


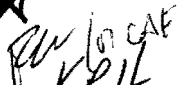





UNITED STATES  
CONSUMER PRODUCT SAFETY COMMISSION  
4330 EAST WEST HIGHWAY  
BETHESDA, MD 20814

**Memorandum**

Date:: **MAR 10 2011**

TO : The Commission

THROUGH: Todd A. Stevenson, Secretary   
Cheryl A. Falvey, General Counsel   
Kenneth R. Hinson, Executive Director   
Robert J. Howell, Assistant Executive Director   
Office of Hazard Identification and Reduction

FROM : Colin B. Church   
Voluntary Standards Coordinator

SUBJECT : Voluntary Standards Activities FY 2010 Annual Report

Attached is the U.S. Consumer Product Safety Commission staff's *Voluntary Standards Activities FY 2010 Annual Report (October 2009–September 2010)* which is forwarded for your information. If you have any questions, please call Colin Church at 301-504-7245.

ATTACHMENT:

*RH 3/10/2011*  
CLEARED FOR PUBLIC RELEASE  
UNDER CPSA 6(b)(1)  
THIS DOCUMENT HAS NOT BEEN  
REVIEWED OR ACCEPTED BY THE  
COMMISSION.

# **Voluntary Standards Activities 10/1/09–9/30/10**

## **SUMMARY**

Twenty-five new, revised, or reaffirmed voluntary safety standards, for which the U.S. Consumer Product Safety Commission (CPSC) staff monitored or provided technical support, were completed during the period from October 1, 2009 to September 30, 2010. These addressed bassinets and cradles, bath seats, bed rails, bicycles, blind cords, booster seats, chairs (high), cribs (full-size), cribs (non-full-size) and play yards, garage door operators, heaters (electric), infant bouncers, infant carriers (hand-held), infant gates, infant swings, infant tubs, infant walkers, lighters (two standards), recreational off-road vehicles, soccer goals, strollers, and treestands (three standards).

In total from October 1, 2009 to September 30, 2010, CPSC staff provided technical support to or monitored the development of 62 voluntary safety standards activities, which are included in the information that follows. CPSC staff's voluntary standards involvement was limited partially during the reporting period to focus agency resources on regulatory activities associated with the Consumer Product Safety Improvement Act of 2008 (CPSIA) (Pub. L. 110-314). The vast majority of the voluntary standards development activities 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). The standards developed using the procedures of these groups provide safety provisions addressing potential hazards associated with consumer products found in our homes, schools, and recreational areas.

## **VOLUNTARY STANDARDS AND THE CONSUMER PRODUCT SAFETY IMPROVEMENT ACT (CPSIA)**

CPSC staff worked with ASTM and its subcommittees to fulfill certain requirements of the CPSIA. Section 104(b) of the CPSIA requires the Commission to promulgate consumer product safety standards for durable infant or toddler products. These standards are to be "substantially the same as" applicable voluntary standards or more stringent than these voluntary standards if the Commission determines that more stringent requirements would further reduce the risk of injury associated with the product.

A durable infant or toddler product is defined in the CPSIA as a durable product intended for use, or that may be reasonably expected to be used, by children under the age of five and includes, but is not limited to: walkers, bath seats, full-size and non-full-size cribs, toddler beds, high chairs, booster chairs, hook-on chairs, gates and other enclosures, play yards, stationary activity centers, strollers, swings, bassinets, and cradles. Before issuing such standards, the Commission, in consultation with representatives of consumer groups, juvenile product manufacturers, and independent child product engineers and experts, must examine and assess the effectiveness of any voluntary consumer product safety standards for the relevant durable infant and toddler product. The ASTM subcommittees are comprised of consumers, juvenile product manufacturers, independent child product engineers and experts, and may include other interested stakeholders.

ASTM subcommittees maintained and developed voluntary safety standards for durable infant and toddler products, as well as other products. Selected subcommittees, with input from CPSC staff, sought to develop revised voluntary safety standards that would be substantially the same as mandatory safety standards, which might be proposed by CPSC staff to the Commission. CPSC staff later evaluated the revised ASTM standards and recommended that the Commission incorporate by reference the revised ASTM voluntary standards (together with more appropriate and more stringent safety provisions) in CPSC mandatory standards. Cooperative activities between CPSC staff and the ASTM voluntary standards subcommittees included evaluating death and injury data, hazard patterns, and recent recalls to identify gaps or potential safety hazards not covered in existing ASTM safety standards. These activities also included developing new testing protocols and conducting laboratory tests to validate testing approaches.

## **THE “V-STAR” REPORT**

Below you will find the current Voluntary Standards Tracking and Access Report (V-STAR), which 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 CPSC staff was developed by the Office of Hazard Identification and Reduction to prepare the report. This report is issued at the middle and end of the CPSC fiscal year, which runs from October 1 to September 30. Below is the *V-STAR FY 2010 Annual Report (October 2009–September 2010)*.

## **PUBLIC PARTICIPATION AND COMMENT**

During the reporting period, CPSC staff continued to provide 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 website ([www.cpsc.gov](http://www.cpsc.gov)) to allow for public review and comment.

## **ONE-STOP FOR VOLUNTARY CONSUMER PRODUCT SAFETY STANDARDS**

Maintenance of the CPSC website continued to make it easier for users to find more extensive information on voluntary consumer product safety standards. Through the CPSC website, users were able to access the computer search engines of the three major standards organizations (ANSI, ASTM International, and UL) that handle almost all of the voluntary safety standards on which the CPSC staff works.

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

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

**FY 2010 ANNUAL REPORT  
(October 2009–September 2010)**



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

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

***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 voluntary standards. A description of these activities from October 1, 2009 through September 30, 2010, 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. During the first half of FY 2010, the number of voluntary standards activities in which staff participated was partially limited, to focus agency resources on regulatory activities associated with the Consumer Product Safety Improvement Act of 2008 (CPSIA).

## **INDEX**

	<u>Page</u>
Activity Centers, Stationary.....	7
Air Cleaners (Ozone Generation).....	7
Amusement Rides (Portable).....	8
Bassinets and Cradles .....	9
Bath Seats .....	10
Batteries .....	11
Bed Rails .....	12
Beds, Bunk.....	12
Beds, Toddler.....	13
Bedside Sleepers .....	13
Bicycles .....	14
Blind Cords .....	15
Booster Seats .....	15
Candles .....	16
Chairs, High.....	16
Chairs, Youth (Folding).....	17
Changing Tables.....	17
Child-Resistant Packaging.....	17
CO Alarms.....	18
Cribs (Commercial) .....	19
Cribs (Full-Size) .....	20
Cribs (Non-Full-Size) and Play Yards .....	21
Drywall.....	22
Fuel Tanks (Leakage).....	22
Garage Door/Gate Operators.....	23
Gasoline Containers .....	23
Generators (Portable) .....	24
Heaters (Cabinet/Cylinder).....	24
Heaters (Electric) .....	25
Helmets (Recreational) .....	25
Inclined Sleep Products (Hammocks) .....	26
Infant Bedding and Accessories .....	26
Infant Bouncers .....	26
Infant Carriers (Frame).....	27
Infant Carriers (Handheld).....	27
Infant Carriers (Soft).....	27
Infant Gates .....	28
Infant Slings .....	28
Infant Swings .....	29
Infant Tubs .....	29
Infant Walkers .....	30
Ladders .....	30
Lighters, Cigarette.....	31
Mattresses.....	31
Mowers.....	32
National Electrical Code.....	32
Off-Road Vehicles (ATVs and ROVs).....	33
Phthalates .....	34

Playground Equipment (Children <2 Years) .....	34
Playground Equipment (Home) .....	34
Playground Equipment (Public) .....	35
Power Equipment (formerly Table Saws).....	35
Ranges (Tipover).....	36
Scooters (Motorized).....	36
Shopping Carts .....	36
Smoke Alarms .....	37
Soccer Goals .....	37
Sprinklers.....	37
Strollers .....	38
Swimming Pools and Spas .....	38
Toys .....	39
Treestands .....	39

***CPSC Staff Voluntary Standards Activities***  
***FY 2010 Annual Report***  
***(October 2009–September 2010)***

<b><i>Product</i></b>	<b>Activity Centers, Stationary</b>
<b><i>Staff Contact</i></b>	Edwards, Patty
<b><i>Purpose</i></b>	To revise the ASTM International (ASTM) <i>Standard Consumer Safety Specification for Stationary Activity Centers</i> (ASTM F2012) to strengthen its safety provisions.
<b><i>Activities</i></b>	CPSC staff participated in subcommittee meetings on 10/15/09 and 3/18/10. The subcommittee discussed and balloted requirements addressing: (1) hazards associated with activity centers that can rotate around a central post; and (2) a change to the seat tilt test to account for rotating seat stationary activity centers.
<b><i>Next Action</i></b>	Continue to provide technical assistance to the subcommittee and participate in a subcommittee meeting on 11/11/10.
<b><i>Product</i></b>	<b>Air Cleaners (Ozone Generation)</b>
<b><i>Staff Contact</i></b>	Thomas, Treye
<b><i>Purpose</i></b>	To review and provide technical assistance for the implementation and revision of the American National Standards Institute (ANSI)/Underwriters Laboratories Inc. (UL) <i>Standard for Electrostatic Air Cleaners</i> (ANSI/UL 867 Section 37) to improve consumer safety.
<b><i>Activities</i></b>	Exposure to ozone can affect the respiratory system, causing adverse health effects such as throat irritation, pulmonary edema, and reduced lung function, with symptoms including coughing and shortness of breath. CPSC staff continued to participate in the UL working group maintaining the ANSI/UL <i>Standard for Electrostatic Air Cleaners</i> (ANSI/UL 867). During the reporting period, preparations were made for implementation in California of testing requirements found in the ANSI/UL 867 standard. These requirements were scheduled to become fully effective in 10/10. The testing requirements limit the ozone emitted from indoor air cleaning devices. In general, there was very little working group activity during the reporting period.
<b><i>Next Action</i></b>	Monitor California implementation of the ANSI/UL 867 standard and make recommendations for further revisions to the UL standard, as appropriate.



<b><i>Product</i></b>	<b>Amusement Rides (Portable)</b>
<b><i>Staff Contact</i></b>	Caton, Tom
<b><i>Purpose</i></b>	To monitor and provide technical support to the development of new and revised standards of the ASTM F24 Committee on Amusement Rides and Devices.
<b><i>Activities</i></b>	<p>The scope of ASTM F24 activities includes terminology, building code requirements, latch requirements for child patrons, patron height measurement methods, and fencing requirements. Committee F24 met in 2/10. CPSC staff reviewed ballots on standard practices for amusement ride terminology, design, manufacture, railways, water-related rides and devices, and hydraulic systems.</p> <p>CPSC staff attended the Pennsylvania Spring Amusement Ride Seminar and reviewed amusement ride regulations and standards with state government officials, private inspectors, and ride owners. In addition, CPSC staff made a presentation about dissimilar metals and corrosion.</p> <p>ASTM F24 is revising ASTM F2291 <i>Practice for Design of Amusement Rides and Devices</i>, ASTM F2137 <i>Practice for Measuring the Dynamic Characteristics of Amusement Rides and Devices</i>, and ASTM 0893 <i>Guide for Auditing Amusement Rides and Devices</i> for consistent format with other standards</p>
<b><i>Next Action</i></b>	The next ASTM meetings on portable amusement rides are planned in 10/10 and 2/11. CPSC staff will continue monitoring the ASTM F24 standard development process and will make recommendations for revisions in the ASTM F24 standards, as appropriate.

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

**Staff Contact**            Edwards, Patty

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

**Activities**                A revised ASTM *Standard Consumer Safety Specification for Bassinets and Cradles* (ASTM F2194-10) was approved on 4/1/10. This version contains an exemption of toys on mobiles. Staff attended subcommittee meetings on 10/15/09, 3/17/10, and 8/27/10.

The task group on fabric detachment reported that the main objections to the test procedure pertained to testing removable covers and the requirement to test in all use configurations. The subcommittee decided to reword the proposal based on comments received; the wording will indicate that the procedure will test fabric in “all possible use configurations.”

At the 3/17/10 ASTM subcommittee meeting, a task group was established to review CPSC data regarding deaths due to added bedding. Another task group was established to review rocking incidents. CPSC staff agreed to participate in each of these task groups. A proposal to strengthen the warning using the phrase “Infants have died” was balloted and approved. The subcommittee also proposed a number of new definitions for the standard. On 3/17/10, staff reported on the progress of the CPSC’s proposed mandatory standard for bassinets promulgated under Section 104 of the CPSIA. The subcommittee provided comments on the proposed language and was especially concerned by the proposed method to measure the tilt angle of the occupant sleeping surface to address positional asphyxiation.

The task group formed to evaluate alternative methods of measuring the tilt angle proposed a method that involves a test block placed adjacent to a test cylinder for holding an inclinometer. A static load test was refined at the meeting and will go to ballot. It requires a load to be applied to the corners of play yard bassinet attachments in such a manner that would affect the sleeping surface of the product. Minor modifications of the warning labels were approved to go to ballot. Some concern was expressed about the language used to describe that double action release mechanisms may prohibit some designs that employ retractable castors. Concerns about the use of passive restraints were addressed by the subcommittee agreeing to eliminate all restraints. This change will go to ballot. A manufacturer requested that thicker mattresses be allowed for rigid-sided bassinets. More discussion was needed on this issue and it was deferred for lack of time.

**Next Action**            Staff will continue to provide technical assistance to the subcommittee and keep the subcommittee informed of the progress of the proposed CPSC rule. Staff will also participate in an ASTM subcommittee meeting on 11/8/10.

<b><i>Product</i></b>	<b>Bath Seats</b>
<b><i>Staff Contact</i></b>	Edwards, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for Infant Bath Seats</i> (ASTM F1967) to eliminate or reduce the risk of infant drowning resulting from tipover incidents and the hazards associated with climbing out of infant bath seats.
<b><i>Activities</i></b>	A revised ASTM <i>Standard Consumer Safety Specification for Infant Bath Seats</i> (ASTM F1967-2010) was approved on 3/15/10. This revision provided safety provisions suitable for incorporation by reference within a proposed CPSC mandatory standard. The provisions addressed the stability requirement and the leg opening requirement. CPSC staff provided incident data in 9/09 for review at the 10/14/09 subcommittee meeting. Four new incidents were reported at the 3/17/10 meeting, but no new hazards were identified. The subcommittee chair reported on the EU Commission's directive to begin working on requirements for bathing aids sold in Europe.
<b><i>Next Action</i></b>	Staff will continue to provide technical assistance to the subcommittee and keep the subcommittee informed about the progress of the proposed CPSC mandatory standard. Staff plans to participate in the ASTM subcommittee meeting on 11/10/10.

<b><i>Product</i></b>	<b>Batteries</b>
<b><i>Staff Contact</i></b>	Lee, Doug
<b><i>Purpose</i></b>	To provide technical support to the development and revision of battery safety standards and support the development of certification programs for batteries to ensure safe and reliable use.
<b><i>Activities</i></b>	Hazards associated with batteries and battery chargers include: overheating, fire, thermal burns, exposure to electrolytes, explosions, ingestion, and electrical shock from chargers. CPSC staff monitored and participated in many standards activities including: (1) those of the Institute of Electrical and Electronics Engineers (IEEE): <i>Standard for Rechargeable Batteries for Mobile Telephones</i> (IEEE 1725) and <i>Standard for Rechargeable Batteries for Multi-cell Computing</i> (IEEE 1625); (2) Underwriters Laboratories Inc. <i>Standard for Safety for Lithium Batteries</i> (UL 1642); (3) American National Standards Institute/National Electrical Manufacturers Association (ANSI/NEMA) <i>Safety Standards for Primary, Secondary and Lithium Batteries</i> (ANSI/NEMA C18); and (4) ASTM International <i>Standard Consumer Safety Specification for Toy Safety</i> (ASTM F963). As part of CPSIA Section 106 activities, CPSC staff worked with industry to address battery hazards in toys and to revise the ASTM F963 toy standard. CPSC staff solicited industry comments on the CPSC staff drafted proposed requirements for ASTM F963. At the request of CPSC staff, a working group was formed to complete the draft battery requirements for ASTM F963. CPSC staff participated in ASTM working group meetings and teleconferences on 10/30/09 and 11/17/09, to further refine draft requirements. CPSC staff continued to monitor ANSI/NEMA C18 activity involving hazards, potential requirements, and certification of batteries used in toys.
<b><i>Next Action</i></b>	Complete draft requirements for ASTM F963 standard balloting, including newly proposed requirements for batteries in sealed enclosures, as well as labeling requirements. Review requirements for accessibility of small batteries that could be ingested. Continue to participate in battery standards activities involving hazard reduction, including ANSI and ASTM meetings on 10/20-21/10, 11/3/10, and 1/31/11.

**Product**                    **Bed Rails**

**Staff Contact**            Edwards, Patty

**Purpose**                    To revise the ASTM *Standard Consumer Safety Specification for Bed Rails* (ASTM F2085-09) to strengthen its safety provisions.

**Activities**                A revised ASTM *Standard Consumer Safety Specification for Bed Rails* (ASTM F2085-10) was approved on 5/15/10. The standard seeks to improve the marking and labeling requirements, as well as to clarify testing procedures. Staff participated in subcommittee meetings on 10/14/09, 3/19/10, and 8/25/10. A ballot item on manufacturer-specific bed rails remained to be resolved. The subcommittee reviewed recent incident data and investigations involving misassembly and formed a task group to refine proposed requirements to address misassembly. Another task group was formed to refine warnings. The subcommittee also examined inflatable bed bolsters and discussed whether such products were within the scope of the standard. A new task group will create a proposal to address this issue in the next meeting.

**Next Action**            Participate in an ASTM subcommittee meeting 11/12/10. Staff will continue to provide technical assistance to the subcommittee and keep the subcommittee informed of the progress of a proposed CPSC rule.

**Product**                    **Beds, Bunk**

**Staff Contact**            Edwards, Patty

**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**                CPSC staff participated in a 3/17/10 subcommittee meeting. Among other things, the subcommittee discussed an incident where a child died from strangulation on a cross wire. Staff was asked to redraft the introduction to the standard.

**Next Action**            It is anticipated that the subcommittee will add a statement to the scope of the standard to explain that accessories for bunk beds must meet other applicable safety standards. The warning that requires guard rails on both sides of the bed probably will be rewritten to allow for designs with an integral rail on one side. A performance test using a head probe will likely be proposed. Another task group will address how to measure the guard rail and harmonize with the federal standard. Staff will provide incident data associated with loft beds with a full-size mattress. Staff will continue to provide technical assistance and monitor ASTM subcommittee activities. Staff will evaluate proposals made by the task groups at a subcommittee meeting to be held in 11/10.

<b><i>Product</i></b>	<b>Beds, Toddler</b>
<b><i>Staff Contact</i></b>	Edwards, 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 subcommittee meetings on 10/14/09, 3/16/10, and 8/25/10. The subcommittee discussed four topics from the proposed CPSC mandatory standard on toddler beds and their test procedures: rail heights, structural integrity of rails, slat strength, and warnings. Other issues about the testing methods were discussed, including the use of the large head probe and the fish probe.
<b><i>Next Action</i></b>	Task groups will consider the issues noted above. Staff will continue to provide technical assistance to the subcommittee and participate in a subcommittee meeting on 11/9/10. Staff will evaluate subcommittee concerns about the requirements in the CPSC Notice of Proposed Rulemaking (NPR). In light of a possible CPSC mandatory standard, the goal is to create a revised ASTM voluntary standard that can be incorporated by reference into a possible CPSC mandatory standard.
<b><i>Product</i></b>	<b>Bedside Sleepers</b>
<b><i>Staff Contact</i></b>	Lee, Doug
<b><i>Purpose</i></b>	To develop a new ASTM <i>Standard Consumer Safety Specification for Bedside Sleepers</i> to address various hazards associated with these products.
<b><i>Activities</i></b>	<p>CPSC staff participated in ASTM subcommittee meetings on 10/15/09, 3/17/10, and 8/26/10. A draft of the proposed standard was reviewed and balloted. The subcommittee discussed negative votes and found one non-persuasive. New areas proposed for incorporation in the standard included: (1) misassembled bedside sleepers, which could lead to falls or suffocations, and (2) user developmental level as stated in the bassinet standard, which could lead to misuse of the product, causing falls.</p> <p>In 8/10, the subcommittee discussed the scope of the standard and side height requirements. Some members contended that bedside sleepers, by definition, have one side that is lower than the others, and that all sides of the product should be addressed by the standard. A task group was formed to develop a response to this issue for a ballot vote. Another task group was formed to refine the warning language addressing entrapment and suffocation.</p>
<b><i>Next Action</i></b>	Staff will continue to provide technical assistance to the subcommittee and participate in the ASTM subcommittee meetings on 11/9/10 and 1/12/11. Staff will evaluate any new proposals addressing the scope or side heights.

<b><i>Product</i></b>	<b>Bicycles</b>
<b><i>Staff Contact</i></b>	Amodeo, Vince
<b><i>Purpose</i></b>	To develop new or revised ASTM safety standards to reduce or eliminate hazards associated with bicycles and bicycle components.
<b><i>Activities</i></b>	<p>A new ASTM <i>Standard Specification for Condition 0 Bicycle Frames</i> (ASTM <u>F2843-10</u>) was approved on 5/1/10. The staff attended subcommittee meetings on 5/18/10 and 9/22/10. Draft standards for bicycle trailer cycle, condition 1 bicycle forks, bicycle handlebar grips, and a test method for weighing a bicycle were reviewed.</p> <p>On 7/9/10, the ASTM F08.10 subcommittee ballots for the following draft standards were issued:</p> <ol style="list-style-type: none"> <li>(1) a revision of ASTM <i>Test Methods for Bicycle Forks</i> (ASTM F2273-03) in which minor revisions were proposed to improve clarity. Further, the bending fatigue test failure criteria were modified to address composite materials.</li> <li>(2) a revision of ASTM <i>Specification for Condition 3 Bicycle Forks</i> (ASTM F2274-03), in which the test load and the cycle count for the bending fatigue test were modified.</li> <li>(3) a new ASTM <i>Standard Specification for Condition 1 Bicycle Forks</i>, which provides test load values for Condition 1 bicycle forks.</li> <li>(4) a revision of the ASTM <i>Specification for Condition 0 Bicycle Frames</i> (ASTM F2843-10), which provides for a modified impact strength test load and acceptance criteria.</li> <li>(5) a new <i>Standard Specification for Condition 2 Bicycle Frames</i>, which provides test load values for Condition 2 bicycle frames</li> </ol> <p>On 8/17/10, the ASTM F08 committee issued ballots for:</p> <ol style="list-style-type: none"> <li>(1) a revision of the ASTM <i>Specification for Condition 0 Bicycle Frames</i> (ASTM F2843-10), which modifies impact strength test load and acceptance criteria, and</li> <li>(2) a new ASTM work item under a new proposed <i>Standard Specification for Condition 2 Bicycle Frames</i>, which provides test load values for Condition 2 bicycle frames.</li> </ol>
<b><i>Next Action</i></b>	Participate in ASTM subcommittee meeting in 5/11.

<b><i>Product</i></b>	<b>Blind Cords</b>
<b><i>Staff Contact</i></b>	Balci-Sinha, Rana
<b><i>Purpose</i></b>	To revise the American National Standards Institute (ANSI)/Window Covering Manufacturers Association (WCMA) <i>Standard for Safety of Corded Window Covering Products</i> (ANSI/WCMA A100.1) to reduce strangulation hazards associated with window covering cords.
<b><i>Activities</i></b>	<p>A new ANSI/WCMA <i>Provisional Standard for Safety of Corded Window Covering Products</i> (ANSI/WCMA A100.1-2010 PS2) was approved on 9/3/10. The provisional standard revised the requirements regarding Roman style shades and also included some changes in cord shroud devices, tension devices, stock blinds, and adjustable length blind requirements. Most importantly, the standard deleted prescriptive Roman style shade requirements and replaced them with performance requirements and test procedures to determine if a rear cord is accessible and hazardous. The standard also eliminated cord release devices as a compliance path for Roman style shades. CPSC staff participated in a number of technical committee meetings and teleconferences and provided assistance, including hazard scenarios, epidemiological information, health sciences data, and engineering support and evaluation of the proposed requirements to determine their efficacy. Future standards work will primarily focus on the hazards associated with operating cords in conventional lift systems and looped cords in continuous lift systems.</p> <p>In 6/10, the CPSC, Health Canada and DG SANCO [European Commission] urged standards development organizations and manufacturers to create strong and comprehensive international safety standards on window coverings to reduce the number of deaths and injuries caused by corded window coverings.</p>
<b><i>Next Action</i></b>	Monitor WCMA activities, particularly the future work on operating cords and looped cords. Participate in WCMA sponsored stakeholder meetings.
<b><i>Product</i></b>	<b>Booster Seats</b>
<b><i>Staff Contact</i></b>	Edwards, Patty
<b><i>Purpose</i></b>	To assist in the revision of the ASTM <i>Standard Consumer Safety Specification for Booster Seats</i> (ASTM F2640) to reduce hazards associated with booster seats.
<b><i>Activities</i></b>	A revised ASTM <i>Standard Consumer Safety Specification for Booster Seats</i> (ASTM F2640-10) was approved on 4/1/10. CPSC staff participated in subcommittee meetings on 10/16/09 and 3/18/10.
<b><i>Next Action</i></b>	The subcommittee plans to discuss revising the standard to address limitations of the product in warnings such as, "Do not use in automobiles." A task group will be formed to consider tipovers and the integrity of the straps used to attach the seats to adult chairs. The subcommittee also plans to evaluate the age grading of booster seats and the potential for misuse in cars. In addition, the subcommittee plans to consider new wording to clarify the impact test procedure. Staff will participate in an ASTM subcommittee meeting on 11/11/10.



<b><i>Product</i></b>	<b>Candles</b>
<b><i>Staff Contact</i></b>	Tenney, Allyson
<b><i>Purpose</i></b>	To revise or develop new ASTM safety standards to eliminate or significantly reduce fire hazards associated with candles and candle products.
<b><i>Activities</i></b>	<p>Safety provisions from recently approved candle safety standards were being implemented during the reporting period, including those from the following standards: ASTM F2417, F2601, and F2326, which are summarized below. A revised ASTM <i>Standard Specification for Fire Safety for Candles</i> (ASTM F2417-09) was approved on 6/1/09. Revisions included new flammability requirements for tealight cups and an expanded, more detailed appendix on gel-containing candles. A revised ASTM <i>Standard Specification for Fire Safety for Candle Accessories</i> (ASTM F2601-09) was approved on 6/1/09. Revisions included new flammability requirements for candle holders and accessories, and clarification of some test procedures. The ASTM <i>Standard Test Method for Collection and Analysis of Visible Emissions from Candles as They Burn</i> (F2326-04 (2009)) was reaffirmed on 8/1/09.</p> <p>During the reporting period, an additional test program was initiated to evaluate plastic tealight cup flammability, expand the product scope to include other plastic candle containers, and validate existing test requirements. Additional provisions for expanding the scope and requirements of the candle accessory standard were being considered at the close of the reporting period. A formal review of the ASTM <i>Standard Guide for Terminology Relating to Candles and Associated Accessory Items</i> (ASTM F1972) was initiated.</p>
<b><i>Next Action</i></b>	Monitor and participate in the ASTM subcommittee standards development activities, including developing changes and additions to the standards, which will be presented and discussed at the next meeting.
<b><i>Product</i></b>	<b>Chairs, High</b>
<b><i>Staff Contact</i></b>	Edwards, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for High Chairs</i> (ASTM F404) to strengthen its safety provisions dealing with entrapment and falls.
<b><i>Activities</i></b>	A revised ASTM <i>Standard Consumer Safety Specification for High Chairs</i> (ASTM F404-10) was approved on 5/15/10. CPSC staff participated in subcommittee meetings on 10/16/09 and 3/17/10. Revisions to the standard involved clarifications for test requirements, including restraint system tests and tray release tests, plus a requirement to prevent arm entrapment.
<b><i>Next Action</i></b>	Staff will continue to provide technical assistance to the subcommittee and participate in an ASTM subcommittee meeting on 11/10/10.

**Product**                   **Chairs, Youth (Folding)**

**Staff Contact**           Edwards, Patty

**Purpose**                    To revise the ASTM *Standard Consumer Safety Specification for Children's Folding Chairs* (ASTM F2613-07) to reduce the hazards associated with these products.

**Activities**               CPSC staff participated in subcommittee meetings on 10/12/09 and 3/19/10. The subcommittee reviewed ballot results pertaining to static load tests. A task group presented a report on the stability requirement and test method based on the European EN 71 toy standard in its section on seating surfaces for children.

**Next Action**           Staff will participate in the subcommittee meeting on 11/10/10 and will continue to provide technical assistance to the subcommittee.

**Product**                   **Changing Tables**

**Staff Contact**           Edwards, Patty

**Purpose**                    To revise the ASTM *Standard Consumer Product Safety Specification for Baby Changing Tables for Domestic Use* (ASTM F2388) to strengthen its safety provisions.

**Activities**               Staff participated in subcommittee meetings on 10/14/09 and 3/18/10. The subcommittee discussed and refined the requirements for warning labels and discussed a crib accessory that spans the top of the crib rails. A task group was formed to address the potential for entrapment.

**Next Action**           Staff will participate in the subcommittee meeting on 11/8/10 and will evaluate any proposals to address the potential for entrapment in accessory products.

**Product**                   **Child Resistant Packaging (CRP)**

**Staff Contact**           Rea, Gregory

**Purpose**                    To monitor activities of the ASTM Subcommittee D10.32 Consumer, Pharmaceutical, Child Resistant and Medical Packaging and provide updates on any applicable CPSC regulatory activities.

**Activities**               A proposal to revise the ASTM *Standard Classification of Child-Resistant Packages* (ASTM D3475-09) with additional package examples was made during this reporting period. The amendments will be voted on at the 10/11/10 subcommittee meeting. No packages requiring a new or revised classification in the ASTM D3475 *Standard Classification of Child-Resistant Packages* were submitted during the reporting period.

**Next Action**           Staff will attend the ASTM D10.32 meetings on 10/11/10 and 3/29/11 and the ASTM D10 Committee meetings and symposia on 10/11-13/10 and 4/11-15/11.

**Product**                   **CO Alarms**

<b><i>Staff Contact</i></b>	Switzer, Don
<b><i>Purpose</i></b>	To improve the safety of carbon monoxide (CO) alarms and revise the UL <i>Standard for Safety, Single and Multiple Station Carbon Monoxide Alarms</i> (UL 2034), as appropriate.
<b><i>Activities</i></b>	<p>A proposal was assigned to the task group handling improvements to the battery performance requirements in the standard. The proposal covered three areas: (1) to improve the time that a backup battery in a hardwired alarm would power the unit in the alarm mode; (2) to require that the backup battery be permanently installed; and (3) to consider the possibility that all batteries will be permanently installed, to address the hazard posed by consumers removing the batteries for other uses, thereby rendering the battery-powered alarm nonfunctional. The task group identified areas of the standard requiring modification; identified and started addressing technological challenges when using lithium ion batteries as backups; and discussed the merits of a permanently installed backup battery and primary battery versus using replaceable batteries. Consensus appeared to be with using the backup battery as a permanently installed battery. However, it may not be possible to permanently install a battery as the primary power source because of the higher power demands of CO sensors as opposed to smoke alarms.</p> <p>Staff supported the goal of improved battery performance, but also recognized the need to ensure that small rechargeable batteries that might be required are adequate for the application. Further, if a permanent primary battery is required, it is uncertain that the batteries will be able to provide sufficient power for the CO sensor.</p>
<b><i>Next Action</i></b>	The next action for the group is to identify specific provisions in the existing standard that should be revised to improve consumer safety.

<b><i>Product</i></b>	<b>Cribs (Commercial)</b>
<b><i>Staff Contact</i></b>	Edwards, 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>	<p>CPSC staff participated in subcommittee meetings on 10/14/09, 3/17/10, and 8/26/10. The subcommittee proposed an exemption to the requirement that would allow all commercial cribs to be designed to meet evacuation requirements. This was sent to the ASTM F15.57 Subcommittee for ballot on 4/30/09, and the ballot results were reviewed at the 10/14/09 subcommittee meeting. At the meeting it was agreed to include the requirement in the standard. During the 10/09 meeting, the chairman of the Task Group on Wood Screws reported that no data had been provided by the task group members; therefore, there was nothing to report at that time.</p> <p>In 8/10, a ballot addressing the development of requirements for evacuation cribs (cribs that would be used in a daycare environment and would facilitate evacuation of several children in the event of an emergency) garnered a persuasive, negative vote on the specification of the color of the warning label. Hence, the wording will revert to contrasting colors without a requirement that the label be red. The subcommittee also discussed how to address requirements for products that convert to evacuation cribs by the use of a cart that affixes to the bottom of a regular crib.</p>
<b><i>Next Action</i></b>	Staff will continue to provide technical assistance to the subcommittee and participate in the ASTM subcommittee meeting on 11/9/10.

<b><i>Product</i></b>	<b>Cribs (Full-Size)</b>
<b><i>Staff Contact</i></b>	Edwards, Patty
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Specification for Full-Size Cribs</i> (ASTM F1169) to reduce the hazards associated with these products.
<b><i>Activities</i></b>	The ASTM <i>Standard Consumer Safety Specification for Full-Size Cribs</i> (ASTM F1169-10) was approved on 6/1/10. In order to complete new CPSC rules for full-size and non-full-size cribs by the end of 2010, the ASTM subcommittees stepped up their efforts to provide revised ASTM standards that could be incorporated by reference into the CPSC mandatory rules. CPSC staff participated in regularly scheduled full-size crib subcommittee meetings on 10/14/09 and 3/15/10. In addition, the subcommittee held a special meeting at the CPSC on 1/19-20/10. Further, a conference call was held on 2/10/10 to discuss the items that needed to be balloted. The subcommittee produced numerous proposals addressing factors identified by CPSC staff as candidates for improvement; the subcommittee balloted those items for discussion at the 3/15/10 meeting, which produced many editorial changes to refine the intent of the new proposals. The subcommittee also heard a report from the chair of a new standard subcommittee developing rules for crib mattresses.
<b><i>Next Action</i></b>	Staff will continue to provide technical assistance to the subcommittee, keep the subcommittee informed of the progress of the proposed rule, participate in task group activities, and attend a subcommittee meeting on 11/8/10. Staff will continue evaluating proposals to address the hazards presented by crib hardware failures, slat breakage, accessory entrapment, general requirements, mattress support failures, improper assembly, climbing out, and harmonization of the standard with federal regulations.

<b>Product</b>	<b>Cribs (Non-Full-Size) and Play Yards</b>
<b>Staff Contact</b>	Edwards, Patty
<b>Purpose</b>	To revise the ASTM <i>Standard Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards</i> (ASTM F406) to reduce the hazards associated with these products.
<b>Activities</b>	<p>A revised ASTM <i>Standard Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards</i> (ASTM F406-10) was approved on 6/1/10. In order to complete new CPSC rules for full-size and non-full-size cribs by the end of 2010, the ASTM subcommittees stepped up their efforts to provide revised ASTM standards that could be incorporated by reference into the CPSC mandatory rules. CPSC staff participated in ASTM subcommittee meetings on 10/15/09, 3/16/10, and 8/26/10.</p> <p>The subcommittee balloted and approved new provisions relating to non-full-size cribs that address: cribs for commercial use, improper assembly, non-drop side hardware, and slat integrity. The subcommittee also was shown an inflatable play yard and decided to consider how such a product could be included in a standard. The subcommittee discussed negatives on the latest ballot addressing testing requirements. The subcommittee assigned a task group to address slat testing on cribs with folding sides. Another negative ballot vote objecting to language that allows screws or bolts to be used to disassemble a crib was found non-persuasive. The subcommittee also reviewed the recent recall of a crib tent. Under new business, the subcommittee discussed concerns that the test mattresses for all shapes of cribs may be difficult to procure.</p> <p>CPSC staff monitored and participated in the meetings listed above and announced the anticipated schedule for an NPR related to play yards that will be developed under section 104 of the CPSIA. A list of hazards specific to play yards was presented by staff at the 8/26/10 meeting. During this meeting a task group was formed to develop new performance requirements and test procedures for inclusion in a version of the standard to be published prior to the August 2011 NPR.</p>
<b>Next Action</b>	CPSC staff will continue to provide technical assistance to the subcommittee, participate in task group activities, and participate in the subcommittee meetings on 11/8/10 and 4/11/11. Staff will continue evaluating proposals to address the non-full-size crib and play yard hazards presented by hardware failures, slat breakage, accessory entrapment, improper assembly, and harmonization of the standard with federal regulations. Staff will also participate in the play yard task group to ensure the play yard-specific hazards will be addressed.

<b><i>Product</i></b>	<b>Drywall</b>
<b><i>Staff Contact</i></b>	Khanna, Rik
<b><i>Purpose</i></b>	To develop a new ASTM <i>Standard Practice for Screening of Buildings Containing Gypsum Board for Sulfur Corrosion</i> (ASTM WK26072) to help inspectors identify corrosion associated with emissions from problem drywall and establish new requirements for elemental sulfur to conform to appropriate gypsum standards.
<b><i>Activities</i></b>	CPSC staff reviewed Draft 4 of the proposed ASTM standard. The draft standard relies on visual and olfactory evidence. Staff participated in the subcommittee conference call in 3/10 to provide comments. Participant suggestions were used to complete Draft 5. The final draft was submitted for the ballot process at the end of the reporting period. In addition, CPSC staff reviewed and provided comments to the UL <i>Proposed First Edition of the Standard for Sustainability for Gypsum, ULE 100</i> , in 8/10.
<b><i>Next Action</i></b>	Participate in work group activities and review ballot results once they are available.
<b><i>Product</i></b>	<b>Fuel Tanks (Leakage)</b>
<b><i>Staff Contact</i></b>	Murphy, John
<b><i>Purpose</i></b>	To revise the ANSI/Outdoor Power Equipment Industry (OPEI) <i>Standard for Small Off-Road Ground-Supported Outdoor Power Equipment Gasoline Fuel Systems Performance Specifications and Test Procedures</i> (ANSI/OPEI B71.10-2008), as appropriate.
<b><i>Activities</i></b>	This standard addresses fire hazards arising from fuel leakage from fuel tanks and fuel lines associated with gasoline-driven outdoor power equipment with displacements under 1 liter, such as walk-behind lawn mowers, ride-on mowers, and rototillers. A CPSC staff representative maintains a nonvoting membership on the ANSI canvas list, which reviews draft safety standards for these products. There was no activity during the reporting period.
<b><i>Next Action</i></b>	Staff plans to provide comments on any proposed revision of the standard.

**Product** **Garage Door/Gate Operators**

**Staff Contact** Murphy, John

**Purpose** To revise the UL *Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems* (UL 325) to reduce hazards associated with entrapment under residential garage door operators, which can result in death.

**Activities** A revised UL *Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems* (UL 325) was approved on 12/25/09. The revised standard includes new safety requirements addressing secondary inherent entrapment, provides new requirements for remote activation of garage door operators, and includes additional instructions for inclusion in user manuals. UL circulated for comment a preliminary review addressing requirements for safety edges. The comment period closed on 9/27/10.

**Next Action** Continue participation on and provide technical support to the UL Standards Technical Panel STP 325 as it considers future proposals for improvement of the UL 325 standard.

**Product** **Gasoline Containers**

**Staff Contact** Murphy, John

**Purpose** To revise the ASTM *Standard Specification for Determination of Child-Resistance of Portable Fuel Containers for Consumer Use* (ASTM F2517-09), the ASTM *Standard Specification for Portable Gasoline Containers for Consumer Use* (F852-08), and the ASTM *Standard Specification for Spill-Resistant Fueling Systems for Portable Fuel Containers for Consumer Use* (ASTM F2234-08) to significantly reduce or eliminate fire and poisoning hazards associated with these products.

**Activities** The ASTM 15.10 Flammable Liquid Containers Subcommittee met at the CPSC on 3/31/10. The meeting included presentations by representatives of the Worcester Polytechnic Institute (WPI), Department of Fire Protection Engineering. The ASTM F15.10 Subcommittee had contracted with the WPI to study the propensity of gasoline within a gas container to ignite. The results of this study will be used to determine whether the ASTM F852 standard needs additional requirements to add flame arrestors to gasoline containers.

**Next Action** Review the WPI study results, participate in ASTM 15.10 discussions on 12/2/10 on flame arrestors, among other things, and continue to provide technical support to the ASTM F15.10 Subcommittee.



<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 revised UL <i>Standard for Portable Engine Generator Assemblies</i> (UL 2201) to reduce carbon monoxide (CO) deaths associated with portable generators.
<b><i>Activities</i></b>	A new UL <i>Standard for Portable Engine Generator Assemblies</i> (UL 2201) was published on 3/4/09. The standard included requirements for ground-fault circuit-interrupters on 125 volt circuits, receptacle protection from weather, and complete generator assembly protection to pass rain and sprinkler tests. Since the UL 2201 standard did not achieve consensus as an ANSI standard, UL hosted a Standards Technical Panel (STP) meeting on 3/2-3/10 to resolve outstanding issues. The goal was to achieve consensus and obtain ANSI approval of the UL 2201 standard as an ANSI American National Standard. CPSC staff participated and pointed out that the standard still did not have requirements that directly addressed the CO poisoning hazard. This hazard causes, by far, the most deaths associated with this product. Staff reminded the STP that the CPSC published an Advance Notice of Proposed Rulemaking (ANPR) directing CPSC staff to investigate means to reduce the CO poisoning hazard associated with portable generators. It was reported to the STP that CPSC staff has made considerable progress in developing and testing low CO emission prototype generators, and the preliminary test results were promising.
<b><i>Next Action</i></b>	In view of the continuing lack of progress in the voluntary standard development effort to address the major hazard of carbon monoxide poisoning, the staff continues to focus its efforts on monitoring the ongoing CPSC-funded research and on preparing supporting information for a CPSC staff draft proposed rule. The staff will continue to participate on the UL 2201 Standards Technical Panel and will continue to strongly advocate that the standard address the CO poisoning hazard.
<b><i>Product</i></b>	<b>Heaters (Cabinet/Cylinder)</b>
<b><i>Staff Contact</i></b>	Khanna, Rik
<b><i>Purpose</i></b>	To provide technical support to the voluntary standard development and code activities to reduce the fire hazard associated with cabinet heaters and cylinders.
<b><i>Activities</i></b>	The ANSI/Z21 Technical Advisory Group (TAG) on Standards for Gas-Fired Unvented Heating Appliances reviewed possible revisions to the proposed ANSI <i>American National Standard for Propane-Fired Portable Heater Systems, Volume III Unvented Room Heaters for Outdoor Use and Indoor Use During Emergencies</i> . Revisions discussed included: requirements for construction, performance, and manufacturing, and production tests.
<b><i>Next Action</i></b>	CPSC staff will continue to provide technical support to voluntary standards activities of the ANSI/Z21 TAG.

**Product**                    **Heaters (Electric)**

**Staff Contact**            Gill, Mark

**Purpose**                    To revise the UL standards for electric heaters to reduce the risk of fire, including the UL *Standard for Electric Baseboard Heating Equipment* (UL 1042), the UL *Standard for Movable and Wall- or Ceiling-Hung Electric Room Heaters* (UL 1278), and the UL *Standard for Fixed and Location-Dedicated Electric Room Heaters* (UL 2021).

**Activities**                A revised UL *Standard for Fixed and Location-Dedicated Electric Room Heaters* (UL 2021) was approved in 3/10. The revision added a requirement to use manual reset temperature limiting controls for most residential electric heaters. In addition, the revision included the use of audible alarms for heaters using auto reset temperature limiting controls.

**Next Action**             CPSC staff will continue to provide technical support to the development of revised heater standards providing greater safety to consumers.

**Product**                    **Helmets (Recreational)**

**Staff Contact**            Hall, Ian

**Purpose**                    To revise the ASTM safety standards and test methods for recreational helmets to improve safety.

**Activities**                During the reporting period, the ASTM *Standard Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear* (ASTM F1446-08) was being updated concerning the test procedures for roll-off and strap elongation, in addition to labeling changes. Various recreational helmet standards were up for revision or reaffirmation.

**Next Action**             CPSC staff will monitor the development of updates to the ASTM F1446 headgear test method standard. In addition, staff will participate in the next ASTM subcommittee meeting on 11/17/10 and will continue to provide technical support for updating the ASTM F1446-08 standard. Further, staff will monitor the development of a visor standard for equestrian headgear that may become applicable to bike helmet visors.

**Product** **Inclined Sleep Products (Infant Hammocks)**

**Staff Contact** Edwards, Patty

**Purpose** To develop a new ASTM safety standard and test methods for products intended to provide inclined sleeping surfaces for infants.

**Activities** Staff attended the first meeting of the subcommittee for inclined sleep products on 8/25/10. The subcommittee held conference calls prior to the first meeting. Although originally formed to address infant hammocks, the subcommittee expanded the scope of the standard to include any infant product with an inclined sleeping surface. A draft standard was discussed at the meeting. Topics of discussion included scope, rest angle measurement, restraints, and warnings.

**Next Action** CPSC staff will monitor the development of this draft standard and participate in an ASTM subcommittee meeting to be held on 11/9/10.

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

**Staff Contact** Edwards, Patty

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

**Activities** Staff participated in subcommittee meetings on 10/14/09 and 3/18/10. Topics of discussion included a pull test for bumper pad ties, the parameters of bumper pad safety, and methods to ensure that bumper pads can be affixed to cribs.

**Next Action** Staff will continue to provide technical assistance and incident data to the subcommittee and participate in a subcommittee meeting on 11/8/10.

**Product** **Infant Bouncers**

**Staff Contact** Edwards, Patty

**Purpose** To revise the ASTM *Standard Consumer Safety Specification for Infant Bouncer Seats* (ASTM F2167) to strengthen its safety provisions.

**Activities** A revision of the ASTM *Standard Consumer Safety Specification for Infant Bouncer Seats* (ASTM F2167-10) was approved on 4/1/10. CPSC staff participated in a 3/18/10 ASTM subcommittee meeting. Staff provided the ASTM subcommittee with incident data on falls from elevated surfaces. Data pertaining to rocker seats also was provided. Toy bar attachment performance requirements were under development; and a ballot clarifying “conspicuous” for warning labels was upheld by the subcommittee.

**Next Action** Participate in ASTM subcommittee meeting on 11/11/10.

**Product** **Infant Carriers (Frame)**

**Staff Contact** Edwards, Patty

**Purpose** To assist in revisions to the ASTM *Standard Consumer Safety Specification for Frame Child Carriers* (ASTM F2549) to minimize the risk of injuries to occupants of infant frame carriers.

**Activities** The ASTM subcommittee maintaining and revising this standard was inactive during the reporting period.

**Next Action** Staff will participate in ASTM subcommittee meetings, when scheduled.

**Product** **Infant Carriers (Hand-Held)**

**Staff Contact** Edwards, Patty

**Purpose** To revise the ASTM *Standard Consumer Safety Performance Specification for Hand-Held Infant Carriers* (ASTM F2050) to minimize the risk of injuries to occupants.

**Activities** A revised ASTM *Standard Consumer Safety Performance Specification for Hand-Held Infant Carriers* (ASTM F2050-09) was approved on 12/15/09. The revision added a requirement that the handle must have an automatic lock and also added a revised openings requirement. CPSC staff participated in subcommittee meetings on 10/15/09 and 3/18/10. Topics discussed included the handle auto lock test and the lifting test fixture. Also at the 3/18/09 meeting, the task group reviewed the results of dynamic tests conducted by CPSC staff.

**Next Action** The task group analyzing dynamic test results will continue to strengthen safety requirements for handle locks. Staff will continue to provide technical assistance to the subcommittee, participate on task groups, and attend subcommittee meetings in 11/10. Staff will evaluate any proposals to address the fall hazards caused by breaking handles or handle locks.

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

**Staff Contact** Edwards, Patty

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

**Activities** The ASTM subcommittee maintaining and revising this standard was inactive during the reporting period.

**Next Action** The CPSC staff will participate in the next subcommittee meeting on 11/12/10.

**Product**                    **Infant Gates**

**Staff Contact**            Edwards, Patty

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

**Activities**                A revision of the ASTM *Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures* (ASTM F1004-10) was approved on 5/15/10. CPSC staff participated in ASTM subcommittee meetings on 10/16/09 and 3/19/10. Topics discussed included injuries to adults stepping over gates, life cycle testing, slat strength, hinge breakage, and the location of corner tests.

**Next Action**             Staff will continue to provide technical assistance to the subcommittee and participate in the subcommittee meeting on 11/12/10.

**Product**                    **Infant Slings**

**Staff Contact**            Edwards, Patty

**Purpose**                    To develop a new ASTM *Standard Consumer Safety Specification for Infant Slings* to address suffocation and fall hazards associated with sling carriers.

**Activities**                CPSC staff participated in ASTM subcommittee meetings on 10/16/09, 3/16/10, and 8/27/10. Staff sent a letter to ASTM urging the development of a safety standard for slings. The subcommittee reviewed proposed sections of a draft standard and discussed the proper use of slings regarding a recently released CPSC safety alert addressing slings. The subcommittee heard task group proposals on suffocation hazards, general requirements, terminology, performance requirements, test methods, labels, and warnings. Concerns about static and dynamic load testing and how to create a meaningful test procedure were discussed.

**Next Action**             Outstanding items will be discussed on a conference call to prepare items for ballot before the next meeting. Staff will continue to provide technical assistance to the subcommittee and participate in an ASTM subcommittee meeting 11/12/10. Staff will continue to evaluate proposals to mitigate falls, suffocation risks, and misuses of slings.

<b>Product</b>	<b>Infant Swings</b>
<b>Staff Contact</b>	Edwards, Patty
<b>Purpose</b>	To revise the ASTM <i>Standard Consumer Safety Specification for Infant Swings</i> (ASTM F2088) to strengthen its safety provisions.
<b>Activities</b>	<p>A revised ASTM <i>Standard Consumer Safety Specification for Infant Swings</i> (ASTM F2088) was approved on 11/1/09. The revision addressed an exemption for warning labels required on swings with mobiles.</p> <p>Staff attended ASTM subcommittee meetings on 10/13/09, 3/19/10, and 8/25/10. A task group was appointed to review injury incidents. The task group reported on the results of that review on 3/19/10 and four areas of the standard were discussed based on the most recent incident data: mobile toy attachments, shoulder restraints, structural integrity, and warnings about positioning and travel swings. A task group was formed to create a proposal for discussion for a ballot before the next meeting.</p>
<b>Next Action</b>	Staff will continue to provide technical assistance to the subcommittee and participate in an ASTM subcommittee meeting on 11/12/10.

<b>Product</b>	<b>Infant Tubs</b>
<b>Staff Contact</b>	Edwards, Patty
<b>Purpose</b>	To develop a revised ASTM <i>Consumer Safety Specification for Infant Bath Tubs</i> (ASTM F2670) safety standard to address the drowning hazard associated with infant tubs.
<b>Activities</b>	A revised ASTM <i>Consumer Safety Specification for Infant Bath Tubs</i> (ASTM F2670) was approved on 3/15/10. Staff participated in subcommittee meetings on 10/13/09 and 3/18/10. Refinements were made to warning label requirements, test methods, and the definition of a smooth surface. The subcommittee also considered the height of warning fonts and the EU directive to develop bathing aid requirements.
<b>Next Action</b>	Staff will continue to provide technical assistance to the subcommittee and participate in a subcommittee meeting on 11/10/10.

**Product**                    **Infant Walkers**

**Staff Contact**            Edwards, Patty

**Purpose**                    To revise the ASTM *Standard Consumer Safety Performance Specification for Infant Walkers* (ASTM F977) to strengthen its safety provisions.

**Activities**                A revised ASTM *Standard Consumer Safety Performance Specification for Infant Walkers* (ASTM F977-09) was approved on 11/1/09. It contained refinements to the general safety requirements and the stair fall test. Staff participated in subcommittee meetings on 10/13/09 and 3/18/10. In addition, CPSC staff reviewed several changes included in CPSC's mandatory standard which was published on 6/21/10. These changes included the removal of the 30 degree incline test and weighing the test dummy with the vest for the walker distance calculation.

**Next Action**             Staff will continue to provide technical assistance to the subcommittee and participate in the subcommittee meeting on 11/10/10. Staff will evaluate concerns about test method validity expressed by the subcommittee members.

**Product**                    **Ladders**

**Staff Contact**            Caton, Tom

**Purpose**                    To provide technical support to the ANSI A14 Subcommittee for Ladder Safety and Ladder Standards. The standards within this subcommittee's scope of responsibility include: *Wood Ladders* (ANSI A14.1); *Portable Metal Ladders* (ANSI A14.2); *Job Made Wooden Ladders* (ANSI A14.4); *Portable Plastic Reinforced Ladders* (ANSI A14.5); *Portable Special Duty Ladders* (ANSI A14.10); *Mobile Ladder Stands and Mobile Ladder Stand Platforms* (ANSI A14.7); and *Safety Requirements for Disappearing Attic Stairways* (ANSI-ASC A14.9).

**Activities**                A proposed revision of the ANSI *Safety Requirements for Disappearing Attic Stairways* (ANSI-ASC A14.9-2010) standard was approved. The revised standard included: (1) a revised title for the standard: "Ceiling Mounted Disappearing Climbing Systems"; (2) requirements for lumber grades in construction of wooden ladders; (3) revised engineering calculations for lumber grades and sizes; (4) editorial changes to simplify and clarify language; and (5) revised figures to include dimensional detail. A group of committee members is investigating the reinstatement of a section of Data Gathering Forms that once existed in the 1990 version of the A14 ladder standard.

**Next Action**             CPSC staff will monitor the ANSI subcommittee activities and will provide appropriate technical support at the 10/20/10 committee meeting.

**Product**                   **Lighters, Cigarette**

**Staff Contact**           Khanna, Rik

**Purpose**                    To provide technical support to the maintenance and revision of the ASTM *Standard Consumer Safety Specification for Lighters* (ASTM F400) and the ASTM *Standard Consumer Safety Specification for Utility Lighters* (ASTM F2201-02<sup>e</sup>1) to improve product safety.

**Activities**                A revision of the ASTM *Standard Consumer Safety Specification for Lighters* (ASTM F400-10) and a revision of the ASTM *Standard Consumer Safety Specification for Utility Lighters* (ASTM F2201-10) were approved on 5/1/10. CPSC staff discussed changes to the lighter standards to clarify safety provisions and to have uniform wording for all lighter standards.

**Next Action**             CPSC staff will provide comments on proposed standards revisions when the drafts are available.

**Product**                   **Mattresses**

**Staff Contact**            Tenney, Allyson

**Purpose**                    To assist in the development of an International Organization for Standardization (ISO) standard for mattress flammability based on the test method specified in the CPSC's *Standard for the Flammability (Open-Flame) of Mattress Sets* (16 CFR Part 1633).

**Activities**                Development of the standard was approved as an ISO New Work Item Proposal (NWIP) in 10/08. A Working Draft (WD) was issued for comment; and comments were discussed at a 6/09 meeting. A revised WD was balloted for three months, with a closing date of 10/18/09. Comments were discussed at a 10/09 meeting. A revised Draft International Standard (DIS) was balloted with a closing date of 7/26/10.

**Next Action**             Comments received from the DIS ballot will be discussed at an 11/10 meeting and addressed in the draft standard, as appropriate. A revised draft is expected to be balloted as a Final Draft International Standard (FDIS) in 2011.



<b><i>Product</i></b>	<b>Mowers</b>
<b><i>Staff Contact</i></b>	Murphy, John
<b><i>Purpose</i></b>	To provide technical support to the maintenance and revision of the ANSI <i>Standard for Consumer Turf Care Equipment—Walk-Behind Mowers and Ride-On Machines with Mowers—Safety Specifications</i> (ANSI/OPEI B71.1-2003) to reduce consumer injuries.
<b><i>Activities</i></b>	Hazards associated with mowers include the mower backing up or running over a person, resulting in laceration injuries from blade contact. An additional hazard occurs when a mower rolls over on the user, creating crushing injuries. CPSC staff maintained a non-voting membership on the ANSI canvas list of those who review proposed changes to the standard. There was no activity during the reporting period.
<b><i>Next Action</i></b>	Staff will provide comments, as appropriate, on proposed revisions to the standard.
<b><i>Product</i></b>	<b>National Electrical Code</b>
<b><i>Staff Contact</i></b>	Lee, Doug
<b><i>Purpose</i></b>	To revise the safety provisions of the National Fire Protection Association’s (NFPA) <i>National Electrical Code</i> (NEC), NFPA 70, to reduce electrical fires and shock incidents associated with consumer products, including appliances, electrical equipment, and wiring products.
<b><i>Activities</i></b>	CPSC staff participated in the NFPA’s code making meeting in 12/09 for NEC Panel 2 (branch circuits and feeders); Panel 17 (appliances and swimming pools); and the annual meeting in 6/10 to ratify the NEC. CPSC staff proposal to remove the exception for appliances not easily moved on ground-fault circuit interrupter protected branch circuits for manufactured housing was upheld unanimously at the comment stage. CPSC staff proposal to extend dwelling unit requirements for arc-fault circuit interrupter protection to manufactured housing was accepted unanimously at the proposal stage. CPSC staff also participated in conference calls on 9/2/10 involving the Fire Protection Research Foundation’s project on Non-Linear Loads. This research project supports proposals and requirements of the NEC.
<b><i>Next Action</i></b>	Participate in conference call on 10/07/10 for the Non-Linear Loads project and other activities in support of the NEC. Draft proposals for the 2014 NEC that would improve consumer safety and reduce incidents with electrical products in and around the home.

<b>Product</b>	<b>Off-Road Vehicles (ROVs and ATVs)</b>
<b>Staff Contact</b>	Paul, Caroleene
<b>Purpose</b>	To develop a new ANSI/Recreational Off-Highway Vehicle Association (ROHVA) safety standard for the equipment, configuration, and performance requirements of recreational off-highway vehicles (ROVs). To develop a new ANSI/Outdoor Power Equipment Institute (OPEI) safety standard for multipurpose, off-highway utility vehicles (MOHUVs).
<b>Activities</b>	<p>A new ANSI/ROHVA 1-200X standard was approved by ANSI on 3/5/10. Prior to the final approval of the standard, CPSC staff advised ROHVA that the draft requirements did not address adequately lateral stability, vehicle handling, or occupant retention and protection. Shortly after the approval of the standard on 3/5/10, ROHVA announced on 3/9/2010 that it initiated the ANSI process for revising the ANSI/ROHVA 1-200X standard.</p> <p>CPSC staff met with members of the ANSI/OPEI B71.9 Utility Vehicles Committee on 3/4/10 to discuss the committee's development of a voluntary standard for multipurpose, off-highway utility vehicles (MOHUVs). Discussions included: static stability, tilt table tests, and vehicle handling characteristics. A CPSC staff representative is providing technical support to the development of the draft OPEI B7.9-200X safety standard for MOHUVs.</p> <p>CPSC staff conducted extensive static and dynamic testing to evaluate the lateral stability and vehicle handling characteristics of the vehicles that make up the ROV market. CPSC staff also performed pilot studies on sled test methods to evaluate occupant protection performance of ROVs. The analysis of the test results will be used to work with ROHVA and OPEI to develop requirements in the areas of lateral stability, vehicle handling, and occupant protection.</p> <p>ROHVA met with the Commission in 7/10 to share their concerns with test methods being pursued by CPSC staff in evaluating ROV performance. ROHVA requested a meeting with CPSC staff on 9/2/10 to share their progress in developing their standard. At ROHVA's request, the meeting was postponed to 10/7/10.</p>
<b>Next Action</b>	CPSC staff will meet with ROHVA on 10/7/10 to discuss their progress in developing their standard to address CPSC staff concerns. CPSC staff will also meet with OPEI on 11/2/10 to discuss their progress in developing their standard.

<b><i>Product</i></b>	<b>Phthalates</b>
<b><i>Staff Contact</i></b>	Dreyfus, Matt
<b><i>Purpose</i></b>	To develop a new ASTM <i>Standard Test Method for Determination of Low Levels of Phthalates in Poly (Vinyl Chloride) Products</i> (ASTM WK25759) to validate the current CPSC staff phthalate test method and integrate alternative approaches that can lead to a universally accepted methodology.
<b><i>Activities</i></b>	CPSC staff participated in a preliminary round robin test to identify testing parameters that should be used for the ASTM method. Identified and unidentified test samples were analyzed using different test methods. As of 9/30/10, none of the methods used by the various participants statistically were favorable to the others.
<b><i>Next Action</i></b>	Continue to test samples to support the work group and finalize method parameters. Participate in the 11/10 ASTM D20 meeting to begin finalizing aspects of the methodology.
<b><i>Product</i></b>	<b>Playground Equipment (Children &lt;2 Years)</b>
<b><i>Staff Contact</i></b>	Nesteruk, Hope
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 Months to 23 Months</i> (ASTM F2373) to reduce injuries. Such equipment often is found in child care facilities.
<b><i>Activities</i></b>	CPSC staff monitored activities of the ASTM Subcommittee F15.44 on Play Equipment for Children Under Two. CPSC staff attended the 5/10 meeting of the subcommittee to observe discussions regarding creation of a second standard for indoor equipment. The group decided to collect data to determine if a second standard was needed.
<b><i>Next Action</i></b>	Continue to monitor the subcommittee's work. Participate in the next subcommittee meeting.
<b><i>Product</i></b>	<b>Playground Equipment (Home)</b>
<b><i>Staff Contact</i></b>	Nesteruk, Hope
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Performance Specification for Home Playground Equipment</i> (ASTM F1148) to strengthen its safety provisions.
<b><i>Activities</i></b>	CPSC staff participated in the 5/10 meeting of the ASTM F15.09 Subcommittee on Home Playground Equipment. Issues discussed at the meeting included ballot results and a continued discussion on warning labels.
<b><i>Next Action</i></b>	Participate in ASTM subcommittee meeting in 10/10.

<b><i>Product</i></b>	<b>Playground Equipment (Public)</b>
<b><i>Staff Contact</i></b>	Nesteruk, Hope
<b><i>Purpose</i></b>	To revise the ASTM <i>Standard Consumer Safety Performance Specification for Public Playground Equipment</i> (ASTM F1487) to strengthen its safety provisions.
<b><i>Activities</i></b>	At a 5/10 subcommittee meeting, CPSC staff met with the subcommittee to further discuss differences between ASTM standards and CPSC staff's <i>Public Playground Safety Handbook</i> . These differences were discussed thoroughly. CPSC staff responded to questions that required further clarification. A CPSC staff confirming letter was finalized and sent to the subcommittee chair on 5/26/10.-CPSC staff also participated in the signage working group to discuss the development of a warning sign for playgrounds, which will alert parents to the hazards of falls, strangulations, and burns.
<b><i>Next Action</i></b>	Participate in the ASTM subcommittee meeting in 10/10.
<b><i>Product</i></b>	<b>Power Equipment (formerly 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 eliminate or reduce significantly deaths and injuries from power tools.
<b><i>Activities</i></b>	CPSC staff monitored voluntary standard activities relating to table saws during the reporting period. The staff recommended minor editorial and clarification revisions to the voluntary standard for table saws, <i>Stationary and Fixed Electric Tools Standard</i> . (UL 987). CPSC staff completed two draft reports, <i>Human Factors Evaluation of Technology Intended to Address Blade-Contact Injuries with Table Saws</i> and <i>Survey of Injuries Involving Stationary Saws–Table and Bench Saws 2007–2008</i> , which summarizes the results of a two-year special study on table saw injuries.
<b><i>Next Action</i></b>	CPSC staff will forward cleared copies of <i>Human Factors Evaluation of Technology Intended to Address Blade-Contact Injuries with Table Saws</i> and the <i>Survey of Injuries Involving Stationary Saws–Table and Bench Saws 2007–2008</i> to UL and Power Tool Institute (PTI) members.

**Product**                    **Ranges (Tipover)**

**Staff Contact**            Lee, Arthur

**Purpose**                    To revise the UL *Standard for Household Electric Ranges* (UL 858) to reduce tipover hazards to consumers involving free-standing ranges.

**Activities**                Staff completed testing to support task group activities on range tipovers, and the draft report was in the CPSC clearance process at the end of the reporting period.

**Next Action**            Post the CPSC staff draft report on the CPSC website for comments. Present findings from CPSC staff testing to the UL STP for comments.

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

**Staff Contact**            Amodeo, Vince

**Purpose**                    To provide technical assistance to the ASTM F15.58 Powered Scooters and Skateboards Subcommittee to reduce deaths and injuries associated with falls from motorized scooters.

**Activities**                CPSC staff continued to monitor incident data for motorized scooters to assess the adequacy of the current voluntary standard. During the reporting period, there was no subcommittee activity.

**Next Action**            To monitor ASTM F15.58 activity and provide technical support, as appropriate.

**Product**                    **Shopping Carts**

**Staff Contact**            White, Sharon

**Purpose**                    To revise the ASTM *Standard Consumer Safety Performance Specification for Shopping Carts* (ASTM F2372) to reduce injuries to children associated with falls from shopping carts.

**Activities**                CPSC staff, prior to the reporting period, was asked to review and comment on proposed revisions to a warning label for shopping carts. The proposed warning label revisions included adding language to prohibit the use of personal infant carriers on shopping carts and adding a Spanish language text on the warning label. Staff also was asked to review and comment on the inclusion of a prohibition on the use of personal infant carriers on shopping carts to be placed on a separate warning poster and/or in some type of safe-use bulletin made available within retail stores. The resulting material was provided to the subcommittee on 5/6/10, and was under review by the ASTM subcommittee during the reporting period. CPSC staff provided updated injury data to assist in the analysis of injuries.

**Next Action**            Submit staff comments regarding proposed changes to the warning label required in the standard, and continue to collect and analyze injury data.

**Product** **Smoke Alarms**

**Staff Contact** Lee, Arthur

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

**Activities** CPSC staff participated in two UL 217 task groups (nuisance alarms and markings) to address improvements to the standard for smoke alarms. On 9/20/10, staff participated in the Pre-Report on Proposals (ROP) meeting to address improvements and changes for the 2013 edition of NFPA 72 standard.

**Next Action** Participate in UL 217 task group activities by proposing changes to the UL 217 standard and thereby improve consumer safety. Participate in the 1/20/11 ROP meeting for NFPA 72 to improve the 2013 edition of the NFPA 72 standard.

**Product** **Soccer Goals**

**Staff Contact** Vince Amodeo

**Purpose** To reaffirm the ASTM *Standard Safety and Performance Specification for Soccer Goals* (ASTM 2056-09) and to provide technical assistance to the ASTM F15.43 Soccer Goal Safety Subcommittee which develops and maintains safety standards to reduce the hazard of soccer goals tipping over.

**Activities** The ASTM *Standard Safety and Performance Specification for Soccer Goals* (ASTM 2056-09) was reaffirmed on 9/1/09. CPSC staff continued to monitor incident data for soccer goals to assess the adequacy of the current voluntary safety standard.

**Next Action** Continue technical assistance to the ASTM F15.43 Subcommittee, as appropriate.

**Product** **Sprinklers**

**Staff Contact** Khanna, Rik

**Purpose** To provide technical support to the revision of National Fire Protection Association (NFPA) Residential Sprinkler Systems standards NFPA 13D and NFPA 13R.

**Activities** Staff monitored proposed revisions to the residential sprinkler systems standards. No actions or comments were proposed by staff during the reporting period. In addition, staff monitored the safety issues with anti-freeze systems in sprinkler systems.

**Next Action** Provide technical assistance in the revision of the two NFPA standards, as appropriate.

**Product**                    **Strollers**

**Staff Contact**            Edwards, Patty

**Purpose**                    To revise the ASTM *Standard Consumer Safety Specification for Carriages and Strollers* (ASTM F833) to strengthen the safety provisions.

**Activities**                A revised ASTM *Standard Consumer Safety Specification for Carriages and Strollers* (ASTM F833-10) was approved on 6/1/10. CPSC staff participated in subcommittee meetings on 10/15/09 and 3/17/10. Issues related to attachment points, rotating seats, and warning symbols were discussed at the meetings.

**Next Action**            CPSC staff will continue to provide technical assistance to the subcommittee and participate in a subcommittee meeting on 11/10/10.

**Product**                    **Swimming Pools and Spas**

**Staff Contact**            Eilbert, Mark

**Purpose**                    To provide technical support to the revision of the American National Standards Institute (ANSI)/American Society of Mechanical Engineers (ASME) standard for swimming pool drain covers. The standard is titled, *Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs* (ANSI/ASME A112.19.8), and seeks to reduce swimming pool entrapment and entanglement deaths and injuries. The second purpose is to provide technical support for the development of new or revised Association of Pool and Spa Professionals (APSP) performance standards for swimming pool, spa, and hot tub construction to reduce swimming pool injuries and drowning.

**Activities**                ASME advised that they wished to transfer responsibility for the ANSI/ASME A112.19.8 pool drain cover standard but will continue to sponsor the existing standard until another sponsor assumes responsibility. The Association of Pool and Spa Professionals (APSP) advised that they and the International Association of Plumbing and Mechanical Officials (IAPMO) plan to work together to develop a successor standard, and they jointly will assume sponsorship. Proposed revisions to the successor standard include: adding definitions, clarifying language, and refining the test procedure to ensure consistent test results between certifying laboratories. Staff provided technical support to these efforts during the reporting period.

**Next Action**            Staff intends to continue to provide technical support to the development of a successor pool drain cover standard to the ANSI/ASME A112.19.8 standard.

**Product**                   **Toys**

**Staff Contact**           Amodeo, Vince

**Purpose**                    To revise the ASTM *Standard Consumer Safety Specification for Toy Safety* (ASTM F963) to strengthen its safety provisions.

**Activities**               Staff participated in an ASTM subcommittee meeting on 11/11/2009. In addition, staff participated in several working group teleconference meetings for projectile toys. ASTM toy safety working group activities included: discussions on projectile toys, batteries in toys, magnets in toys, plastic film, ride-on-toy stability, teethers, and crib toys.

**Next Action**            Participate in working group activities and the ASTM subcommittee meeting on 11/3/10.

**Product**                   **Treestands**

**Staff Contact**           Lee, Arthur

**Purpose**                    To provide technical support for the development of new, revised, and reaffirmed standards for hunting treestands and associated equipment to reduce hazards to consumers.

**Activities**               Three standards activities were completed during the reporting period. First, the ANSI/ASTM *Practice for Testing Treestand Load Capacity* (ANSI/ASTM F2129-2006(R2010)) was reaffirmed on 6/22/10. Second, the ANSI/ASTM *Test Method for Treestand Load Capacity* (ANSI/ASTM F2129-2006 (R2010)) was reaffirmed on 6/22/10. Third, the revised ASTM *Standard Test Method for Treestand Fall Arrest System* (ASTM F2337-10) was approved on 8/1/10. Staff completed testing to support task group activities on treestands, and the draft testing report was in the CPSC internal clearance process at the end of the reporting period.

**Next Action**            CPSC staff will continue to monitor ASTM subcommittee activities and provide technical support, as appropriate. Staff will present findings from CPSC staff testing to the ASTM subcommittee for comments.