



Update on Current CPSC Issues

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Status of the Commission

- Chairman Hal Stratton resigned in July 2006
- As of January 15, 2007, the Commission lacks a quorum for official action
- Vice Chairman Nancy A. Nord is Acting Chair until a new Chair is appointed by the President and confirmed by the Senate
- Senate Commerce Committee has reported out a bill that would allow the Commission to operate with only two Commissioners for a further six months

Office of Hazard Identification and Reduction

- Data Collection and Analysis
- Mandatory and Voluntary Standards
- Technical Support for the Office of Compliance

New CPSC Mandatory Standards

- Mattresses, open flame ignition
- Portable Generators, labeling requirements

Standard for Flammability of Mattress Sets

- Effective July 1, 2007
- Addresses open flame ignition
- Limits fire intensity and prevents/delays flashover
- Provides time for discovery and escape
- Estimated to eliminate 240-270 deaths and 1,150-1,330 injuries annually when fully effective

Mattress Set with Conventional Materials

In 3 to 5 minutes, $>2,000$ kW

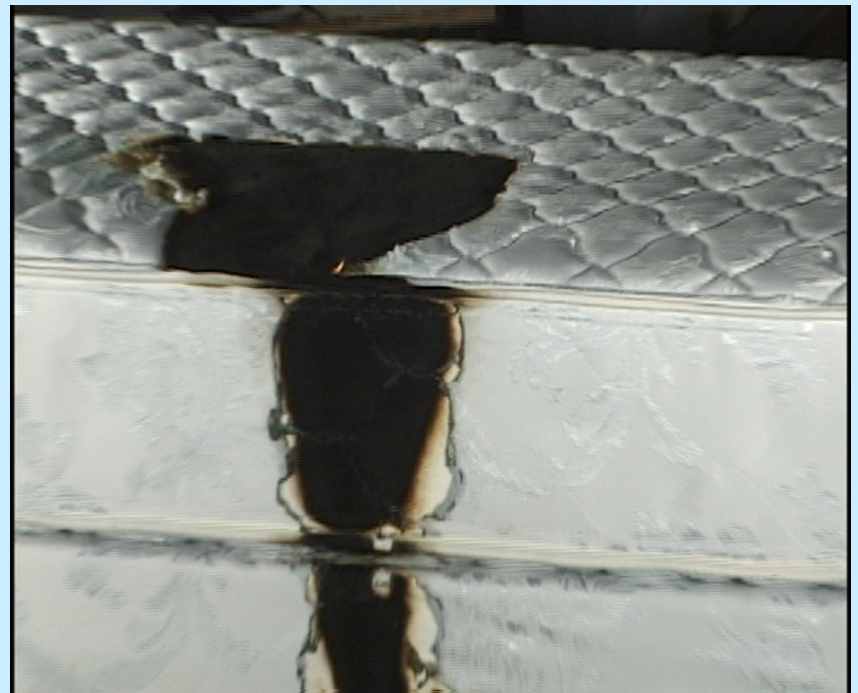


Improved Mattress Set Performance

Thirty minutes after exposure to burners



Under 100 kW



Under 50 kW

Generator Label

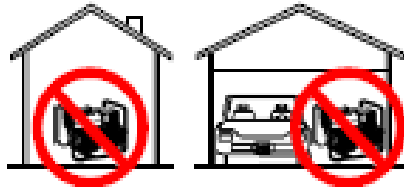
- Effective May 14, 2007
- Danger level warning
- Over 60 deaths in 2005
- Unknown number of injuries (new initiative)

Generator Label (Continued)

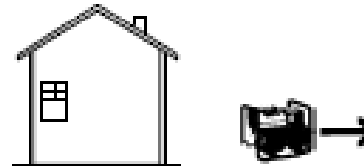
⚠ DANGER

Using a generator indoors **CAN KILL YOU IN MINUTES.**

Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell.



NEVER use inside a home or garage, **EVEN IF** doors and windows are open.



Only use **OUTSIDE** and far away from windows, doors, and vents.

Pending Rulemaking Projects

- Upholstered Furniture
- *Mattresses, cigarette ignition*
- Bedclothes
- Cigarette Lighters, mechanical malfunction
- *Clothing Textile Standard (amendments)*
- Carpet and Rug Standards (amendments)
- Lighters, CR (amendments to standards)
- Fireworks
- Candle Petition
- *ATVs*

Pending Rulemaking Projects (Continued)

- *Portable Generators*
- Table Saws
- Garage Door Operators
- Portable Bed Rails
- Baby Bath Seats
- Cribs (slat integrity)
- Bunk Bed Petition
- *Lead in Children's Jewelry*
- Infant Cushions

Mattresses, Cigarette Ignition

- Standard in effect for 30 years
- Need to revisit in light of new open flame mattress standard
- Testing underway
- Enforcement relief

Clothing Textile Standard (Amendments)

- Part of Rule Review
- Need to address changes in
 - test equipment
 - environmental law
 - consumer textile cleaning practices

ATVs

- Upwards of an estimated 750 deaths and 136,000 ER-treated injuries annually in recent years
- Commission has proposed mandatory standards
- Proposed standards for youth and adult ATVs:
 - Formally ban 3-wheel ATVs
 - Mandate requirements for:
 - Performance
 - Training
 - Labeling
 - Information

ATVs (Continued)

- Focus is to get children off of adult-size ATVs
- Staff currently reviewing comments and conducting research
- ATV safety website www.ATVSafety.gov

Portable Generators

- ANPR published in December 2006
- Focus is on
 - strategies to reduce consumers' exposure to CO
 - strategies to encourage the use of generators outdoors only
- CPSC staff is exploring
 - generator engines with substantially reduced CO emissions
 - interlocking or automatic shutoff devices
 - weatherization requirements
 - theft deterrence
 - noise reduction

Lead in Children's Jewelry

- Commission granted petition
- ANPR published in January 2007
- Considers declaring “children’s” jewelry containing more than 0.06 percent lead by weight in metal component to be a hazardous substance

Voluntary Standards Activities

Voluntary Standards Activities

New Report

FY 2006 Annual Report

Product: Bath Seats

Staff Contact: Hackett, Patty

Purpose: To revise the ASTM 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: A revision to the ASTM F1967-04 standard is expected in FY 2007 which will have new warning requirements to address climbing-out hazards. Revisions to the stability requirement were finalized at the 3/06 ASTM subcommittee meeting and were balloted in the summer of 2006. The ballot results for the new stability requirement were reviewed at the 9/06 subcommittee meeting. One negative was received, which was found to be non-persuasive. The ballot is expected to be re-issued in FY 2007 to uphold that finding.

Next Action Attend subcommittee meeting, 3/07

Voluntary Standards Activities (Continued)

CPSC Staff Voluntary Standards Activities



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Voluntary Standards

U.S. Consumer Product Safety Commission (CPSC) staff promotes safety by providing technical support for voluntary standards activities for a wide range of consumer products. Click on any active link below to obtain additional information, including hazard or incident data analyses, research reports, CPSC staff recommendations to voluntary standard committees, and related safety information. You can also view and comment on staff's [draft recommendations](#) to improve safety requirements prior to their submittal to voluntary standards organizations. In addition, links are provided to the appropriate voluntary standards organization for further information.

Your inquiries and comments are welcome if you care to contact CPSC staff about a voluntary standard activity. Please note that CPSC staff will take all comments and inquiries into consideration, although you may not receive a direct response to your submittal. You may also subscribe to receive updates concerning CPSC staff's voluntary standards activities. Click on the appropriate link in the Contact CPSC section of any standards activity.

<http://www.cpsc.gov/volstd/standards.html>

Voluntary Standards Activities (Continued)

CPSC Staff Voluntary Standards Activities

Carbon Monoxide

[CO Alarms](#)

[Portable Generators](#)

[Vented Gas Appliances CO Sensors](#)

Children's Products

Baby Bouncers

Baby Gates

Baby Swings

Baby Walkers

Bassinets/Cradles

[Bed Rails](#)

[Blind Cords](#)

Booster Seats

[Bunk Beds](#)

Changing Tables, Diaper

[Cribs](#)

Cribs, Commercial

High Chairs

Infant Bedding & Accessories

Infant Carriers

Infant Carriers, Frame

Infant Carriers, Soft

Playground Equipment, Age < 2

Playground Equipment, Home

[Playground Equipment, Public](#)

Playground Equipment, Soft

Playground Surfacing

Play Yards

Strollers

Toddler Beds

[Toys](#)

Child Drowning

[Bath Seats](#)

Infant Tubs

Pools/Hot Tubs/Spas

- [Portable Pools](#)

- Pool Alarms

- Pools and Spas

- [Suction Release Devices](#)

Electrical/Fire

[Arc-Fault Circuit Interrupters](#)

[Batteries](#)

Fans, Portable

[Heaters](#)

National Electrical Code

Smoke Alarms

Electrocution

[Ground-Fault Circuit Interrupters](#)

Fire

[Candles](#)

[Emergency Escape Masks](#)

Fire Sprinklers

[Turkey Fryers](#)

Household/Recreation (Mechanical)

All-Terrain Vehicles

Amusement Rides, Portable

[Bicycles](#)

Children's Folding Chairs

[Garage Door and Gate Operators](#)

Gasoline Containers

[Helmets, Recreational](#)

Hot Tubs and Spas

Ladders

Mowers

Paintball Guns

Scooters, Motorized

[Table Saws](#)

[Treestands, Hunting](#)

Poison Prevention

Child-Resistant Packaging

Voluntary Standards Activities (Continued)

- Work on/monitor about 60 activities each year
- Examples of standards we are involved with in 2007:
 - Batteries
 - Candles
 - Fans
 - Smoke Alarms
 - Turkey Fryers
 - CO Alarms
 - Portable Generators
 - Baby Gates

Voluntary Standards Activities (Continued)

- Examples of standards we are involved with in 2007(continued):
 - Baby Walkers
 - Bath Seats
 - Bed Rails
 - Booster Seats
 - Bunk Beds
 - Cribs
 - Folding Chairs, Children's
 - Gasoline Containers

Voluntary Standards Activities (Continued)

- Examples of standards we are involved with in 2007(continued):
 - Hot Tubs/Spas
 - Infant Carriers
 - Playground Equipment
 - Pools, Portable
 - Scooters, Motorized
 - Suction Release Devices
 - Swimming Pool Alarms
 - Toys, including Magnets

Magnets

- Aware of 1 death and 28 surgeries
- Unique injury pattern
 - Two or more magnetic components attract together in the abdomen and pinch bowel tissue

Magnets (Continued)

Injury Description: Magnetic Affixture

- Intestinal blockage, necrosis, perforations, looped intestines, sepsis, peritonitis



Magnets (Continued)

Difficult Diagnosis & Treatment

- Vague symptoms: abdominal pain, constipation, dehydration, rash, fever
- X-rayed object appears singular, unexceptional
- Expected to pass - Victims sent home!
- Surgeons baffled during procedure
- 3 to 19 days (mean = 8.7 days) hospital stay
- 5 cases required intensive care

Magnets (Continued)

- Recalls
- Voluntary Standard
 - labeling requirement
 - performance requirements needed that test magnets under conditions that approximate expected patterns of play

Candles

- Annual average of 14,800 fires resulting in 180 deaths and 1,330 injuries
- Petition deferred
- Voluntary standards address
 - labeling
 - secondary ignition
 - flame height
 - end of useful life performance
 - stability
 - gel candles (underway)
 - candle accessories (underway)
 - candleholders (underway)

Baby Bath Seats

- 123 deaths from January 1983 through April 2005
- Petition granted
- ANPR & NPR published
- Voluntary standard revised with requirements very similar to those in proposed rule
- New products on the market
- Voluntary standard strengthened
- Staff will assess updated voluntary standard

New Initiatives

- Age Determination Guidelines translated into Chinese

<http://www.cpsc.gov/BUSINFO/adgchinese.pdf>

- Manufacturer's Guide to Developing Consumer Product Instructions

<http://www.cpsc.gov/LIBRARY/FOIA/FOIA04/os/Guide.pdf>

- Draft Research Reports

<http://www.cpsc.gov/volstd/research/research.html>

New Initiatives (Continued)

CPSC Staff Research Reports

Public Notice of Draft Research Reports



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Research Reports

The U.S. Consumer Product Safety Commission (CPSC) staff conducts and sponsors many research and study projects in furtherance of its activities to improve product safety and reduce or eliminate potential hazards associated with consumer products. The findings from such projects may be used by staff to develop and refine positions on voluntary and mandatory product safety standards. The staff also conducts research on new and emerging technologies to evaluate their potential for enhancing consumer product safety and reducing hazards. Each research project typically concludes with development of a final report outlining the hazard scenario or product safety issue that was researched, the scope of the project, methodology used, and findings.

Below you will find links to the research reports that are currently available for review. Reports that are posted on this site will be available for review and comment for a minimum of 45 days prior to their removal and finalization. CPSC staff will assess comments that are received and take account of such comments when finalizing the reports.

If you care to provide comments concerning any of these reports, please submit your comments by e-mail to cpsc-os@cpsc.gov are unable to submit comments by e-mail, you may submit written comments to:

Office of the Secretary
U.S. Consumer Product Safety Commission

<http://www.cpsc.gov/volstd/research/research.html>

New Initiatives (Continued)

- Project on Nanotechnology
- Residential Fire Survey
- Consumer Opinion Forum