i>Standard Practice for Treestand Safety Devices</i> (TMS 03-98 Rev G) and <i>Standard Practice for Treestand Instructions</i> (TMS 04-98 Rev F) were approved by TMA. The standards became effective on 1/1/08. The standards were revised to require that all TMA-approved treestands/harnesses incorporate a suspension relief device (to relieve harness tension on a hunter in the event of a fall). The standards were submitted to ASTM for approval. The ASTM F08.16 subcommittee met on 1/09/08, and the two standards were submitted for balloting.
<b><i>Next Action</i></b>	Review ballot when available.
<b><i>Product</i></b>	<b>Turkey Fryers</b>
<b><i>Staff Contact</i></b>	Khanna, Rikki
<b><i>Purpose</i></b>	To revise the ANSI <i>Standard for Outdoor Cooking Specialty Gas Appliances</i> (ANSI Z21.89/CSA 1.18) to reduce the fire hazards associated with turkey fryers/boilers.
<b><i>Activities</i></b>	In 2007, CPSC staff completed an evaluation of turkey fryers currently on the market. Staff was drafting a report of its evaluation at the end of the reporting period.
<b><i>Next Action</i></b>	Provide results of CPSC staff testing to the ANSI Technical Advisory Group (TAG); participate in next TAG meeting when scheduled.

**Product**                   **Vented Gas Appliances (CO Sensors)**

**Staff Contact**           Jordan, Ron

**Purpose**                    To revise the ANSI standards for gas appliances to include requirements to address the carbon monoxide hazard. The standards include: *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), and *Vented Gas Fireplace Heaters* (ANSI Z21.88).

**Activities**               In 2/08, contractor testing of furnaces equipped with CO sensors was completed. The testing was conducted in accordance with the corrosion test provisions in the *Standard for Gas-Fired Central Furnaces* (ANSI Z21.47). The purpose of this testing was to expose the sensors to furnace operating conditions and accelerate the life of the sensors in order to assess sensor durability and longevity. This approach was in response to concerns raised by members of the ANSI Z21/83 Committee about the durability and longevity of sensors if used within furnaces. Staff was analyzing the data at the end of the reporting period.

**Next Action**             Participate in ANSI Z21.13 Boiler TAG meeting when scheduled.

**Product**                   **Window Guards**

**Staff Contact**           Brown, Sarah

**Purpose**                    To revise the ASTM *Standard Specifications for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanism* (ASTM F2090) and the ASTM *Standard Safety Specifications for Window Fall Prevention Devices for Non-Emergency Escape (Egress) and Rescue (Ingress) Windows* (ASTM F2006) to include specifications for window opening control devices.

**Activities**               CPSC staff participated in several meetings to discuss revisions to the standards to include provisions for window opening control devices. CPSC staff provided anthropometric data for children and adults to aid in the development of specifications, which would allow egress but prevent children from falling.

Draft revisions were prepared during several meetings. In 1/08, an updated draft ASTM F2090 was sent to subcommittee members for final review. In 2/08, an updated draft ASTM F2006 was sent to the subcommittee members for final review. Upon completion of the revised drafts, the standards were planned for ballot to the subcommittee and F15 Main Committee.

**Next Action**             Review results of ballots for revised draft standards.

<b><i>Product</i></b>	<b>Youth (Folding) Chairs</b>
<b><i>Staff Contact</i></b>	Hackett, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for Children's Folding Chairs</i> (ASTM F2613-07) to reduce the hazards associated with these products.
<b><i>Activities</i></b>	CPSC staff participated in a 3/31/08 subcommittee meeting on folding chairs. The subcommittee is considering the addition of a static load requirement for children's chairs.
<b><i>Next Action</i></b>	Participate in subcommittee meeting in 10/08.