



United States  
**Consumer Product Safety Commission**

# Memorandum

**DATE:** September 15, 2025

**To:** The Commission  
Alberta E. Mills, Secretary

**THROUGH:** Matthew Campbell, General Counsel  
Brien Lorenze, Executive Director

**FROM:** Jacqueline H. Campbell,  
Voluntary Standards Coordinator  
Office of Hazard Identification and Reduction

**SUBJECT:** Voluntary Standards Tracking and Access Fiscal Year 2025 Midyear  
Report

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Attached is U.S. Consumer Product Safety Commission (CPSC) staff's Fiscal Year 2025 (FY 2025) Midyear Voluntary Standards Tracking and Access Report (VSTAR), covering the period October 1, 2024 through March 31, 2025. If you have any questions, please contact Jacqueline Campbell at: [jcampbell@cpsc.gov](mailto:jcampbell@cpsc.gov) or [VoluntaryStandards@cpsc.gov](mailto:VoluntaryStandards@cpsc.gov).



United States  
**Consumer Product Safety Commission**

## Memorandum



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# Voluntary Standards Tracking and Access Report

FY 2025 MIDYEAR REPORT

October 1, 2024–March 31, 2025

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

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# CPSC Voluntary Standards Activities:

October 1, 2024–March 31, 2025

## Introduction

Voluntary standards play an important role at the CPSC. Under some statutes CPSC administers, if a relevant voluntary standard addresses the risk of injury that a consumer product presents, the Commission can issue a mandatory standard only if the voluntary standard is not likely to adequately reduce or eliminate the risk of injury, or there is not likely to be substantial compliance with the voluntary standard. Additionally, some provisions of the Consumer Product Safety Improvement Act of 2008 (CPSIA) build upon voluntary standards. For example, section 104 of the CPSIA, 15 U.S.C. § 2056a, requires the Commission to promulgate mandatory consumer product safety standards for durable infant or toddler products. These mandatory 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 will further reduce the risk of injury associated with the product. Other laws implemented by the Commission require the CPSC to establish regulatory requirements that match specific voluntary standards.

## VSTAR Content and Organization

The Voluntary Standards Tracking and Access Report (VSTAR) is issued biannually as: (1) a Midyear Report, covering October 1 through March 31, and (2) an Annual Report of the CPSC fiscal year, which covers October 1 to September 30. This document is the Fiscal Year 2025 (FY 2025) Midyear Report.

Voluntary standards activities are handled by various standards developing organizations (SDOs), most of them accredited by the American National Standards Institute (ANSI).<sup>1</sup> While most of the voluntary standards discussed in this report are developed by ASTM, International (ASTM) and UL Standards and Engagement (ULSE), staff works with a number of other SDOs that support consumer product safety activities. This report contains a listing of all the SDOs staff works with on voluntary standards and includes their abbreviated designation(s) in the Appendix at the end of this report.

This VSTAR includes a table listing the voluntary standards to which staff contributed that were published or revised during the reporting period. Additionally, this report identifies staff who were approved to vote on a voluntary standard or hold a leadership position on a standards body during the reporting period.

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<sup>1</sup>International Organization for Standardization (ISO), International Electrotechnical Commission (IEC), American Pyrotechnics Association (APA), and The American Fireworks Standards Laboratory (AFSL) are not accredited by ANSI.

This VSTAR contains a section for each product, product area, or hazard associated with CPSC staff's voluntary standards work that is listed in the FY 2025 CPSC Operating Plan (Op Plan). The FY 2025 Op Plan lists 92 different product, product area, or hazard categories for which staff planned to be actively involved in developing voluntary standards during the fiscal year. The voluntary standards covered in this report address potential hazards associated with consumer products found in homes, schools, and recreation areas. More than 40 different staff serve as designated representatives (DRs) for the categories outlined in this report.

The product, product area, or hazard categories are organized with the following grouping:

- Children's Products and Hazards
  - Durable Infant and Juvenile Products
  - Other Children's Products and Hazards
- Emerging Technology
- Home Products and Hazards
- Recreation
- Codes, Analytical Methods, and Labeling

Each VSTAR entry includes the following information:

<b>Purpose:</b>	The purpose of staff's involvement with the voluntary standard(s).
<b>Staff Contact:</b>	The name of staff leading the activity ( <i>i.e.</i> , the DR).
<b>Voluntary Standard(s):</b>	The designation(s) and name(s) of existing voluntary standards, potential new voluntary standards, and ISO standards associated with the product, with which staff is, was, or may be actively involved. The designation and titles for new or updated voluntary standards are in <b>bold font</b> . Titles for current voluntary standards are in <i>italics</i> , and titles of draft or potential standards are in plain font (not bold and non-italicized).
<b>Standard(s) Update:</b>	Any updates to the voluntary standards or potential new voluntary standards with staff's participation.
<b>Relevant Rule:</b>	Any associated CPSC mandatory standard(s), proposed regulation(s), and relevant petitions, regardless of status. This subsection also includes updates to any of the mandatory standard(s), proposed regulations, or petitions noted in the subsection above.
<b>Activities:</b>	A high-level description of the activity associated with the voluntary standards that occurred during the reporting period. Staff and Commission activities are highlighted in this subsection. There are sections summarizing staff-attended

meetings, documented standards-related staff communications, and relevant ballot activity. It is noted when staff did not attend any meetings, did not send any documented communication, or there were no ballots. Note that these summaries should not serve as an exhaustive source for information on meetings or ballots. Contact the SDO for more information.

**Next Action:**

Staff's anticipated actions on the voluntary standards and associated mandatory standards. This subsection also includes any recommendations associated with the voluntary standard.

VSTAR entries provide a high-level description of staff activity for the reporting period. For further information on meeting activity, staff meeting logs may be found at [Newsroom - FOIA | CPSC.gov](#). Staff correspondence may be found on the CPSC Voluntary Standards website at <https://www.cpsc.gov/Regulations-Laws--Standards/Voluntary-Standards>.

## Updated Standards

During the reporting period, staff participation in 27 of the operating plan listed activity categories resulted in at least one new or revised voluntary standard that improved safety and was published during the reporting period. These are in fulfillment of Budget Key Metric 2025KM1.2.1. A full list of these standards may be found in Appendix 2. Details regarding the revisions can be found in the applicable product sections of this report. The designations and titles of all voluntary standards that were new, revised, or reapproved during the reporting period are shown in bold font in the applicable activity section.

## Voting and Leadership Roles

In accordance with 16 CFR part 1031, *Commission Participation and Commission Employee Involvement in Voluntary Standards Activities*, the VSTAR report includes information about staff voting and leadership activities. These activities are approved annually by the Office of the Executive Director (OEX). Listed below are the active voting and leadership approvals during the reporting period:

Staff Name	Date of Approval	New Approval or Renewal	Role	Standards Body and Standard
Mordecai, B.	May 2024*	Renewal	Voting	ASTM F963 Toy Safety
Harsanyi, S.	September 2024*	Renewal	Voting	ASTM F3458 Magnets
Kish, C.	September 2024*	Renewal	Voting	ASTM F2194 Bassinets
Johnson, A.	September 2024*	New	Voting	ASTM F15.21 Infant Loungers (WK82078)
Ayers, S.	October 2024	Renewal	Voting	ASTM F3429 Flame Mitigation Devices Installed in Disposable

				and Pre-Filled Flammable Liquid Containers
Ayers, S.	October 2024	Renewal	Voting	ASTM F2517, F3326, F852, F2874, F839
Maling, E.	January 2025	Renewal	Voting	ASTM F08.22, Tent Flammability Standard
Lee, A.	January 2025	New	Leadership	Portable Electric Heaters WG Chair (Includes UL 1278 and UL 1042)
Lee, A.	January 2025	Renewal	Leadership	Electric Fans, UL 507
Nesteruk, H.	January 2025	New	Voting	BIFMA X5.4 Public and Lounge Seating
Kish, C.	January 2025	Renewal	Voting	ASTM F406 NFS Cribs and Play Yards
Smith, T.	February 2025	Renewal	Voting	ANSI Z535 Safety Colors and Signs
Johnson, A.	February 2025	New	Voting	ASTM F15.12 Firmness and Breathability
Kerns, J.	February 2025	New	Voting	ASTM F1967 and F2670, Infant Bath Seats and Bath Tubs
Kish, C.	February 2025	New	Voting	ASTM F2906 Bedside Sleepers, F2388 Changing Products, F1821 Toddler Beds, F1169 Full-Size Cribs
Maling, E.	March 2025	New	Voting	ASTM F15.37 Children's Drawstrings
Foster, Z.	March 2025	New	Voting	ASTM F2549 Frame Child Carriers, F2050 Hand-held Infant Carriers, F2167 Bouncers, F3084 Rockers, F2088 Swings, F2907 Slings, F2236 Soft Carriers
Gordon, B.	March 2025	New	Voting	ASTM F2613 Children's Chairs, WK 86690 Children's Step Stools and Standing Towers
Smith, T.	February 2025	New	Voting	ASTM F2640 Booster Seats, F404 High Chairs, F1235 Portable Hook-On Chairs, F3669 Nursing Pillows
Taxier, D.	March 2025	New	Voting	ASTM F2710 Commercial Cribs
Taxier, D.	March 2025	New	Voting	ASTM F1004 Gates, F2085 Portable Bed Rails
Taxier, D.	March 2025	New	Voting	ASTM F2933 Crib Mattresses

\*Some voting and leadership approvals from the previous reporting period are still active.

# FY 2025 Voluntary Standards Activities Summary

## Children's Products and Hazards

### Durable Infant and Toddler Products

Section 104 of the CPSIA directs the Commission to work with stakeholders and SDOs to examine and assess the effectiveness of voluntary product safety standards for durable infant and toddler products. Once a regulation is promulgated based on a voluntary standard, the SDO notifies the Commission of updates to the standard. Unless the Commission notifies the SDO within 90 days of the update notice that the proposed revision does not improve the safety of the product, the revised standard will be considered a consumer product safety standard issued by the Commission effective 180 days after the SDO notifies the Commission (or a later date specified by the Commission in the Federal Register). However, if the Commission determines that the proposed revised standard does not improve the safety of the consumer product covered by the standard, then the Commission must timely notify the SDO of the Commission's determination and that the applicable mandatory children's product safety rule remains unchanged. After the Commission issues a mandatory safety standard for a durable infant or toddler product, the Commission must periodically review and revise the standard to ensure that such standard provides the highest level of safety for such product that is feasible.

#### Bassinets/Cradles

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with bassinets and cradles.

**Staff Contact** Kish, Celestine

Voluntary Standard(s)	Designation and current version	Title
	ASTM F2194-22e1	Standard Consumer Safety Specification for Bassinets and Cradles

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1218, *Safety Standard for Bassinets and Cradles*  
Note: The current rule references ASTM F2194-13, a previous version of the standard, with modifications.

On April 16, 2024, the Commission published a Notice of Proposed Rulemaking (NPR) to update the standard (89 FR 27246).



**Activities  
Summary**

Staff continues to work with the subcommittee on safe sleep issues for bassinets and cradles. During the reporting period, staff participated in a subcommittee meeting and task group meetings on mattresses and responded to a ballot. Additionally, staff worked on a final rule for Commission consideration.

**Meeting(s)**

Staff participated in an ASTM F15.18 subcommittee meeting where a ballot was discussed, as well as task group updates and formation of a new task group on firmness. Staff also participated in task group meeting to discuss incident data and firmness.

**Communication(s)**

Date	Type	Summary
2/10/2025	Letter	Staff submitted comments with their negative vote on ballot F15(25-01), item 1.

**Ballot(s)**

Date closed	Voluntary Standard	Summary and Results (If Applicable)
February 2025	ASTM F2194	Ballot F15(25-01), item 2, proposed revising definitions for "mattress" and "removable bassinet bed" to clarify the latching and locking requirements only apply to bassinet beds that can be used free-standing. The item received negative votes, including from staff. The item was unresolved at the end of the reporting period.
April 2025	ASTM F2194	Ballot F15(25-06), item 6, proposed requirements for tilt angle, structural stability, battery compartments, and aftermarket mattresses. The ballot was still open at the end of the reporting period.

**Next Action**

Staff will provide annual summary data to the subcommittee and participate in upcoming subcommittee and task group meetings, including the next ASTM subcommittee meeting scheduled in April 2025. Staff will deliver a final rule to the Commission for consideration.

**Bedside Sleepers**

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**Purpose**

To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with bedside sleepers.

**Staff Contact**

Kish, Celestine

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2906-23	<i>Standard Consumer Safety Specification for Bedside Sleepers</i>
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.	
<b>Relevant Rule</b>	16 CFR part 1222, <i>Safety Standard for Bedside Sleepers</i>	
<b>Activities Summary</b>	Staff continues to work with the subcommittee on safe sleep issues related to bedside sleepers.	
<b>Meeting(s)</b>	No meetings related to relevant standards or topics took place during the reporting period.	
<b>Communication(s)</b>	There were no formal communications during the reporting period.	
<b>Ballot(s)</b>	There were no relevant ballots during the reporting period.	
<b>Next Action</b>	Staff will provide annual summary data to the subcommittee and participate in the next ASTM subcommittee meeting, when scheduled.	

## Booster Seats

<b>Purpose</b>	To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with booster seats.	
<b>Staff Contact</b>	Stewart, Daniel	
<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2640-18(2024)	<i>Standard Consumer Safety Specification for Booster Seats</i>
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.	
<b>Relevant Rule</b>	16 CFR part 1237, <i>Safety Standard for Booster Seats</i>	
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.16 subcommittee to address safety issues related to booster seats.	

**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and participate in the next ASTM subcommittee meeting, when scheduled.

## Carriages and Strollers

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with carriages and strollers.

**Staff Contact** Talcott, Kristen

Voluntary Standard(s)	Designation and current version	Title
	ASTM F833-21	Standard Consumer Safety Specification for Carriages and Strollers

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1227, *Safety Standard for Carriages and Strollers*

**Activities Summary** Staff continues to work with the ASTM F15.17 subcommittee to address safety issues related to carriages and strollers. During the reporting period, staff participated in a subcommittee and task group meeting and provided incident data to the subcommittee.

**Meeting(s)** Staff participated in a F15.17 subcommittee meeting where opening requirements (related to pinch/finger amputation hazards) for snap clips, label conspicuity, and stability testing for strollers rated to higher child weights were discussed. Subcommittee members formed a new task group to address wagon-stroller hybrid products, which CPSC staff joined. Staff also participated in a task group meeting for wagon stroller hybrids.

Communication(s)	Date	Type	Summary
	3/14/2025	Data	Staff provided the subcommittee with a spreadsheet of incident data for carriages and strollers from 8/1/2022 through 1/31/2025.

Ballot(s) There were no relevant ballots during the reporting period.

**Next Action** Staff will participate in upcoming subcommittee and task group meetings.

## Changing Products

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with baby changing products.

**Staff Contact** Mella, Lawrence

Voluntary Standard(s)	Designation and current version	Title
	ASTM F2388-21	Standard Consumer Safety Specification for Baby Changing Products for Domestic Use

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1235, *Safety Standard for Baby Changing Products*

**Activities Summary** Staff continues to work with the ASTM F15.18 subcommittee on safety issues related to baby changing products.

Meeting(s) No meetings related to relevant standards or topics took place during the reporting period.

Communication(s) There were no formal communications during the reporting period.

Ballot(s) There were no relevant ballots during the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and participate in the next task group or subcommittee meeting, when scheduled.

## Children's Folding Chairs and Stools

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the

corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with children's folding chairs and stools.

**Staff Contact**

Gordon, Bradley

**Voluntary Standard(s)**

Designation and current version	Title
ASTM F2613-22	<i>Standard Consumer Safety Specification for Children's Chairs and Stools</i>
ASTM WK 86690	New Specification for Learning Towers
ASTM WK 92953	New Specification for Children's Step Stools

**Standard(s) Update**

The voluntary standard was not updated during the reporting period.

**Relevant Rule**

16 CFR part 1232, *Safety Standard for Children's Folding Chairs and Children's Folding Stools*. Note: The current rule references ASTM F2613-21, a previous version of the standard.

**Activities Summary**

Staff continues to work with the ASTM F15.59 subcommittee to address hazards associated with children's chairs and stools. During the reporting period, staff participated in subcommittee and task group meetings.

**Meeting(s)**

Staff participated in a subcommittee meeting, which included discussion of separation of standards, age ranges and weights, and providing a testing window before balloting new requirements. Staff participated in several task group meetings on "standing tower" products and warnings and instructions.

**Communication(s)**

There were no formal communications during the reporting period.

**Ballot(s)**

There were no relevant ballots during the reporting period.

**Next Action**

Staff will provide annual summary data to the subcommittee and participate in upcoming subcommittee meetings in April 2025.

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**Commercial Cribs**

**Purpose**

To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with cribs in commercial settings, such as hotels and childcare centers.

**Staff Contact**

Taxier, Daniel

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2710-19	<i>Standard Consumer Safety Performance Specification for Commercial Cribs</i>
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.	
<b>Relevant Rule</b>	16 CFR part 1219, <i>Safety Standard for Full-Size Cribs</i> , and 16 CFR part 1220, <i>Safety Standard for Non-Full-Size Baby Cribs</i>	
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.18 subcommittee to address hazards associated with commercial cribs.	
<b>Meeting(s)</b>	No meetings related to this standard or related topics took place during the reporting period.	
<b>Communication(s)</b>	There were no formal communications during the reporting period.	
<b>Ballot(s)</b>	There were no ballots during the reporting period.	
<b>Next Action</b>	Staff will provide annual summary data to the subcommittee and participate in upcoming subcommittee meetings, when scheduled.	

### **Crib Mattresses (including Supplemental and After-market Mattresses)**

<b>Purpose</b>	To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with crib and supplemental mattresses.	
<b>Staff Contact</b>	Taxier, Daniel	
<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2933-21a	<i>Standard Consumer Safety Performance Specification for Crib Mattresses</i>
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.	
<b>Relevant Rule</b>	16 CFR part 1241, <i>Safety Standard for Crib Mattresses</i> Note: The current rule references ASTM F2933-21, a previous version of the standard.	

**Activities  
Summary**

Staff continues to work with the ASTM F15.66 subcommittee on safe sleep issues related to crib mattresses. During the reporting period, staff participated in a subcommittee meeting and several task group meetings.

**Meeting(s)**

Staff participated in a subcommittee meeting where ballot results were discussed. Additionally, staff participated in several task group meetings on mattress firmness and corner gaps.

**Communication(s)**

There were no formal communications during the reporting period.

**Ballot(s)**

Date closed	Voluntary Standard	Summary and Results (If Applicable)
October 2024	ASTM F2933	Ballot F15(24-18), item 15, proposed revising the product, package, and instruction marking requirements. The item received negative votes and was unresolved at the end of the reporting period.
October 2024	ASTM F2933	Ballot F15(24-18), item 16, proposed revising the corner gap requirement. The item received a negative vote that was found persuasive and was removed from the ballot.
October 2024	ASTM F2933	Ballot F15(24-18), item 17, proposed addressing a firmness requirement. The item received a negative vote that was found persuasive and was removed from the ballot.
October 2024	ASTM F2933	Ballot F15(24-18), item 18, proposed an impact durability requirement. The item received no negative votes but was unresolved at the end of the reporting period.
October 2024	ASTM F2933	Ballot F15(24-18), item 19, proposed clarifying the scope of the standard includes bassinet accessories of play yards. The item received no negative votes but was unresolved at the end of the reporting period.
April 2025	ASTM F2933	Ballot F15(25-06), item 9, proposed addressing a mattress firmness requirement. The ballot was still open at the end of the reporting period.

**Next Action**

Staff will provide annual summary data to the subcommittee and participate in upcoming subcommittee and task group meetings, when scheduled.

## Frame Child Carriers

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with frame child carriers.

**Staff Contact** Taxier, Daniel

Voluntary Standard(s)	Designation and current version	Title
	ASTM F2549-22	<i>Standard Consumer Safety Specification for Frame Child Carriers</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1230, *Safety Standard for Frame Child Carriers*

**Activities Summary** Staff continues to work with the ASTM F15.21 subcommittee on safety issues related to frame child carriers.

**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and attend the next subcommittee meeting, when scheduled.

## Full-Size Cribs

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with full-size cribs.

**Staff Contact** Taxier, Daniel

Voluntary Standard(s)	Designation and current version	Title
	ASTM F1169-19	<i>Standard Consumer Safety Specification for Full-Size Cribs</i>



<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.
<b>Relevant Rule</b>	16 CFR part 1219, <i>Safety Standard for Full-Size Cribs</i>
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.18 subcommittee and related task groups on safe sleep issues, including inclined sleep surfaces.
<b>Meeting(s)</b>	No meetings related to relevant standards or topics took place during the reporting period.
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no relevant ballots during the reporting period.
<b>Next Action</b>	Staff will provide annual summary data to the subcommittee and participate in any upcoming subcommittee meetings, when scheduled.

## Gates and Expandable Enclosures

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<b>Purpose</b>	To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with expansion gates and expandable enclosures.	
<b>Staff Contact</b>	Torres, Carlos	
<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F1004-23	<i>Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures</i>
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.	
<b>Relevant Rule</b>	16 CFR part 1239, <i>Safety Standard for Gates and Enclosures</i> Note: The current rule references ASTM F1004-22, a previous version of the standard.	
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.11 subcommittee on improving the safety of gates and enclosures. During the reporting period, staff participated in a subcommittee and task group meeting.	

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**Meeting(s)** Staff participated in a subcommittee meeting to discuss task group work on pet doors, third party accessories, and retractable gates. Staff also participated in a task group meeting to discuss retractable gates.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	April 2025	ASTM F1004	Ballot F15(25-06), item 3 proposed a requirement to not allow pet doors. The item was still open at the end of the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and participate in upcoming subcommittee meetings in April 2025.

## Handheld Infant Carriers

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with hand-held infant carriers.

**Staff Contact** DeGrano, Frederick

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2050-19	<i>Standard Consumer Safety Performance Specification for Hand-Held Infant Carriers</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1225, *Safety Standard for Hand-Held Infant Carriers*

**Activities Summary** Staff continues to work with the ASTM F15.21 subcommittee to address hazards associated with hand-held infant carriers.

**Meeting(s)** Voluntary standards meetings related to this topic did not take place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and participate in the next ASTM subcommittee meeting, when scheduled.

## High Chairs

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with high chairs.

**Staff Contact** Marques, Stefanie

Voluntary Standard(s)	Designation and current version	Title
	ASTM F404-21	<i>Standard Consumer Safety Specification for High Chairs</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1231, *Standard Consumer Safety Specification for High Chairs*.

**Activities Summary** Staff continues to work with the ASTM F15.16 subcommittee on improving safety of high chairs.

**Meeting(s)** Voluntary standards meetings related to this topic did not take place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and participate in the next ASTM subcommittee meeting when scheduled.

## Infant Bath Seats

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant bath seats.

**Staff Contact** Kerns, Julia

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F1967-24	<i>Standard Consumer Safety Specification for Infant Bath Seats</i>
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.	
<b>Relevant Rule</b>	On October 9, 2024, the Commission published the final rule for 16 CFR part 1215, <i>Safety Standard for Infant Bath Seats</i> [89 FR 81828] with an effective date of January 4, 2025.	
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.20 subcommittee to address hazards associated with infant bath seats. Staff participated in the subcommittee meeting during the reporting period.	
<b>Meeting(s)</b>	Staff participated in a subcommittee meeting where they notified the subcommittee that 16 CFR 1215 had been revised.	
<b>Communication(s)</b>	There were no formal communications during the reporting period.	
<b>Ballot(s)</b>	There were no ballots during the reporting period.	
<b>Next Action</b>	Staff will provide annual summary data to the subcommittee and participate in the next ASTM subcommittee meeting in April 2025.	

## Infant Bath Tubs

<b>Purpose</b>	To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant bath tubs.	
<b>Staff Contact</b>	Foster, Zachary	
<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2670-22	<i>Standard Consumer Safety Specification for Infant Bath Tubs</i>
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.	
<b>Relevant Rule</b>	16 CFR part 1234, <i>Safety Standard for Infant Bath Tubs</i>	

Activities Summary

Staff continues to work with the ASTM F15.20 subcommittee on issues related to drowning, stability, and resistance to the collapse of infant bath tubs. During the reporting period, staff participated in subcommittee and task group meetings and provided incident data to the subcommittee.

Meeting(s)

Staff participated in a subcommittee meeting and a task group meeting related to warnings/pictograms.

Communication(s)

Date	Type	Summary
2/13/2025	Data	Staff provided the subcommittee with a summary of the annual incident data for the period ending 1/5/2025.

Ballot(s)

There were no ballots during the reporting period.

Next Action

Staff will participate in the upcoming subcommittee meeting in April 2025.

## Infant Bouncer Seats

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<b>Purpose</b>	To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant bouncer seats.						
<b>Staff Contact</b>	Wanna-Nakamura, Suad						
<b>Voluntary Standard(s)</b>	<table><tr><th>Designation and current version</th><th>Title</th></tr><tr><td>ASTM F2167-22</td><td><i>Standard Consumer Safety Specification for Infant Bouncer Seats</i></td></tr></table>			Designation and current version	Title	ASTM F2167-22	<i>Standard Consumer Safety Specification for Infant Bouncer Seats</i>
Designation and current version	Title						
ASTM F2167-22	<i>Standard Consumer Safety Specification for Infant Bouncer Seats</i>						
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.						
<b>Relevant Rule</b>	16 CFR part 1229, <i>Safety Standard for Infant Bouncer Seats</i>						
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.21 subcommittee to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant bouncer seats. During the reporting period, staff provided the subcommittee with annual incident data related to bouncer seats.						

**Meeting(s)** Voluntary standards meetings related to this topic did not take place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and participate in upcoming subcommittee meetings, when scheduled.

## Infant Loungers

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**Purpose** To work with ASTM To work with ASTM on establishing a voluntary standard to address hazards associated with infant loungers.

**Staff Contact** Johnson, Ashley

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM WK82078	Potential new voluntary standard for Infant Loungers

**Standard(s) Update** The voluntary standard was under development during the reporting period, but the subcommittee has since disbanded.

**Relevant Rule** On November 4, 2024, the Commission published a final rule for 16 CFR part 1243 *Safety Standard for Infant Support Cushions* [89 FR 87467] with an effective date of May 5, 2025.

**Activities Summary** During the reporting period, staff worked with the ASTM F15.21 subcommittee to develop the voluntary standard, and staff attended a subcommittee meeting.

**Meeting(s)** During the reporting period, staff attended a subcommittee meeting where ballot results and the rule, 16 CFR part 1243, were discussed. The subcommittee discussed disbanding the subcommittee due to differences with the rule.

<b>Communication(s)</b>	<b>Date</b>	<b>Type</b>	<b>Summary</b>
	10/16/2024	Letter	Staff provided the subcommittee with comments on ballot F15(24-18), item 1.

11/15/2024	Letter	Staff submitted a letter with comments advocating for the continuation of the subcommittee's work to establish a safety standard for infant loungers.
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#### *Ballot(s)*

<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
October 2024	ASTM WK82078	Ballot F15(24-18), item 1, proposed the new standard for loungers. The item received negative votes and was unresolved at the end of the reporting period.
November 2024	ASTM WK82078	Administrative Ballot put forth to discontinue subcommittee work under WK82078 due to publication of a federal rule on infant support cushions. The motion passed with 45 affirmatives, 8 negatives, and 35 abstentions.

#### **Next Action**

The administrative ballot to disband the subcommittee was approved on December 13, 2024. As a result, the subcommittee was disbanded, and the work was archived. If the subcommittee is reformed, staff will participate in future meetings.

### **Infant Swings**

#### **Purpose**

To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant swings.

#### **Staff Contact**

Torres, Carlos

#### **Voluntary Standard(s)**

<b>Designation and current version</b>	<b>Title</b>
ASTM F2088-24	<i>Standard Consumer Safety Specification for Infant and Cradle Swings</i>

#### **Standard(s) Update**

The voluntary standard was not updated during the reporting period.

#### **Relevant Rule**

16 CFR part 1223, *Safety Standard for Infant Swings*

#### **Activities Summary**

Staff continues to work with the ASTM F15.21 subcommittee on the safety of infant swings. During the reporting period, staff participated in subcommittee and task group meetings.

**Meeting(s)** Staff participated in a subcommittee meeting where incident data and warnings were discussed. Staff also attended a task group meeting on incident data.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	March 2025	ASTM F2088	Ballot F15(25-03), item 1, proposed updating the location of warnings on the product. The item received a negative vote and was unresolved at the end of the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and participate in upcoming subcommittee meetings in April 2025.

## Infant Walkers

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with infant walkers.

**Staff Contact** Mordecai, Ben

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F977-22	Standard Consumer Safety Specification for Infant Walkers

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1216, *Safety Standard for Infant Walkers*

**Activities Summary** Staff continues to work with the ASTM F15.17 subcommittee on safety issues related to infant walkers. During the reporting period, staff provided data to the subcommittee and participated in subcommittee meetings to review data.

**Meeting(s)** Staff participated in two subcommittee meetings focused on incident data review to identify any potential new requirements needed in the standard.



<i>Communication(s)</i>	Date	Type	Summary
	10/16/2024	Data	Staff provided the subcommittee with a spreadsheet of infant walker incident data for the period 7/19/2017 to 6/5/2024.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in upcoming subcommittee meetings, as scheduled.

## Non-Full-Sized Cribs and Play Yards

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with non-full-size cribs and play yards.

**Staff Contact** DeGrano, Frederick

<b>Voluntary Standard(s)</b>	Designation and current version	Title
	ASTM F406-24	<i>Standard Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards</i>

**Standard(s) Update** On September 18, 2024, ASTM published the revised standard ASTM F406-24 *Standard Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards*. The revision included updated warnings and Ad Hoc Subcommittee language, updated accessories definitions, and removal of mattress thickness requirements to align the voluntary standard with the federal regulation. On October 7, 2024, ASTM notified CPSC of the revision.

**Relevant Rule** On January 29, 2025, the Commission published a direct final rule for 16 CFR part 1221, *Safety Standard for Play Yards* [90 FR 8368] with an effective date of April 5, 2025.

On January 31, 2025, the Commission published a direct final rule for 16 CFR part 1220, *Safety Standard for Non-Full-Size Baby Cribs* [90 FR 8676] with an effective date of April 5, 2025.

**Activities Summary** Staff continues to work with the ASTM F15.18 subcommittee on safe sleep issues related to non-full-size baby cribs and play yards. During the reporting period, staff participated in subcommittee and task group meetings, provided comments on a ballot, provided data to the subcommittee, and notified the subcommittee of a public comment on the standard.

**Meeting(s)** Staff attended a subcommittee meeting where the subcommittee discussed results of ballot items, the progress of task groups, and the preponderance of soft bedding involved in incidents. Staff also participated in task group meetings for developing pictogram warning labels, requirements for products with padded floors, and mattress fit and thickness.

<b>Communication(s)</b>	<b>Date</b>	<b>Type</b>	<b>Summary</b>
	10/16/2024	Data	Staff provided the subcommittee with a summary of the annual incident data related to play yards for the period ending 7/4/2024.
	10/17/2024	Data	Staff provided the subcommittee with a summary of the annual incident data related to NFS cribs for the period ending 8/1/2024.
	12/19/2024	Letter	Staff notified the subcommittee of the Commission's decision to accept the revised standard, ASTM F406-24, for the federal safety standard, 16 CFR part 1512.
	2/10/2025	Letter	Staff voted negative on ballot F15(25-01), item 2, and provided the subcommittee with comments.
	2/20/2025	Letter	Staff notified the subcommittee of a comment received from the NOA for the publication of ASTM F406-24.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	February 2025	ASTM F406	Ballot F15(25-01), item 2, proposed revising the definition for "mattress" and adding warnings for segmented products. The item received negative votes and was removed from the ballot.

**Next Action** Staff will participate in upcoming meetings, including the next ASTM subcommittee meeting, scheduled in April 2025.

## Nursing Support Products

**Purpose** To work with ASTM on establishing voluntary standards to address hazards associated with nursing support products.

**Staff Contact** Smith, Timothy

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F3669-24	<i>Standard Consumer Safety Specification for Nursing Pillows</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1242 *Safety Standard for Nursing Pillows*

**Activities Summary** Staff continued to work with the ASTM F15.16 subcommittee to develop a new safety standard for nursing support products. During the reporting period, staff participated in subcommittee and task group meetings.

**Meeting(s)** Staff attended a subcommittee meeting that provided a status on task group work and discussed differences between the mandatory rule and the ASTM voluntary standard. Staff also attended meetings of the performance requirements task group to address withdrawn negatives on the previous ballot of the now-published ASTM voluntary standard.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in upcoming subcommittee and task group meetings, including the next ASTM subcommittee meetings, scheduled in April 2025.

### Portable Bed Rails (Children's)

**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with portable bed rails for children.

**Staff Contact** Taxier, Daniel

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2085-19	<i>Standard Consumer Safety Specification for Portable Bed Rails</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

<b>Relevant Rule</b>	16 CFR part 1224, <i>Safety Standard for Portable Bed Rails</i>												
<b>Activities Summary</b>	Staff continued to work with the ASTM F15.11 subcommittee to improve the safety of children’s portable bedrails. During the reporting period, staff recommended changes to strap requirements and provided data to the subcommittee.												
Meeting(s)	No meetings related to relevant standards or topics took place during the reporting period.												
Communication(s)	<table><tr><th>Date</th><th>Type</th><th>Summary</th></tr><tr><td>10/11/2024</td><td>Letter</td><td>Staff provided the subcommittee with a recommendation to reduce strangulation risks from excess straps on children’s portable bed rails.</td></tr><tr><td>1/31/2025</td><td>Data</td><td>Staff provided two redacted IDIs for strangulation incidents related to excess straps.</td></tr><tr><td>3/5/2025</td><td>Data</td><td>Staff provided the subcommittee with a spreadsheet of portable bed rail incidents for the period January 2020 through December 2024.</td></tr></table>	Date	Type	Summary	10/11/2024	Letter	Staff provided the subcommittee with a recommendation to reduce strangulation risks from excess straps on children’s portable bed rails.	1/31/2025	Data	Staff provided two redacted IDIs for strangulation incidents related to excess straps.	3/5/2025	Data	Staff provided the subcommittee with a spreadsheet of portable bed rail incidents for the period January 2020 through December 2024.
Date	Type	Summary											
10/11/2024	Letter	Staff provided the subcommittee with a recommendation to reduce strangulation risks from excess straps on children’s portable bed rails.											
1/31/2025	Data	Staff provided two redacted IDIs for strangulation incidents related to excess straps.											
3/5/2025	Data	Staff provided the subcommittee with a spreadsheet of portable bed rail incidents for the period January 2020 through December 2024.											
Ballot(s)	There were no relevant ballots during the reporting period.												
<b>Next Action</b>	Staff will participate in the next subcommittee meetings, when scheduled.												

## Portable Hook-On Chairs

<b>Purpose</b>	To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with hook-on chairs.				
<b>Staff Contact</b>	Mella, Lawrence				
<b>Voluntary Standard(s)</b>	<table border="1"> <thead> <tr> <th>Designation and current version</th><th>Title</th></tr> </thead> <tbody> <tr> <td>ASTM F1235-18</td><td><i>Standard Consumer Safety Specification for Portable Hook-On Chairs</i></td></tr> </tbody> </table>	Designation and current version	Title	ASTM F1235-18	<i>Standard Consumer Safety Specification for Portable Hook-On Chairs</i>
Designation and current version	Title				
ASTM F1235-18	<i>Standard Consumer Safety Specification for Portable Hook-On Chairs</i>				
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.				
<b>Relevant Rule</b>	16 CFR part 1233, <i>Safety Standard for Hook-On Chairs</i>				

**Activities Summary**

Staff continued to work with the ASTM F15.16 subcommittee to improve the safety of children's portable hook-on chairs. During the reporting period, staff participated in a subcommittee meeting.

**Meeting(s)**

Staff participated in a subcommittee meeting to discuss negatives and comments related to ballot F15(24-18), item 6. The subcommittee decided to withdraw the ballot item and make changes to the ad hoc language. Staff participated in a subcommittee meeting to discuss the negatives and comments related to ballot F15(25-06), items 4 and 5. The subcommittee decided the negatives were persuasive.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)**

Date closed	Voluntary Standard	Summary and Results (If Applicable)
October 2024	ASTM F1235	Ballot F15(24-18), item 6, proposed updated ad hoc wording. The item received negative votes and was unresolved at the end of the reporting period.
April 2025	ASTM F1235	Ballot F15(25-06), item 4, proposed battery requirements. The ballot was still open at the end of the reporting period.
April 2025	ASTM F1235	Ballot F15(25-06), item 5, proposed updated ad hoc wording. The ballot was still open at the end of the reporting period.

**Next Action**

Staff will provide annual summary incident data and participate in the next ASTM subcommittee meeting, when scheduled.

## Sling Carriers (Infant and Toddlers)

**Purpose**

To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with sling carriers.

**Staff Contact**

Foster, Zachary

**Voluntary Standard(s)**

Designation and current version	Title
ASTM F2907-22	Consumer Safety Specification for Sling Carriers

**Standard(s) Update**

The voluntary standard was not updated during the reporting period.

<b>Relevant Rule</b>	16 CFR part 1228, <i>Safety Standard for Sling Carriers</i>								
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.21 subcommittee on sling carrier products. During the reporting period, staff provided the subcommittee with data.								
Meeting(s)	No meetings related to relevant standards or topics took place during the reporting period.								
Communication(s)	<table><tr><th>Date</th><th>Type</th><th>Summary</th></tr><tr><td>10/31/2024</td><td>Data</td><td>Staff provided the subcommittee with a summary of the annual incident data related to slings for the period ending 6/17/2024.</td></tr></table>	Date	Type	Summary	10/31/2024	Data	Staff provided the subcommittee with a summary of the annual incident data related to slings for the period ending 6/17/2024.		
Date	Type	Summary							
10/31/2024	Data	Staff provided the subcommittee with a summary of the annual incident data related to slings for the period ending 6/17/2024.							
Ballot(s)	There were no relevant ballots during the reporting period.								
<b>Next Action</b>	Staff will participate in the next subcommittee meeting, when scheduled.								

### Soft Infant and Toddler Carriers

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<b>Purpose</b>	To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with soft infant and toddler carriers.				
<b>Staff Contact</b>	Foster, Zachary				
<b>Voluntary Standard(s)</b>	<table border="1"> <thead> <tr> <th>Designation and current version</th><th>Title</th></tr> </thead> <tbody> <tr> <td>ASTM F2236-24</td><td><i>Standard Consumer Safety Specification for Soft Infant and Toddler Carriers</i></td></tr> </tbody> </table>	Designation and current version	Title	ASTM F2236-24	<i>Standard Consumer Safety Specification for Soft Infant and Toddler Carriers</i>
Designation and current version	Title				
ASTM F2236-24	<i>Standard Consumer Safety Specification for Soft Infant and Toddler Carriers</i>				
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.				
<b>Relevant Rule</b>	On November 20, 2024, the Commission published a final rule for 16 CFR part 1226 <i>Safety Standard for Soft Infant and Toddler Carriers</i> [89 FR 91545] with an effective date of February 22, 2025.				
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.21 subcommittee on soft infant and toddler carrier products (SITC). . During the reporting period, staff provided the subcommittee with data.				

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**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

<b>Communication(s)</b>	Date	Type	Summary
	10/31/2024	Data	Staff provided the subcommittee with a summary of the annual incident data related to SITCs for the period ending 6/17/2024.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will participate in the next ASTM subcommittee meeting, when scheduled.

## Stationary Activity Centers

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with stationary activity centers for children.

**Staff Contact** Gordon, Brad

<b>Voluntary Standard(s)</b>	Designation and current version	Title
	ASTM F2012-24	<i>Standard Consumer Safety Specification for Stationary Activity Centers</i>

**Standard(s) Update** In December 2024, ASTM published ASTM F2012-24 *Standard Consumer Safety Specification for Stationary Activity Centers*. The revision included updated warning label permanency testing, additional warning label examples, and editorial changes. ASTM notified the Commission of the revision on January 6, 2025.

**Relevant Rule** On March 27, 2025, the Commission published a final rule for 16 CFR part 1238, *Safety Standard for Stationary Activity Centers* [90 FR 13833] with an effective date of July 5, 2025.

**Activities Summary** Staff continues to work with the ASTM F15.17 subcommittee on stationary activity centers. During the reporting period, staff participated in a subcommittee meeting.

**Meeting(s)** Staff participated in a subcommittee meeting where editorial updates and a requirement for durability cycling were discussed.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will provide annual summary data to the subcommittee and participate in the next subcommittee meeting, when scheduled.

## Toddler Beds

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with toddler beds.

**Staff Contact** Taxier, Daniel

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F1821-19e1	<i>Standard Consumer Safety Specification for Toddler Beds</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1217, *Safety Standard for Toddler Beds*

**Activities Summary** Staff continues to work with the ASTM F15.18 subcommittee on toddler beds. During the reporting period, staff participated in subcommittee and task group meetings and provided the subcommittee with incident data.

**Meeting(s)** Staff participated in a subcommittee meeting where ballot results were discussed and staff raised a safety hazard with youth beds outside of the scope of the toddler bed standard. Staff also participated in a task group meeting to examine whether the subcommittee should undertake a new standard for youth beds.

<b>Communication(s)</b>	<b>Date</b>	<b>Type</b>	<b>Summary</b>
	2/24/2025	Data	Staff provided the subcommittee with a spreadsheet of incident data related to toddler beds for the period 11/1/2019 through 10/31/2024.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will participate in the next ASTM subcommittee meeting, when scheduled.



## Other Children's Products and Hazards

### Child-Resistant Packages (CRP)

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**Purpose** To maintain adequate safety levels addressing hazards associated with child-resistant packaging by monitoring developments that affect the federal mandatory standard, including working with ASTM on voluntary standards for package design and development.

**Staff Contact** Burns, Samantha

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM D3474-23	<i>Standard Practice for Calibration and Use of Torque Meters Used in Packaging Applications</i>
	ASTM D3475-20	<i>Standard Classification of Child-Resistant Packages</i>
	ASTM D7860 – 14 (2022)	<i>Standard Test Methods for Measurement of Torque Retention for Child Resistant and Non-Child Resistant Packages with Continuous Thread Closures Using Automated Torque Testing Equipment</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1700, *Poison Prevention Packaging*

**Activities Summary** Staff continues to work with the ASTM F02.25 subcommittee on rigid container closure systems.

**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in upcoming subcommittee meetings, when scheduled. Staff will review ballots, when issued.

## Infant Bathers

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**Purpose** To work with ASTM to ensure that the voluntary standard maintains adequate safety levels addressing hazards associated with infant bathers.

**Staff Contact** Komarov, Andrei

Voluntary Standard(s)	Designation and current version	Title
	ASTM F3343-20(2024)	Standard Consumer Safety Specification for Infant Bathers

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with the ASTM F15.20 subcommittee on infant bathing safety.

**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

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

## Infant Bedding

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**Purpose** To work with ASTM on revising the voluntary standard and developing new voluntary standards to strengthen safety provisions addressing hazards associated with infant bedding and related infant products.

**Staff Contact** Johnson, Ashley

Voluntary Standard(s)	Designation and current version	Title
	ASTM F1917-23	Standard Consumer Safety Specification for Infant Bedding and Related Accessories

WK 84613	Draft Standard Test Method for Firmness of Infant Products
WK 84614	Draft Standard Test Method for Airflow Resistance of Infant Products
WK 84615	Draft Measurement of Re-breathing in Infant Bedding Materials

**Standard(s)  
Update**

The voluntary standard was not updated during the reporting period. No draft standards in development were published during the reporting period.

**Relevant  
Rule**

16 CFR part 1309, *Ban of Crib Bumpers* [88 FR 54879]

**Activities  
Summary**

Staff continues to work with the ASTM F15.12 subcommittee on firmness and breathability for juvenile products. Staff participated in infant bedding subcommittee and task group meetings during the reporting period. In October 2024, the ASTM F15.19 ad hoc juvenile product firmness and breathability task group became subcommittee F15.12 firmness and breathability for juvenile products.

**Meeting(s)**

Staff participated in a subcommittee meeting to review ballot outcomes, including the new subcommittee designation, report the status of task groups, and discuss outcomes from a study that compared measurements from different firmness devices. Additionally, staff participated in multiple firmness and breathability task group meetings during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)**

Date Closed	Voluntary Standard	Summary and Results (If Applicable)
April 2025	WK 84613	Ballot F15.19(25-06), item 2, proposed a new standard test method for firmness of soft infant products. The ballot was still open at the end of the reporting period.

**Next Action**

Staff will review the ballot and participate in the next subcommittee and task group meetings, when scheduled.

## Infant Rockers

**Purpose**

To work with ASTM to ensure that the voluntary standard maintains adequate safety levels addressing hazards associated with infant rockers.

**Staff Contact** Foster, Zachary

**Voluntary Standard(s)**

Designation and current version	Title
ASTM F3084-25	<i>Standard Consumer Safety Specification for Infant and Infant/Toddler Rockers</i>

**Standard(s) Update**

In January 2025, ASTM published ASTM F3084-25, *Standard Consumer Safety Specification for Infant and Infant/Toddler Rockers*. This revision removes the tolerance for the cylindrical probe used for tethered strap or cord entrapment or entanglement testing. This revision makes the test consistent with the test used in the ASTM standard for Infant and Cradle Swings, where the test originated.

**Relevant Rule**

On October 26, 2023, the Commission published an NPR for a new regulation, 16 CFR part 1240, *Safety Standard for Infant and Infant/Toddler Rockers* [88 FR 73551]. On August 22, 2024, the Commission published a notice of availability and request for comment (NOA) for *Safety Standard for Infant and Infant/Toddler Rockers; Supplemental Information* [89 FR 67917]. Staff is drafting a final rule briefing package for Commission consideration.

**Activities Summary**

Staff continues to work with the ASTM F15.21 subcommittee on infant and infant/toddler rockers. During the reporting period, staff participated in a subcommittee meeting and reviewed balloted items. Additionally, staff continued work on a final rule briefing package for Commission consideration.

**Meeting(s)**

Staff participated in a subcommittee meeting where ballot items were discussed. Additionally, CPSC staff provided an overview of the data in the NOA and an update on the timeline for the FR.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)**

Date Closed	Voluntary Standard	Summary and Results (If Applicable)
October 2024	ASTM F3084	Ballot F15(24-18), item 7 proposed removing the tolerances on the neck cylinder. The item received one negative that was found nonpersuasive and passed.

**Next Action**

Staff will participate in the next ASTM subcommittee meeting, scheduled for April 2025. Staff is developing a final rule for Commission consideration.

## Toys

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**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with toys.

**Staff Contact** Mordecai, Benjamin

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F963-23	<i>Standard Consumer Safety Specification for Toy Safety</i>
	ASTM D8133-23	<i>Standard Test Method for Determination of Low-Level Phthalates in Poly(Vinyl Chloride) Plastics by Solvent Extraction-Gas Chromatography/Mass Spectrometry</i>
	ASTM F1313-90 (2011)	<i>Standard Specification for Volatile N-Nitrosamine Levels in Rubber Nipples on Pacifiers</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1250, *Safety Standard for Toys*

On August 13, 2024, the Commission published an NPR for *Safety Standard for Toys: Requirements for Toys Containing Button Cell or Coin Cell Batteries* [89 FR 65791].

On September 9, 2024, the Commission published an NPR for *Safety Standard for Toys: Requirements for Water Beads* [89 FR 73024].

On November 20, 2024, the Commission published an NPR for *Mandatory Toy Safety Standards: Requirements for Neck Floats* [89 FR 91586].

**Activities Summary** Staff continues to work with the ASTM F15.22 subcommittee on toy safety issues. During the reporting period, staff participated in subcommittee and task group meetings and provided multiple recommendations on safety improvements for F963 including requirements for water beads, neck floats, and toys containing button cell or coin batteries. Additionally, staff delivered an NPR on neck floats to the Commission and is developing three final rule briefing packages to cover water beads, neck floats, and button cell or coin battery issues under section 106 of the CPSIA.

Staff is working with the ASTM D20.70 subcommittee to review the status of several analytical methods. Staff is also working on a task group to revise and reinstate ASTM F1313 *Specification for Volatile N-Nitrosamine Levels in Rubber Nipples on Pacifiers*.

**Meeting(s)**

Staff attended ASTM F15.22 subcommittee meetings and task group meetings on battery accessibility, aquatic toys, nitrosamines, and magnets hazards.

Staff also attended an ASTM D20.70 subcommittee meeting on Analytical Methods to discuss the status of the ILS for ASTM D8133. In November 2024, the subcommittee met to review status and updates of various test methods. Some methods will be withdrawn due to the lack of Precision and Bias (P&B) data. It was also suggested that some methods be downgraded to a “test procedure”. Staff participated in an interlaboratory study (ILS) for ASTM D8133-23 in FY23. The purpose of the ILS is to determine the Precision and Bias statement for ASTM D8133-23 (both Methods A and B). The subcommittee met decided minor adjustments need to be made to the draft P&B statement prior to finalizing and balloting

Staff has been added to the task group to update ASTM F1313-90 (2011), *Standard Specification for Volatile N-Nitrosamine Levels in Rubber Nipples on Pacifiers*. Staff provided suggested revisions in a task group meeting.

**Communication(s)**

Date	Type	Summary
11/14/2024	Letter	Staff responded to subcommittee questions regarding a magnet incident provided to the subcommittee in a previous letter and included a testing protocol to improve precision.

**Ballot(s)**

There were no relevant ballots during the reporting period.

**Next Action**

Staff will participate in upcoming ASTM task group meetings and subcommittee meetings, when scheduled. Staff expects to deliver three final rule briefing packages for Commission consideration this fiscal year.

## Wearable Infant Blankets

**Purpose**

To work with ASTM to address hazards associated with wearable infant blankets and swaddles, some with weighted components, to mitigate hazards such as suffocation and strangulation.

**Staff Contact**

Taxier, Daniel

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM WK81176	New Standard Consumer Safety Specification for Wearable Blankets and Swaddles Intended for Use by Infants and Toddlers

**Standard(s) Update** The voluntary standard was under development during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continued working with ASTM to address unresolved negative votes on the draft standard associated with suffocation, strangulation, and other potential hazards associated with wearable blankets (sleep sacks), swaddles, modular products that alter functionality, and wearable products with weighted components used by infants and toddlers during sleep. During the reporting period, staff participated in several subcommittee and task group meetings, reviewed one ballot item, and provided a wearable blanket in-depth investigation report. Staff presented measurement data of products with swaddle bands which are potentially subject to the draft standard to better understand the range of designs to help inform the subcommittee of products on the market.

**Meeting(s)** Staff participated in multiple subcommittee and task group meetings to develop a draft standard for ballot. The meetings focused on scope, performance requirements, data, and warnings. Staff provided substantial support with data and performance requirements.

<b>Communication(s)</b>	<b>Date</b>	<b>Type</b>	<b>Summary</b>
	12/05/2024	Data	Staff provided the subcommittee with redacted IDIs associated with wearable infant blankets.
	1/28/2025	Data	Staff provided the subcommittee with redacted IDIs associated with wearable infant blankets.
	3/26/2025	Data	Staff provided measurement data on a selection of swaddle bands.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	October 2024	WK81176	Ballot F15(24-18), item 2, proposed the new standard. The ballot item received many

		negatives and comments. The item remained unresolved at the end of the reporting period.
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**Next Action** Staff will participate in the next ASTM subcommittee meeting, as well as any task group meetings, when scheduled.

### Weighted Blankets (Ages 3+)

**Purpose** To work with ASTM to establish a voluntary standard addressing hazards associated with weighted blankets intended for children weighing 30 lbs. (13.6 kg) or more and a minimum 3 years of age.

**Staff Contact** Wanna-Nakamura, Suad

Voluntary Standard(s)	Designation and current version	Title
	ASTM WK 72273	New Standard Consumer Safety Specification for Weighted Blankets

**Standard(s) Update** The voluntary standard was under development during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues working with the ASTM F15.74 subcommittee to develop a draft standard for weighted blankets for children weighing 30 lbs. (13.6 kg) or more and a minimum of 3 years of age.

**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Steps** Staff will participate in the next subcommittee meeting, scheduled May 2025.



## Emerging Technology

### Additive Manufacturing/3D Printing

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**Purpose** To work with ULSE, ASTM, and other SDOs to develop standards for Additive Manufacturing and 3D Printers to address the hazards associated with 3D printed products and the 3D printing process

**Staff Contact** Goldstein, Zachary

**Voluntary Standard(s)**

Designation and current version	Title
UL 2904, 1 <sup>st</sup> Edition	<i>Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to participate in working and task groups focused on addressing the potential health and safety implications of additive manufacturing.

**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will continue to participate in meetings to work on enhancements to the standards. Staff will also continue monitoring the ASTM F42 Committee on Additive manufacturing technologies.

### Artificial Intelligence (AI) and Internet of Things (IOT)

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**Purpose** To work with applicable SDOs to develop standards to address the safety hazards associated with the use of artificial intelligence and the internet of things in consumer products.

**Staff Contact** Lee, Simon

**Voluntary Standard(s)**

Designation and current version	Title
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UL 5500, 1 <sup>st</sup> Edition	<i>Remote Software Updates</i>
UL 2900-1, 1 <sup>st</sup> Edition	<i>Software Cybersecurity for Network Connectable Components of Healthcare and Wellness Systems</i>
ASTM F3463-24	<i>Standard Guide for Ensuring the Safety of Connected Consumer Products</i>
UL 4600, 3 <sup>rd</sup> Edition	<i>Standard for Safety for the Evaluation of Autonomous Products</i>

<b>Standard(s) Update</b>	The voluntary standards were not updated during the reporting period.
<b>Relevant Rule</b>	N/A
<b>Activities Summary</b>	CPSC staff continues to identify opportunities to improve the safety of consumer products that use artificial intelligence, the internet of things (connected products), and related technologies. During the reporting period, staff participated in ASTM F15.75 subcommittee and task group meetings. Staff also participated in ULSE TC 4600 and 2900 meetings.
<b>Meeting(s)</b>	Staff participated in ASTM F15.75 Connected Products subcommittee and task group meetings focused on AI/ML, cybersecurity, privacy, and interoperability. Staff attended a ULSE 4600 <i>Evaluation of Autonomous Products (Artificial Intelligence)</i> TC meeting where proposals and comments were discussed. Staff participated in a ULSE TC 2900-2-1 meeting to incorporate 2900-1 into 2900-2-1.
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no ballots during the reporting period.
<b>Next Action</b>	Staff plans to participate in the next ULSE TC 4600 and ASTM F15.75 meetings. Staff will continue to monitor and participate in other applicable voluntary standards, federal agency, industry, partner workshops and CPSC projects.

## Nanotechnology

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<b>Purpose</b>	To work with ASTM and ISO technical committees to develop and revise voluntary standards to strengthen safety provisions addressing hazards associated with nanotechnology.
<b>Staff Contact</b>	Matheson, Joanna

**Voluntary  
Standard(s)**

<b>Designation and current version</b>	<b>Title</b>
ASTM E3025-22	<i>Standard Guide for Tiered Approach to Detection and Characterization of Manufactured Silver Nanomaterials in Textiles</i>
ASTM E2525-22	<i>Standard Test Method for Evaluation of the Effect of Nanoparticulate Materials on the Formation of Mouse Granulocyte-Macrophage Colonies</i>
ASTM E3171-21a	<i>Standard Test Method for Determination of Total Silver in Textiles by ICP-OES or ICP-MS Analysis</i>
ASTM E3238-20	<i>Standard Test Method for Quantitative Measurement of the Chemoattractant Capacity of a Nanoparticulate Material in vitro</i>
ASTM WK60553	Potential new voluntary standard for evaluation of nanoparticulate material internalization by phagocytic cells in vitro
ASTM E3351-22	<i>Standard Test Method for Detection of Nitric Oxide Production In Vitro</i>
ISO/TS 13830:2013	<i>Nanotechnologies — Guidance on voluntary labelling for consumer products containing manufactured nano-objects</i>
ISO/TS 5387:2023	<i>Nanotechnologies — Lung burden mass measurement of nanomaterials for inhalation toxicity tests</i>
ISO/TS 24672:2023	<i>Nanotechnologies — Guidance on the measurement of nanoparticle number concentration.</i>

**Standard(s)  
Update**

The voluntary standards were not updated during the reporting period.

**Relevant  
Rule**

N/A

**Activities  
Summary**

Staff continues to work with ASTM and ISO on the safety of nanotechnology in consumer products. During the reporting period, staff participated in multiple ASTM and ISO meetings.

**Meeting(s)** Staff participated in the ISO/TC 229 nanotechnologies working group meetings to discuss current projects and potential new work item proposals. Staff also participated in US TAG to ISO/TC 229 meetings to discuss work going on in the ISO/TC 229 working groups, such as nanoparticle stability.

Staff participated in ASTM E56 committee meetings where topics such as nanoplastics, standards revisions, and gaps in expertise were discussed.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	February 2025	WK60553	Ballot E56(25-02), item 3, proposed the new standard. The ballot item received no negatives and passed.

**Next Action** Staff will participate in upcoming working group and subcommittee meetings.

### Service, Communication, Information, Education, and Entertainment (SCIEE) Robots

**Purpose** To work with ULSE to develop a new voluntary standard for SCIEE robots and related products.

**Staff Contact** Goldstein, Zachary

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ANSI/CAN/UL 3300	Service, Communication, Information, Education and Entertainment Robots - SCIEE Robots

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ULSE to revise the recent standard and began participating in ASTM F48 Committee on Exoskeletons and Exosuits. During the reporting period, staff joined and participated in ASTM F48 meetings.

**Meeting(s)** Staff participated in ASTM F48 meetings focused on exoskeleton and exosuit classification, functionality, and jurisdiction.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will continue to participate in STP and committee meetings, as scheduled.

## Wearable Technology

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**Purpose** To work with ULSE and any other SDOs to develop voluntary standards for wearable technologies to keep consumers safe.

**Staff Contact** Harsanyi, Stephen

Voluntary Standard(s)	Designation and current version	Title
	UL 8400 Edition 1	<i>Virtual Reality, Augmented Reality and Mixed Reality Technology Equipment</i>

**Standard(s) Update** In January 2025, ASTM published a revision of UL 8400 Edition 1 *Virtual Reality, Augmented Reality and Mixed Reality Technology Equipment*. The revision included requirements pertaining to user ages, functional safety, skin compatibility, biomechanical stress, safety and warning instructions, transmittance testing, and flicker testing. The revision also included updates to the scope of the standard, and it incorporated UL 4200A on button and coin cell batteries.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with the ULSE to improve the safety of wearable technology products. During the reporting period, staff participated in numerous task group and STP meetings.

**Meeting(s)** Staff is working to revise the second edition of UL 8400, by participating in regular, reoccurring STP and task group meetings. Staff advocated for a review of CPSC-provided data and recommended ways to improve the draft standard, including the sections on age requirements, biomechanical stress, biocompatibility, and safety and warning instructions, among others.

**Communication(s)** There were no formal communications during the reporting period.

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**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will continue to participate in task group and STP meetings and other efforts to improve the standard.

## Home Products and Hazards

### “15j Rules”

**Purpose** To work with standard developers to revise, as needed, voluntary standards deemed “15j rules” under the CPSA. Standards issued under section 15(j) of the CPSA must have readily observable safety characteristics that are adequately addressed in a voluntary standard and for which associated products substantially comply. If any of the requirements for a section 15(j) rule are not met, a product may be deemed a substantial product hazard under section 15(a)(2) of the CPSA. These products are not subject to CPSC testing and certification requirements.

**Staff Contact** Trotta, Andrew

Voluntary Standard(s)	Designation and current version	Title
	UL 588	<i>Standard for Safety for Seasonal and Holiday Decorative Products</i>
	UL 859	<i>Standard for Safety for Household Electric Personal Grooming Appliances</i>
	UL 1727	<i>Standard for Safety for Commercial Electric Personal Grooming Appliances</i>
	UL 817	<i>Standard for Cord Sets and Power-Supply Cords</i>
	<b>ASTM F1816-18(2024)</b>	<b><i>Standard Safety Specification for Drawstrings on Children's Upper Outerwear</i></b>

**Standard(s) Update** In November 2024, ASTM renewed ASTM F1816-18(2024) *Standard Safety Specification for Drawstrings on Children's Upper Outerwear*.

**Relevant Rule** The following versions of the standards are incorporated by reference in 16 CFR part 1120:

- ASTM F 1816-97, Standard Safety Specification for Drawstrings on Children's Upper Outerwear, approved June 10, 1997, published August 1998 (“ASTM F 1816-97”),
- UL 588, Standard for Safety for Seasonal and Holiday Decorative Products, 18th Edition, approved August 21, 2000 (“UL 588”), IBR approved for § 1120.3(c).

- UL 859, Standard for Safety for Household Electric Personal Grooming Appliances, 10th Edition, approved August 30, 2002, and revised through June 3, 2010 (“UL 859”), IBR approved for § 1120.3(a).
- UL 1727, Standard for Safety for Commercial Electric Personal Grooming Appliances, 4th Edition, approved March 25, 1999, and revised through June 25, 2010 (“UL 1727”), IBR approved for § 1120.3(a).
- UL 817, Standard for Cord Sets and Power-Supply Cords, 11th Edition, dated March 16, 2001, as revised through February 3, 2014 (“UL 817”), IBR approved for § 1120.3(d).

Note: Window coverings are in a separate entry in this section.

**Activities Summary**

Staff continues to work with ASTM and ULSE to monitor changes to the standards and revisions to address safety issues. During the reporting period, staff attended an ASTM F15.37 meeting and reviewed ballots.

**Meeting(s)**

Staff participated in an ASTM F15.37 subcommittee meeting on drawstrings where comments on the renewal ballot were discussed for potential future revisions to the standard, including clarifications on the definition of upper outerwear and an expansion of scope.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)**

Date closed	Voluntary Standard	Summary and Results (If Applicable)
October 2024	ASTM F1816	Ballot F15(24-18), item 22, proposed renewal of the standard. The ballot item received no negatives and passed.

**Next Action**

Staff will continue to participate in subcommittee and TC meetings, as scheduled. Staff will provide incident data to the ASTM 15.37 subcommittee.

## Adult Portable Bed Rails

**Purpose**

To work with ASTM to revise the voluntary standard, as needed, to address hazards associated with adult portable bed rails.

**Staff Contact**

Dayal, Vineed

**Voluntary Standard(s)**

Designation and current version	Title
ASTM F3186-24	Standard Specification for Adult Portable Bed Rails and Related Products

<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.
<b>Relevant Rule</b>	16 CFR part 1270, <i>Safety Standard for Adult Portable Bed Rails</i>
<b>Activities Summary</b>	Staff continued to work with the ASTM F15.70 subcommittee to improve the safety of adult portable bedrails.
<b>Meeting(s)</b>	No meetings related to relevant standards or topics took place during the reporting period.
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no relevant ballots during the reporting period.
<b>Next Action</b>	Staff will continue to participate in subcommittee meetings, as scheduled.

## Architectural Glazing

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<b>Purpose</b>	To work with the Glazing Industry Secretariat Committee (GISC) to revise the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with architectural glazing.					
<b>Staff Contact</b>	Goldstein, Zachary					
<b>Voluntary Standard(s)</b>	<table><tr><th>Designation and current version</th><th>Title</th></tr><tr><td>ANSI Z97.1-2015</td><td><i>American National Standard for Safety Glazing Materials Used in Building—Safety Performance Specifications and Methods of Test</i></td></tr></table>	Designation and current version	Title	ANSI Z97.1-2015	<i>American National Standard for Safety Glazing Materials Used in Building—Safety Performance Specifications and Methods of Test</i>	
Designation and current version	Title					
ANSI Z97.1-2015	<i>American National Standard for Safety Glazing Materials Used in Building—Safety Performance Specifications and Methods of Test</i>					
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.					
<b>Relevant Rule</b>	16 CFR part 1201, <i>Safety Standard for Architectural Glazing Materials</i>					
<b>Activities Summary</b>	Staff continues to work with GISC to monitor changes to the standard and revisions to address safety issues. During the reporting period, staff attended an ANSI Z97 meeting.					



**Meeting(s)** Staff attended an ANSI Z97 meeting to discuss comments submitted for potential revision to the standard and a future revised ballot.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	February 2025	ANSI Z97.1	Revision Ballot B24-100724.01 proposed clarification to testing instructions, classification changes, editorial updates, and changes to terminology. The revisions are expected to be reballoted.

**Next Action** Staff will continue to participate in subcommittee meetings, as scheduled.

### **Bath Tubs (Adult)**

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**Purpose** To work with ASTM to re-establish ASTM F462 or develop a new voluntary standard to address fall hazards associated with adult bath tubs and shower facilities, with particular focus on older consumers.

**Staff Contact** Gordon, Bradley

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F462-79(2007) (Withdrawn in 2016)	Consumer Safety Specification for Slip-Resistant Bathing Facilities

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with the ASTM F15.03 subcommittee to develop a new standard that addresses slip and fall hazards in bath tubs and shower surfaces. During the reporting period, staff participated in two subcommittee meetings. Additionally, CPSC initiated a contract with Arizona State University to conduct human slip studies in bathtubs.

**Meeting(s)** Staff participated in subcommittee meetings focused on updating the standard and provided updates on the ASU contract and expected outcomes from the study. The subcommittee also explored the idea of a standard for adhesive-backed bath mats.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in the next ASTM subcommittee meeting, when scheduled.

## Batteries, Fire (High-Energy Density)

**Purpose** To work with the various SDOs on revising battery, battery charger, and battery-powered product safety voluntary standards and support developing certification programs for batteries to address fire-related hazards, including overheating, thermal burns, fires, and explosions.

**Staff Contact** Kadiwala, Jay

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	UL 1642, 6 <sup>th</sup> Edition	<i>Standard for Safety for Lithium Batteries</i>
	UL 2272, 2 <sup>nd</sup> Edition	<i>Standard for Electrical Systems for Personal E-Mobility Devices</i>
	UL 2849, 1 <sup>st</sup> Edition	<i>Standard for Electrical Systems for e-Bikes</i>
	<b>UL 9540, 3<sup>rd</sup> Edition</b>	<b><i>Standard for Energy Storage Systems and Equipment</i></b>
	<b>UL 9540a, 5<sup>th</sup> Edition</b>	<b><i>Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems</i></b>
	<b>UL 2056, 1<sup>st</sup> Edition</b>	<b><i>Outline of Investigation for Safety of Lithium-ion Standard for Safety for Power Banks</i></b>
	UL 2054, 3 <sup>rd</sup> Edition	<i>Household and Commercial Batteries</i>
	UL 60086-4, 1 <sup>st</sup> Edition	<i>Standard for Safety of Primary Batteries, Part 4: Safety of Primary Batteries</i>
	UL 62133, 1 <sup>st</sup> Edition	<i>Secondary Cells and Batteries Containing Alkaline and Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made From Them, for Use in Portable Applications</i>
	<b>UL 62133-1, 1<sup>st</sup> Edition</b>	<b><i>Secondary Cells and Batteries Containing Alkaline and Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made From Them, for Use in Portable Applications, Part 1: Nickel Systems</i></b>
	UL 62133-2, 1 <sup>st</sup> Edition	<i>Secondary Cells and Batteries Containing Alkaline and Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells,</i>

	<i>and for Batteries Made From Them, for Use in Portable Applications, Part 2: Lithium Systems</i>
UL 2271, 3 <sup>rd</sup> Edition	<i>Batteries for Light Electric Vehicle (LEV) Applications</i>

**Standard(s)  
Update**

In October 2024, ULSE published the first edition of UL 2056 *Standard for Safety of Power Banks*.

In January 2025, ULSE published a revision to UL 62133-1, 1st Edition *Secondary Cells and Batteries Containing Alkaline and Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made From Them, for Use in Portable Applications, Part 1: Nickel Systems*. The revision included reaffirmation of UL 62133-1 as an American National Standard.

In March 2025, ULSE published a revision to UL 9540, 3rd Edition *Standard for Energy Storage Systems and Equipment*. The revision included the addition of a new Annex H to help clarify required manufacturer's installation instructions for residential energy storage systems.

In March 2025, ULSE published a revision to UL 9540a Fifth Edition *Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems*. The revision included various revisions throughout the standard for improving the test methods for properly evaluating thermal runaway propagation in residential energy storage systems.

**Relevant  
Rule**

N/A

Staff developed a draft NPR for *Electrical Systems for Micromobility Products* for Commission consideration.

**Activities  
Summary**

Staff continues to work with NEMA and ULSE on improving the overall safety of the battery powered products with primary focus on e-mobility devices, including e-bikes, and their battery chargers. During the reporting period, staff participated in meetings on battery safety.

**Meeting(s)**

Staff participated in ANSI C18 meetings to discuss fire-related battery issues and the draft NEMA *Recommended Practices Guide for Lithium Ion Cells and Batteries*, which was circulated for review and comment. Staff provided an update on agency activity and the task force for ANSI C18.2 , *Portable Rechargeable Cells and Batteries- Safety Standard*.

Staff participated in the new TC UL1487 to develop a new standard for Battery Containment Enclosures (BCEs). The TC decided to exclude

residential BCEs. Staff advocated for residential requirements but the TC was concerned having the requirements would provide consumers a false sense of security because residential installation differs from commercial installation.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in ULSE meetings, when scheduled. Staff will participate in the e-mobility device and e-bike working group to improve battery safety in those relevant standards. Staff will continue to collaborate on the NEMA Recommended Practices Guide for Lithium Ion Cells and Batteries.

### Batteries, Ingestion (Button)

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**Purpose** To work with the various SDOs to revise button and coin cell battery safety voluntary standards and end-product voluntary standards for products that use these button and coin cell batteries, to address accidental battery ingestions that can cause severe injury and death.

**Staff Contact** Taxier, Daniel

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	UL 4200A, 1 <sup>st</sup> Edition (2023)	<i>Standard for Safety for Products Incorporating Button Batteries or Coin Cell Batteries</i>
	UL 60065, 8 <sup>th</sup> Edition	<i>Standard for Audio, Video, and Similar Electronic Apparatus—Safety Requirements</i>
	ANSI C18.1M Part 2-2024	<i>American National Standard for Portable Primary Cells and Batteries with Aqueous Electrolyte - Safety Standard</i>
	ANSI C18.2M Part 2-2021	<i>American National Standard for Portable Rechargeable Cells and Batteries—Safety Standard</i>
	ANSI C18.3M Part 2-2024	<i>American National Standard for Portable Lithium Primary Cells and Batteries - Safety Standard</i>
	ANSI C18.4M-2017	<i>American National Standard for Portable Cells and Batteries- Environmental</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** 16 CFR part 1263, *Safety Standard for Button Cell or Coin Batteries and Consumer Products Containing Such Batteries.*

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On January 29, 2024, the Commission published a NOA for a *Petition Requesting Rulemaking To Amend the Requirement for a “Keep Out of Reach” Icon on Button Cell or Coin Battery Packaging* [89 FR 5438] with comments due March 29, 2024. Docket No. CPSC-2024-0004. On October 1, 2024, the Commission voted to deny the petition and directed the staff to draft a letter of denial to the Petitioner. On October 30, 2024, staff sent a letter of denial to the Petitioner.

On August 13, 2024, the Commission published an NPR for *Safety Standard for Toys: Requirements for Toys Containing Button Cell or Coin Cell Batteries* [89 FR 65791].

**Activities  
Summary**

During the reporting period, staff participated in ANSI C18 and ASTM 15.22 meetings on battery accessibility.

**Meeting(s)**

Staff participated in several NEMA/ANSI C18 meetings on ingestion requirements.

**Communication(s)**

Staff also participated in multiple ASTM F15.22 meetings on battery requirements in ASTM F963 (see the entry for *Toys*).  
There were no formal communications during the reporting period.

**Ballot(s)**

There were no ballots during the reporting period.

**Next Action**

Staff will continue participation in NEMA/ANSI C18 standards meetings and other related button and coin cell battery standards, including UL 4200A and ASTM F15.22, as needed. Staff will deliver a final rule briefing package for Commission consideration for battery requirements in toys.

## Candles and Candle Accessories

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**Purpose**

To work with the ASTM F15.45 subcommittee on revising the voluntary standards to strengthen safety provisions addressing hazards associated with candles and candle accessories.

**Staff Contact**

Ayers, Scott

**Voluntary  
Standard(s)**

Designation and current version	Title
ASTM F2417-24	<b><i>Standard Specification for Fire Safety for Candles</i></b>
ASTM F2601-18	<i>Standard Specification for Fire Safety for Candle Accessories</i>

ASTM F2058-07 (2014)	<i>Standard Specification for Candle Fire Safety Labeling</i>
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**Standard(s) Update** In October 2024, ASTM published a revision of ASTM F2417-24 *Standard Specification for Fire Safety for Candles*. The revision included new requirements for embedded items in filled candles and for filled candle containers.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with the ASTM F15.45 subcommittee on candle safety. During the reporting period, staff participated in task group meetings on data and recalls and reviewed a ballot.

**Meeting(s)** Staff participated in quarterly incident data teleconferences, discussing recent candle-related recalls and incidents found on SaferProducts.gov and from other sources, such as Canada or Europe.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	April 2025	ASTM F2417	Ballot F15(25-06), item 8, proposed test methods for candle containers. The ballot was still open at the end of the reporting period.

**Next Action** Staff will continue to participate in subcommittee meetings, quarterly incident data teleconferences, and task group meetings, as scheduled.

## Carbon Monoxide (CO) Alarms

**Purpose** To work with ULSE to ensure that the voluntary standard adequately addresses the safety hazards associated with CO alarms and effective notification of hazardous levels of CO.

**Staff Contact** Brookman, Matthew J.

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	UL 2034, 5 <sup>th</sup> Edition	<i>Single and Multiple Station Carbon Monoxide Alarms</i>
	UL 2075, 2 <sup>nd</sup> Edition	<i>Gas and Vapor Detectors and Sensors</i>

<b>Standard(s) Update</b>	The voluntary standard not up was not updated during the reporting period.
<b>Relevant Rule</b>	On December 18, 2024, the Commission received a petition requesting that the Commission promulgate a rule to establish a consumer product safety standard for carbon monoxide alarms. On March 14, 2025, the Commission voted to defer the petition and directed staff to work with ULSE. Staff was further directed to provide a report to the Commission on the progress and staff recommendations for next action by September 30, 2025.
<b>Activities Summary</b>	Staff continues to work with the technical committee to enhance the standard and maintain effective performance requirements for CO alarms. During the reporting period, staff participated in meetings focused on potential revisions to UL 2034 and UL 2075.
<b>Meeting(s)</b>	Staff participated in UL 2034 STP and TG meetings on petition proposals, CSA harmonization, displays, voice alarms, and markings. Staff also participated in UL 2075 STP and TG meetings on requirements for low-level CO monitoring devices.
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no ballots during the reporting period.
<b>Next Action</b>	Staff will participate in STP and TG meetings, as scheduled.

### Clothing Storage Units Tip Over

<b>Purpose</b>	To work with ASTM to revise the voluntary standards to strengthen their safety provisions addressing the hazards associated with furniture tip-over incidents.	
<b>Staff Contact</b>	Talcott, Kristen	
<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2057-23	<i>Standard Safety Specification for Clothing Storage Units</i>
	ASTM F3096-23	<i>Standard Performance Specification for Tipover Restraint(s) Used with Clothing Storage Unit(s)</i>
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.	
<b>Relevant Rule</b>	16 CFR part 1261, <i>Safety Standard for Clothing Storage Units</i>	



**Activities  
Summary**

Staff continues to work with the ASTM F15.42 subcommittee on furniture safety, especially regarding tip-over hazards. During the reporting period, staff participated in a subcommittee meeting and many task group meetings, reviewed proposals, and provided data.

**Meeting(s)**

Staff participated in multiple task group meetings related to the proposed changes to the ASTM F2057 and ASTM F3096 standards. Meetings included ASTM F2057 standard referencing and test apparatus and ASTM F3096 static and dynamic testing, materials interaction, and toggle bolts task groups in addition to a subcommittee meeting.

**Communication(s)**

Date	Type	Summary
10/23/2024	Data	Staff provided the material interaction task group with data redacted IDI involving an anti-tip strap failure.
10/31/2024	Data	Staff provided the task groups with seven IDIs related to anti-tip devices.

**Ballot(s)**

Date closed	Voluntary Standard	Summary and Results (If Applicable)
February 2025	ASTM F2057	Ballot F15.42(25-01), item 1, proposed test language clarification, editorial updates, and correcting illustration references. The item had not been resolved at the end of the reporting period.

**Next Action**

Staff will participate in upcoming subcommittee and task group meetings.

## Countertop Kitchen Appliances

**Purpose**

To work with ULSE to revise the voluntary standard to strengthen its safety provisions addressing hazards associated with countertop kitchen appliances.

**Staff Contact**

Trotta, Andrew

**Voluntary  
Standard(s)**

Designation and current version	Title
UL 136, 8th Edition	<i>Standard for Pressure Cookers</i>
UL 1026, 6 <sup>th</sup> Edition	<i>Standard for Safety for Electric Household Cooking and Food Serving Appliances</i>



**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ULSE to enhance the safety of countertop cooking appliances. During the reporting period, staff reviewed and submitted feedback on proposals related to UL 135, pressure cookers. Additionally, staff attended UL TC 1026 meetings.

**Meeting(s)** Staff attended multiple UL TC 1026 meetings related to emerging technology of wireless power transfer to cordless kitchen appliances.

**Communication(s)**

Date	Type	Summary
1/22/2025	CSDS	Staff provided comments on the most recent proposals for UL 136.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will participate in TC meetings, as scheduled, and review any additional proposals.

## Electric Heaters

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**Purpose** To work with ULSE to revise the voluntary standard to address fire deaths caused by portable electric heaters.

**Staff Contact** Lee, Arthur

**Voluntary Standard(s)**

Designation and current version	Title
UL 1278, 4 <sup>th</sup> Edition	Standard for Movable and Wall- or Ceiling-Hung Electric Room Heaters

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ULSE to improve the safety of electric heaters. During the reporting period, staff participated in regular working

group meetings to address electric heater fire hazards. Staff serves as the Chair for this WG.

**Meeting(s)** Staff chaired several WG meetings and presented multiple recommendations for increasing the safety of portable electric heaters. The group met frequently to develop or refine performance requirements and review comments on proposals.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	March 2025	UL 1278	The ballot proposed to address power cord connections, internal wiring connections, plastic flammability, and tip over. The item had not been resolved at the end of the reporting period.

**Next Action** CPSC staff will continue to chair and participate in working group meetings, as scheduled.

## Fire Extinguishing Technology

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**Purpose** To work with ULSE to revise the voluntary standard to address the safety and efficacy of various fire extinguishing technologies.

**Staff Contact** Nazare, Shonali

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	UL 711 8 <sup>th</sup> Edition	<i>Rating and Testing of Fire Extinguishers</i>
	ASTM F1989-05(2020)	<i>Standard Specification for Cooking Fire Suppression Blankets</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ULSE to improve the safety of consumer fire extinguishing products, such as aerosol fire extinguishers and fire blankets. During the reporting period, staff participated in a ULSE-convened meeting on non-conventional fire extinguishers.

**Meeting(s)** Staff participated in a two day, ULSE-led meeting on consumer-grade, non-conventional fire extinguishers, with the goal of exploring standards development opportunities for these products.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate upcoming meetings, as scheduled.

## Flammable Refrigerants

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**Purpose** To work with the various ULSE and ASHRAE standards work groups to revise the voluntary standards associated with consumer products that utilize flammable refrigerants (also known and marketed as “low global warming potential refrigerants”).

**Staff Contact** Ayers, Scott

Voluntary Standard(s)	Designation and current version	Title
	UL 60335-2-40/CSA C22.2 No. 60335-2-40, 4 <sup>th</sup> Edition	<i>Household and Similar Electrical Appliances - Safety - Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers</i>
	ASHRAE 15.2 – 2022	<i>Safety Standard for Refrigeration Systems in Residential Applications</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ULSE, CSA, and ASHRAE to improve the safety of flammable refrigerants. During the reporting period, staff participated in ULSE and ASHRAE meetings on flammable refrigerants.

**Meeting(s)** Staff participated in ASHRAE 15.2 and UL/CSA 60335-2-40 meetings reviewing potential changes and providing each committee with feedback on proposals.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in an ASHRAE 15.2 subcommittee and an UL/CSA 60335-2-40 working group meetings, as scheduled.

### Flooring (Slips, Trips, and Falls)

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**Purpose** To work with ASTM and NFSI on developing a new voluntary standard or revising the existing voluntary standard to reduce or prevent consumer slips, trips, and falls.

**Staff Contact** Gordon, Bradley

Voluntary Standard(s)	Designation and current version	Title
	ASTM F2508-23	Standard Practice for Validation, Calibration, and Certification of Walkway Tribometers Using Reference Surfaces

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** On January 22, 2024, the Commission published a NOA for a *Petition Requesting Rulemaking To Mandate Testing and Labeling Regarding Slip Resistance of Flooring, Floor Coatings and Treatments, Floor Cleaning Agents, and Footwear* [89 FR 3914].

**Activities Summary** Staff continues to work with ASTM F13.10 subcommittee to establish better characterization of trip, slip, and fall hazards associated with flooring. During the reporting period, staff attended a F13 committee meeting.

**Meeting(s)** Staff attended a F13 committee meeting that provided updates on subcommittee activities. Staff also attended an outreach subcommittee meeting.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will participate in upcoming meetings, as scheduled.

### Furniture Tip-over

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**Purpose** To work with BIFMA to revise the voluntary standards to address tip-over hazards with bookcases and other similar storage furniture.

**Staff Contact** Howie, Adam

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<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ANSI/BIFMA X5.9	<i>Storage Units</i>
<b>Standard(s) Update</b>	The voluntary standards were not updated during the reporting period.	
<b>Relevant Rule</b>	N/A	
<b>Activities Summary</b>	Staff continues to work with BIFMA to address furniture tip-over hazards. During the reporting period, staff participated in two BIFMA X5 technical committee meetings.	
<b>Meeting(s)</b>	Staff participated in two BIFMA X5 technical committee meetings on various home and office furniture standards, including stability.	
<b>Communication(s)</b>	There were no formal communications during the reporting period.	
<b>Ballot(s)</b>	There were no ballots during the reporting period	
<b>Next Action</b>	Staff will participate in BIFMA X5 meetings, as scheduled. Staff plans to provide the committee with incident data associated with bookcase tip-overs.	

## Garage Door Operators

<b>Purpose</b>	To work with ULSE to revise the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with residential garage door operators.	
<b>Staff Contact</b>	Kadiwala, Jay	
<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ANSI/CAN/UL 325:2023	<i>Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems</i>
<b>Standard(s) Update</b>	The voluntary standards were not updated during the reporting period.	
<b>Relevant Rule</b>	16 CFR part 1211 <i>Safety Standard for Automatic Residential Garage Door Operators</i>	

**Activities Summary**

Staff continues to monitor the activities of the technical committee and subcommittees for any developments related to CO safety. During the reporting period, staff participated in an ANSI/CAN/UL 325 meeting.

**Meeting(s)**

There were no ULSE meetings on this standard during the reporting period. Staff had a meeting with UL Solutions stakeholders for a detailed explanation of a UL Solutions comment on removing a requirement for correction operation of the secondary entrapment protection device.

**Communication(s)**

There were no formal communications during the reporting period.

**Ballot(s)**

Date closed	Voluntary Standard	Summary and Results (If Applicable)
TBD	ANSI/CAN/UL 325	The ballot proposed the addition of requirements for battery powered applications and the removal of a correct operation requirement for the secondary entrapment protection. Staff expects the ballot to close before the end of FY 25.

**Next Action**

Staff will continue to engage with ULSE and any other SDOs interested in residential garage door operators. Additionally, if ULSE publishes a standard, staff will work on a briefing package for Commission consideration to determine if the standard revisions meet the purposes of the Consumer Product Safety Improvement Act.

## Gas Appliances, CO Sensors

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**Purpose**

To work with technical committees on revising the voluntary standards to strengthen safety provisions addressing hazards associated with CO poisoning risks due to failure modes such as disconnected vents and partially blocked vents.

**Staff Contact**

Jordan, Ronald

**Voluntary Standard(s)**

Designation and current version	Title
ANSI Z21.47-2016/ CSA 2.3-2016	<i>Gas-Fired Central Furnaces</i>
ANSI Z21.13-2022/ CSA 4.9-2022	<i>Gas-Fired Low Pressure Steam and Hot Water Boilers</i>
ANSI Z21.86-2016/ CSA 2.32-2016	<i>Vented Gas-Fired Space Heating Appliances</i>

**Standard(s)**

The voluntary standards were not updated during the reporting period.

## Update

<b>Relevant Rule</b>	On October 25, 2023, the Commission published an NPR for a <i>Safety Standard for Residential Gas Furnaces and Boilers</i> [88 FR 73272]. The Commission hosted an opportunity for oral presentations on February 21, 2024 [89 FR 8583].
<b>Activities Summary</b>	Staff continues to work with the technical committee and subcommittees for improvements to CO safety. During the reporting period, staff participated in multiple CSA Z21 technical subcommittee meetings.
<b>Meeting(s)</b>	Staff participated in multiple CSA Joint Technical Sub-Committee meeting on <i>Standards for Gas-fired Central Furnaces</i> to discuss changes to Z21.47 to include CO sensors in appliances. Staff also participated in several Z21.13 Standard for Gas-fired Low-Pressure Steam and Hot Water Boiler meetings, advocating for a proposal to mount CO alarms on these appliances.
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no ballots during the reporting period
<b>Next Action</b>	Staff will continue to engage with CSA and any other SDOs interested in gas appliance safety and CO sensors. Staff will continue work on a NOA to publish data relied on for the NPR.

## Indoor Air Quality

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<b>Purpose</b>	To work with SDOs and other stakeholders to develop and maintain voluntary standards that address hazards associated with indoor air quality. ASTM D22.05's indoor air subcommittee creates and updates standards on indoor air and indoor environments related to many different sources (e.g., chemicals, materials, products used indoors).
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**Staff Contact** Bevington, Charles

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM D8142-17e1	<i>Standard Test Method for Determining Chemical Emissions from Spray Polyurethane Foam (SPF) Insulation using Micro-Scale Environmental Test Chambers</i>
	ASTM D8141-22	<i>Standard Guide for Selecting Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs) Emission Testing Methods to</i>

	<i>Determine Emission Parameters for Modeling of Indoor Environments</i>
ASTM D5438-23	<i>Standard Practice for Collection of Floor Dust for Chemical Analysis</i>
ASTM D8445-22a	<i>Standard Practice for Measuring Chemical Emissions from Spray Polyurethane Foam (SPF) Insulation Samples in a Large-scale Ventilated Enclosure</i>
ASTM D6669-19	<i>Standard Practice for Selecting and Constructing Exposure Scenarios for Assessment of Exposures to Alkyd and Latex Interior Paints</i>
ASTM D8560-24	<i>Standard Guide for Determination of Airborne PFAS in the Indoor Air Environment</i>
ASHRAE 62.2-2022	<i>Ventilation and Acceptable Indoor Air Quality in Residential Buildings</i>

<b>Standard(s) Update</b>	The voluntary standards were not updated during the reporting period.
<b>Relevant Rule</b>	N/A
<b>Activities Summary</b>	Staff continues to work with the ASTM D22.05 subcommittee and CSA on standards related to measuring and modeling chemicals in the indoor environment. During the reporting period, staff participated in ASTM meetings.
<b>Meeting(s)</b>	Staff participated in a subcommittee meeting of ASTM D22.05 on indoor air quality.
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no ballots during the reporting period.
<b>Next Action</b>	Staff will continue to participate in ASTM meetings to develop and review standards related to IAQ and consumer products.

## Lighters

<b>Purpose</b>	To work with ASTM on revising or developing voluntary standards to strengthen provisions addressing hazards associated with lighters.
<b>Staff Contact</b>	Ayers, Scott



<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F400-20(2024)	<b><i>Standard Consumer Safety Specification for Lighters</i></b>
	ASTM F2201-20	<i>Standard Consumer Safety Specification for Utility Lighters</i>
	ASTM WK	Potential new standard for rechargeable utility lighters

**Standard(s) Update** In November 2024, ASTM published ASTM F400-20(2024) *Standard Consumer Safety Specification for Lighters*, a renewal of the standard.

**Relevant Rule** 16 CFR part 1210, *Safety Standard for Cigarette Lighters*  
16 CFR part 1212, *Safety Standard for Multi-purpose Lighters*

**Activities Summary** Staff continues to work with the ASTM F15.02 subcommittee on lighter safety issues.

**Meeting(s)** Voluntary standards meetings related to this topic did not take place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	October 2024	ASTM F400	The ballot proposed a renewal of the standard. The item passed.

**Next Action** Staff will participate in upcoming subcommittee and task group meetings, as scheduled.

## Liquid Laundry Packets

**Purpose** To work with ASTM on revising the voluntary standard to strengthen its safety provisions addressing hazards associated with liquid laundry detergent packets.

**Staff Contact** Hurley, Jill

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F3159-15(2022)	<i>Standard Safety Specification for Liquid Laundry Packets</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

<b>Relevant Rule</b>	N/A
<b>Activities Summary</b>	Staff continues to work with the ASTM F15.71 subcommittee on liquid laundry packet safety issues.
<b>Meeting(s)</b>	Voluntary standards meetings related to this topic did not take place during the reporting period.
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no ballots during the reporting period.
<b>Next Action</b>	Staff will participate in upcoming subcommittee and task group meetings, as scheduled.

## LP Gas Appliances

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**Purpose** To work with CSA, NFPA, and other stakeholders to revise the voluntary standards to strengthen safety provisions and to ensure that the voluntary standards address hazards associated with LP-gas appliances, such as gas grills and fire pits.

**Staff Contact** Kim, Yeon Seok

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ANSI Z21.97-2017 (R2022)/ CSA 2.41-2017 (R2022)	<i>Outdoor Decorative Gas Appliances</i>
	CSA/ANSI Z21.58-22 /CSA 1.6-2022	<i>Outdoor Cooking Gas Appliances</i>
	ANSI Z21.89-2017 / CSA 1.18-2017	<i>Outdoor Specialty Gas Cooking Appliances</i>
	NFPA 58, 2024 Edition	<i>Liquefied Petroleum Gas Code</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** During the reporting period, staff attended several CSA technical subcommittee meetings.

**Meeting(s)** Staff participated in TSC meetings for decorative gas appliances.

**Communication(s)** There were no formal communications during the reporting period

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in upcoming CSA TSC meetings, when scheduled.

## Mowers

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**Purpose** To work with OPEI to revise their voluntary standards to address hazards associated with walk-behind and riding power lawn mowers.

**Staff Contact** DeGrano, Frederick

Voluntary Standard(s)	Designation and current version	Title
	ANSI/OPEI B71.1-2017	<i>Standard for Consumer Turf Care Equipment – Pedestrian-Controlled Mower and Ride-On Mowers – Safety Specification</i>
	ANSI/OPEI 60335-2-107-2020	<i>Particular Requirements for Robotic Battery Powered Electrical Lawnmowers</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** 16 CFR part 1205, *Safety Standard for Walk-Behind Power Lawn Mowers*

**Activities Summary** Staff continues to work with the OPEI B71.1 committee on rollover and runover/backover hazards relating to residential riding lawn mowers.

**Meeting(s)** Voluntary standards meetings related to this topic did not take place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will meet with the OPEI B71.1 committee, as scheduled and provide a letter with incident data and analysis.

## Portable Fuel Containers

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**Purpose** To work with ASTM and ULSE to revise or develop fire safety requirements for flame mitigation devices and other fire safety features in various types of portable fuel containers and to work with ASTM on revising the voluntary

standard for child resistance of these products to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing hazards associated with the poisoning of children from gasoline from portable fuel containers

**Staff Contact** Ayers, Scott

**Voluntary Standard(s)**

Designation and current version	Title
ASTM F3429 / ASTM F3429M-24	<i>Standard Specification for Performance of Flame Mitigation Devices Installed in Disposable and Pre-Filled Flammable Liquid Containers</i>
ASTM F3326-21	<i>Standard Specification for Flame Mitigation Devices on Portable Fuel Containers</i>
<b>ANSI/CAN/UL/ULC 30 10<sup>th</sup> Edition</b>	<b><i>Standard for Safety Metallic and Nonmetallic Safety Cans for Flammable and Combustible Liquids</i></b>
NFPA 30, 2021 Edition	<i>Flammable and Combustible Liquids Code</i>
ASTM F2517-22e1	<i>Standard Specification for Determination of Child Resistance of Portable Fuel Containers for Consumer Use</i>

**Standard(s) Update**

In March 2025, ULSE published an addendum to UL 30 10<sup>th</sup> Edition *Metallic and Nonmetallic Safety Cans for Flammable and Combustible Liquids*. The addendum revised the standard's required French warning statements to match the English statements.

**Relevant Rule**

16 CFR part 1461, *Portable Fuel Container Safety Act Regulation*.  
16 CFR part 1460, *Children's Gasoline Burn Prevention Act Regulation*.

**Activities Summary**

Staff continues to work with SDOs to make portable fuel containers safer.

**Meeting(s)**

Staff participated in a UL 30 meeting discussing a proposed change that could indirectly affect the flame mitigation device performance tests by altering the "valve" and "flame arrestor" definitions.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will continue to work with the committee, subcommittees, and task groups, as scheduled.

## Portable Generators

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**Purpose** To work with ULSE and PGMA to revise the voluntary standards to strengthen safety provisions addressing hazards associated with portable generator CO deaths and injuries.

**Staff Contact** Buyer, Janet

Voluntary Standard(s)	Designation and current version	Title
	ANSI/PGMA G300-2023	<i>Safety and Performance of Portable Generators</i>
	UL 2201, 2 <sup>nd</sup> Edition	<i>Carbon Monoxide (CO) Emission Rate of Portable Generators</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** On April 20, 2023, the Commission published a Supplemental NPR (SNPR) for a *Safety Standard for Portable Generators* [88 FR 24346].

**Activities Summary** Staff continues to work with ULSE and PGMA on CO hazard mitigation requirements in UL 2201 and PGMA G300. During the reporting period, staff made recommendations to PGMA for G300-2023 to address fuel leaks in generators, which present fire and burn hazards.

**Meeting(s)** Voluntary standards meetings related to this topic did not take place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff plans to send a letter to PGMA with recommendations on tamper resistance requirements of the CO shutoff system in G300. Staff will review any revisions to G300-2023 based on staff's recommendations. Staff will participate in any upcoming meetings and share data, as needed. Staff will continue work on a NOA to publish data relied on in the rulemaking, as well as a final rule briefing package for Commission consideration.

## Products That Affect Wildfire

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**Purpose** To work with ASTM and other stakeholders to develop and revise voluntary standards that address the fire safety of products within the defensible zone of homes in wildland urban interface (WUI) areas.

**Staff Contact** Nazare, Shonali

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM E 2886	<i>Standard Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff is working with ASTM to initiate and improve standards related to WUI fire hazards.

**Meeting(s)** Voluntary standards meetings related to this topic did not take place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff plans to attend ASTM E05 Committee meeting in June to start work on a proposed new activity on consumer products and WUI fire hazards.

### Ranges (Gas and Electric)

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**Purpose** To work with the CSA TSC and other stakeholders to revise the voluntary standard to strengthen its provisions for safety.

**Staff Contact** Ayers, Scott

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	CSA/ANSI Z21.1-2024/ CSA 1.1-2024	<i>Household Cooking Gas Appliances</i>
	UL 858 16 <sup>th</sup> Edition	<i>Household Electric Ranges</i>

<b>Standard(s) Update</b>	The voluntary standards were not updated during the reporting period.								
<b>Relevant Rule</b>	N/A								
<b>Activities Summary</b>	During the reporting period, staff participated in meetings related to range knobs and provided the working group with incident data.								
<b>Meeting(s)</b>	Staff participated in multiple independent and joint working group meetings to discuss the issue of house fires started by range knobs accidentally turned on and to potentially recommend changes to the electric (UL 858) and gas (CSA/ANSI Z21.1) range standards.								
<b>Communication(s)</b>	<table><tr><th>Date</th><th>Type</th><th>Summary</th></tr><tr><td>11/21/2024</td><td>Data</td><td>Staff provided the working group with incident data related to accidental range knob activation for the period 1/1/2017 to 7/19/2024.</td></tr></table>	Date	Type	Summary	11/21/2024	Data	Staff provided the working group with incident data related to accidental range knob activation for the period 1/1/2017 to 7/19/2024.		
Date	Type	Summary							
11/21/2024	Data	Staff provided the working group with incident data related to accidental range knob activation for the period 1/1/2017 to 7/19/2024.							
<b>Ballot(s)</b>	There were no ballots during the reporting period.								
<b>Next Action</b>	Staff will participate in the range knob meeting, when scheduled.								

## Recliners and Other Motion Furniture

<b>Purpose</b>	To work with ASTM to address entrapment and crushing hazards associated with home recliners and similar products.				
<b>Staff Contact</b>	Nesteruk, Hope				
<b>Voluntary Standard(s)</b>	<table border="1"> <thead> <tr> <th>Designation and current version</th><th>Title</th></tr> </thead> <tbody> <tr> <td>WK87355</td><td>A new safety standard for recliners</td></tr> </tbody> </table>	Designation and current version	Title	WK87355	A new safety standard for recliners
Designation and current version	Title				
WK87355	A new safety standard for recliners				
<b>Standard(s) Update</b>	The voluntary standard was not updated during the reporting period.				
<b>Relevant Rule</b>	16 CFR Part 1640, <i>Standard for the Flammability of Upholstered Furniture</i>				
<b>Activities Summary</b>	Staff will work with ASTM to develop standards to address mechanical hazards related to recliners. During the reporting period, staff participated in a subcommittee meeting and shared data with the subcommittee.				

**Meeting(s)** Staff participated in an ASTM 15.42 subcommittee meeting where the entrapment task group gave an update and CPSC provided a summary of the provided IDIs.

Communication(s)	Date	Type	Summary
	10/16/2024	Data	Staff provided the subcommittee with motion furniture IDIs.
	10/24/2025	Data	Staff provided the subcommittee with motion furniture IDIs

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will continue to participate in subcommittee and task group meetings, when scheduled.

## Smoke Alarms

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**Purpose** To work with ULSE, NFPA, and other stakeholders on potential revisions to voluntary standards and codes to strengthen safety provisions addressing the use of smoke alarms to mitigate hazards.

**Staff Contact** Lee, Arthur

Voluntary Standard(s)	Designation and current version	Title
	UL 217, 10th Edition	<b>Standard for Single and Multiple Station Smoke Alarms</b>
	NFPA 72, 2025 Edition	<b>National Fire Alarm and Signaling Code®</b>

**Standard(s) Update** In October 2024, NFPA published the 2025 edition of NFPA 72. The revision included removing the self-identification for persons with hearing loss to provide notice of their condition to facilities or installers and a requirement for low frequency smoke alarms in all areas within homes.

In November 2024, ULSE published the tenth edition of UL 217 *Standard for Single and Multiple Station Smoke Alarms*. The revision included definition updates, primary and secondary power supplies, performance tests that align with current practices, markings for commercial vehicles, and updated references.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ULSE and NFPA to improve efficacy of smoke alarms.



**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will continue participating in meetings, as scheduled.

## Torch Fuel and Lamp Fuel

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**Purpose** To work with ASTM on the development of voluntary standards addressing the hazards associated with the color and design of torch and lamp fuel packaging, the color and odor of torch and lamp fuel, and the use and design of devices principally intended to house torch and lamp fuel.

**Staff Contact** White, Sharon

Voluntary Standard(s)	Designation and current version	Title
	ASTM F3304-22	<i>Standard Specification for Lamp Fuel and Torch Fuel Packaging</i>
	WK 83678	Potential New Standard for Lamp Fuel and Torch Fuel Devices

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** Petition PP 11-1 requesting rulemaking for non-see-through packaging for torch fuel and lamp fuel. The Commission directed staff to work with a standards organization.

**Activities Summary** Staff continues to work with the ASTM F15.72 subcommittee to improve the safety of lamp and torch fuel. During the reporting period, staff participated in subcommittee and task group meetings.

**Meeting(s)** Staff participated in subcommittee and task group meetings to develop a new standard to address the hazards associated with the use and design of devices intended to house torch and lamp fuel. Topics include oil lamps, torches, and oil candles and labeling, performance, test requirements associated with each.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** ASTM is expected to ballot the new standard during the next reporting period. Staff plans to attend upcoming task group meetings, when scheduled.

## Washing Machines

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**Purpose** To work with ULSE to revise the voluntary standard to strengthen its safety provisions addressing hazards associated with an unbalanced load condition of top-loading washing machines.

**Staff Contact** Kim, Yeon Seok

Voluntary Standard(s)	Designation and current version	Title
	UL 2157, 5th Edition	<i>Electric Clothes Washing Machines and Extractors</i>

**Standard(s) Update** In October 2024, ULSE published the fifth edition of UL 2157 *Electric Clothes Washing Machines and Extractors*. The revision included editorial changes including renumbering and reformatting to align with current style.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ULSE to improve the safety of washing machines.

**Meeting(s)** No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff plans to attend upcoming task group meetings, when scheduled.

## Window Coverings

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**Purpose** To work with WCMA to revise the voluntary standard to strengthen its safety provisions addressing hazards associated with window covering cords.

**Staff Contact** Balci-Sinha, Rana

**Voluntary Standard(s)**

Designation and current version	Title
ANSI/WCMA A100.1-2022	<i>Standard for Safety of Corded Window Covering Products</i>

**Standard(s) Update**

The voluntary standard was not updated during the reporting period.

**Relevant Rule**

On November 28, 2022, the Commission published the final rule 16 CFR part 1120, *Substantial Product Hazard List: Window Covering Cords* [87 FR 72873], which addresses hazardous operating cords on stock window coverings, the presence of hazardous inner cords on stock and custom window coverings, and the absence of a manufacturer label on stock and custom window coverings with an effective date of December 28, 2022. Also on November 28, the final rule for 16 CFR part 1260, *Safety Standard for Operating Cords on Custom Window Coverings*, was published in the Federal Register (87 FR 73144) with an effective date of May 30, 2023.

On September 12, 2023, United States Court of Appeals for the District of Columbia Circuit vacated the *Safety Standard for Operating Cords on Custom Window Coverings* final rule and remanded to the Commission for further proceedings.

Staff began developing a draft NPR in response to the Court's findings for Commission consideration.

**Activities Summary**

Staff continues to work with WCMA on window covering safety issues.

**Meeting(s)**

No meetings related to relevant standards or topics took place during the reporting period.

**Communication(s)  
Ballot(s)**

There were no formal communications during the reporting period.

There were no relevant ballots during the reporting period.

**Next Action**

Staff will participate in upcoming committee meetings, when scheduled and send a letter with incident data. Staff will prepare a rulemaking proposal for Commission consideration as stated in the Commission's FY25 Operating Plan.

## Recreation

### ATVs (All-Terrain Vehicles)

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**Purpose** To work with SVIA to revise the voluntary standard to strengthen its safety provisions and to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels to reduce fire, stability, and occupant protection hazards associated with ATVs.

**Staff Contact**  
**Voluntary**  
**Standard(s)**

Lim, Han

Designation and current version	Title
ANSI/SVIA 1-2023	<i>American National Standard for Four Wheel All-Terrain Vehicles (ATVs)</i>

**Standard(s)**  
**Update**

The voluntary standard was not updated during the reporting period.

**Relevant**  
**Rule**

16 CFR part 1420, *Standard for All-Terrain Vehicles*

On May 11, 2021, the Commission published an ANPR *Off-Highway Vehicle (OHV) Fire and Debris-Penetration Hazards; Advance Notice of Proposed Rulemaking; Request for Comments and Information* (86 FR 25817) to address the risk of injury from ATV, ROV and UTV fires and debris-penetration hazards associated with ROVs and UTVs.

**Activities**  
**Summary**

Staff continues to work with SVIA to develop possible performance standard requirements to address fire, tip-over, and collision hazards. During the reporting period, CPSC staff participated in a voluntary standards meeting with SVIA.

**Meeting(s)**

CPSC staff met with SVIA to discuss ATV rollover hazards. Staff presented incident and testing data and advocated for SVIA to consider ATV stability control or occupant protection devices.

CPSC staff continued participation in voluntary standards meetings with members of the Society of Automotive Engineers (SAE) J350 committee to explore revisions to the spark arrester test procedure of J350 that is referenced in the US Forest Service FS 5100 standard. ATVs are required to meet the requirements of FS 5100.

Communication(s) There were no formal communications during the reporting period.

Ballot(s) There were no relevant ballots during the reporting period.

**Next Action**

Staff will continue collaborating with SVIA to address fire, collision and stability hazards associated with ATVs.

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## Bicycles

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**Purpose** To work with ASTM to develop new or revised ASTM voluntary standards to reduce or eliminate hazards associated with bicycles and bicycle components.

**Staff Contact** Mella, Lawrence

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2793-14(2023)	<i>Standard Specification for Bicycle Grips</i>
	<b>ASTM F2273-11(2024)</b>	<b><i>Standard Test Methods for Bicycle Forks</i></b>
	<b>ASTM F2274-11(2024)</b>	<b><i>Standard Specification for Condition 3 Bicycle Forks</i></b>
	<b>ASTM F2899-11(2024)</b>	<b><i>Standard Specification for Condition 1 Bicycle Forks</i></b>
	<b>ASTM F3642-24</b>	<b><i>Standard Specification for Front-Mounted Bicycle Child Carriers (9 kg – 15 kg)</i></b>

**Standard(s) Update** In December 2024, ASTM published renewals of ASTM F2273-11(2024) *Standard Test Methods for Bicycle Forks*, ASTM F2274-11(2024) *Standard Specification for Condition 3 Bicycle Forks*, and ASTM F2899-11(2024) *Standard Specification for Condition 1 Bicycle Forks*.

In December 2024, ASTM published ASTM F3642-24 *Standard Specification for Front-Mounted Bicycle Child Carriers (9 kg – 15 kg)*. The revision included alignment and updates to content based on other standards, and the removal of duplicate warning labels.

**Relevant Rule** 16 CFR part 1512 *Requirements for Bicycles*

On March 15, 2024, the Commission published an ANPR for Electric Bicycles [89 FR 18861].

**Activities Summary** Staff continues to work with the subcommittee on issues related to bicycles. During the reporting period, staff participated in a F08.10 subcommittee meeting and reviewed a ballot.

**Meeting(s)** Staff attended the ASTM F08.10 Bicycles subcommittee meetings, where a negative on the bicycle grip standard ballot was discussed.

<b>Communication(s)</b>	<b>Date</b>	<b>Type</b>	<b>Summary</b>
	October 20, 2023	Letter	Staff provided supportive comments for ASTM Ballot F08 (23-04) item 2.

**Ballot(s)**

<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
October 2024	ASTM F2273	Ballot F08(24-05), item 1, proposed renewal of the standard. The item received no negatives and passed.
October 2024	ASTM F2274	Ballot F08(24-05), item 2, proposed renewal of the standard. The item received no negatives and passed.
October 2024	ASTM F2899	Ballot F08(24-05), item 3, proposed renewal of the standard. The item received no negatives and passed.
October 2024	ASTM F3642	Ballot F08(24-05), item 7, proposed updated references to related standards and other editorial changes. The item received no negatives and passed.

**Next Action**

Staff will participate in upcoming subcommittee meetings, as scheduled, and plans to provide the subcommittee with a redacted IDI for a recent incident. Additionally, staff will prepare a draft NPR for e-bikes for Commission consideration.

**Fireworks**

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**Purpose**

To work with AFSL and APA on revising the voluntary standards to strengthen safety provisions addressing hazards associated with consumer fireworks.

**Staff Contact**

Herdman, Jennifer

**Voluntary Standard(s)**

<b>Designation and current version</b>	<b>Title</b>
APA 87-1A, 2018 Version	<i>Standard for Construction, Classification, Approval, and Transportation of Consumer Fireworks</i>
AFSL 101 – 115, February 2022	<i>AFSL Standards for Consumer Fireworks</i>

**Standard(s) Update**

The voluntary standards were not updated during the reporting period.

**Relevant Rule**

16 CFR § 1500.17, *Banned Hazardous Substances*  
16 CFR part 1507, *Firework Devices*

**Activities Summary**

Staff continued to work with APA and AFSL on fireworks issues.

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Meeting(s) No meetings related to relevant standards or topics took place during the reporting period.

Communication(s) There were no formal communications during the reporting period.

Ballot(s) There were no relevant ballots during the reporting period.

**Next Action** Staff will participate in upcoming APA and AFSL standards committee meetings, as scheduled.

## Grill Brushes

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**Purpose** To work with CSA and ASTM to revise the existing or establish a new voluntary standard to adequately address the hazard associated with ingestion of grill brush bristles.

**Staff Contact** Stewart, Daniel

Voluntary Standard(s)	Designation and current version	Title
	CSA Z630:19	<i>Barbecue grill brushes</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continued to work with ASTM F15 to explore a potential new grill brush safety standard. During the reporting period, staff participated in an ASTM F15.04 subcommittee meeting. Additionally, staff performed testing of grill brushes on the market.

Meeting(s) Staff participated in an ASTM F15.04 subcommittee meeting where scope and need for the standard was discussed. Staff volunteered to perform testing on grill brushes on the market to better understand compliance with the CSA standard.

Communication(s) There were no formal communications during the reporting period.

Ballot(s) There were no relevant ballots during the reporting period.

**Next Action** Staff is performing product testing and will work with the subcommittee on developing any future revisions or requirements in a standard.

## Hydrogel Projectiles/Non-Powdered Guns

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**Purpose** To work with ASTM to revise the voluntary standards to adequately address the hazard associated with hydrogel projectile launchers and non-powder guns.

**Staff Contact** Hurley, Jill

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F589	<i>Standard Consumer Safety Specification for Non-Powder Guns</i>
	<b>ASTM F3730-24</b>	<b><i>Standard Specification for Projectiles Used with Hydrogel Projectile Launchers</i></b>
	<b>ASTM 3741-24</b>	<b><i>Standard Specification for Hydrogel Projectile Launchers</i></b>
	WK91404	New Practice for Hydrogel Projectile Launcher Playing Field

**Standard(s) Update** In December 2024, ASTM published the new standard ASTM F3730-24 *Standard Specification for Projectiles Used with Hydrogel Projectile Launchers*.

In December 2024, ASTM published the new standard ASTM F3741-24 *Standard Specification for Hydrogel Projectile Launchers*.

**Relevant Rule** N/A

**Activities Summary** Staff continued to work with ASTM F08.37 and F15.06 to improve the safety of hydrogel projectile launchers and non-powder guns. During the reporting period, staff attended ASTM F08.27 meetings and reviewed ballots.

**Meeting(s)** Staff participated in ASTM F08.27 work group meetings for establishing requirements on hydrogel projectile launcher fields.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	November 2024	ASTM F3741	Ballot F08(24-05), item 5, proposed the new specification. The item received no negatives and passed.
	December 2024	ASTM WK91404	Ballot F08.27(24-04), item 1, proposed the new specification. The item received no negatives and passed.



**Next Action** Staff will work with the subcommittee on developing any future requirements in the standard and attend any meetings, as scheduled.

## Magnet Sets

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**Purpose** To work with ASTM to revise the voluntary standard to adequately address the hazard associated with ingestion of magnets from magnet sets.

**Staff Contact** Harsanyi, Stephen

Voluntary Standard(s)	Designation and current version	Title
	ASTM F3458 – 21	<i>Standard Specification for Marketing, Packaging, and Labeling Adult Magnet Sets Containing Small, Loose, Powerful Magnets (with a Flux Index <math>\geq 50 \text{ kG}^2\text{mm}^2</math>)</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** 16 CFR part 1262, *Safety Standard for Magnets*

**Activities Summary** Staff continued to work with ASTM F15.77 to improve the safety of magnet sets. Staff provided the subcommittee with a letter and attended a joint ASTM F15.22 and F15.77 meeting on magnet ingestion concerns.

**Meeting(s)** Staff participated in a joint ASTM F15.22 and F15.77 meeting on magnet ingestion concerns. Staff provided the subcommittees with a magnet IDI in September 2024 and the two subcommittees have met and corresponded with staff to explore options for addressing the concerns.

Communication(s)	Date	Type	Summary
	11/14/2024	Letter	Staff sent a letter to both ASTM F15.22 and F15.77 providing a detailed magnet testing procedure and responses to questions from a previous letter.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will work with the subcommittee on developing any future requirements in the standard.

## Market Umbrellas/Beach Umbrellas

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**Purpose** To work with ASTM to develop voluntary standards to address hazards associated with market (including patio) umbrellas (MU) and beach umbrellas (BU).

**Staff Contact** Newens, Andrew

Voluntary Standard(s)	Designation and current version	Title
	ASTM F3512-21	<i>Standard Test Method for Evaluating Wind Safety and Durability of Market Umbrellas</i>
	ASTM F3681-24	<i>Standard Consumer Safety Specification for Beach Umbrellas and Anchor Devices</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with the MU Subcommittee and BU Task Group on improving safety for market and beach umbrellas. During the reporting period, staff participated in a subcommittee and reviewed a ballot.

**Meeting(s)** Staff participated in a subcommittee meeting where a ballot was discussed.

**Communication(s)** There were no formal communications during the reporting period.

Ballot(s)	Date closed	Voluntary Standard	Summary and Results (If Applicable)
	October 2024	ASTM F3681	Ballot F15(24-18), item 20, proposed some clarifications and modifications to testing, definitions, and references. The ballot item had some negatives that were balloted as non-persuasive in ballot F15 (25-05) that closed 3/27/2025. 3 of 3 items were approved.

**Next Action** Staff will participate in subcommittee and task group meetings, as scheduled.

## Playground Equipment, Home

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**Purpose** To work with ASTM to strengthen existing safety provisions and identify and address emerging hazards associated with home playground equipment.

**Staff Contact** Newens, Andy

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<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F1148-24	<i>Standard Consumer Safety Performance Specification for Home Playground Equipment</i>
	ASTM F2729-24	<i>Standard Consumer Safety Specification for Constant Air Inflatable Play Devices for Home Use</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ASTM to improve home playground safety. During the reporting period, staff participated in subcommittee and task group meetings and provided the subcommittee with incident data.

**Meeting(s)** Staff participated in ASTM F15.09 subcommittee meetings for home playgrounds and F15.61 subcommittee meetings for constant air inflatable play devices. Staff participated in F15.09 task group meetings for pictograms to address strangulation on home playgrounds, and indoor triangle climbers for toddlers to address head entrapments and other hazards. Staff also participated in an F15.61 task group meeting to discuss whether the scope for the constant air inflatable play devices standard would also encompass sealed inflatable toys, such as ball pits.

<b>Communication(s)</b>	<b>Date</b>	<b>Type</b>	<b>Summary</b>
	11/13/2024	Data	Staff provided a redacted IDI for a residential bounce house.
	11/25/2024	Data	Staff provided a redacted IDI for a home swing set drawstring strangulation.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	March 2025	ASTM F1148	Ballot F15.09(25-01), item 1, proposed warning pictograms for strangulation hazards. The item was unresolved at the end of the reporting period.

**Next Action** Staff will participate in the next subcommittee meetings, scheduled for May 2025.

## Playground Equipment, Public

**Purpose** To work with ASTM to revise the voluntary standard to strengthen its safety provisions addressing hazards associated with public playground equipment.

**Staff Contact** Newens, Andy

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F1487-21	<i>Standard Consumer Safety Performance Specification for Public Playground Equipment</i>
	ASTM F2049-2011(2017)	<i>Safety Performance Specification for Fences/Barriers for Public, Commercial, and Multi-Family Residential Use Outdoor Play Areas</i>
	<b>ASTM F2373-24</b>	<b><i>Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 Months through 23 Months</i></b>
	ASTM F1918-21	<i>Standard Safety Performance Specification for Soft Contained Play Equipment</i>
	<b>ASTM F3699-24</b>	<b><i>Standard Guide for the Certification of Recreation Area Installers</i></b>

**Standard(s) Update** In October 2024, ASTM published the new standard ASTM F3699-24 *Standard Guide for the Certification of Recreation Area Installers*.

In December 2024, ASTM published ASTM F2373-24 *Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 Months through 23 Months*. The revision included changes to the Labels and Signs section that harmonized the language with F1487-21.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ASTM to improve public playground safety. During the reporting period, staff made draft changes to the CPSC Public Playground handbook after consideration of public comments, participated in multiple task group and subcommittee meetings, and reviewed and provided comments on a ballot.

**Meeting(s)** Staff attended an ASTM F14.10 Fencing Subcommittee meeting, where the subcommittee discussed a ballot to revert F2049-11(2017) to a guide. Staff participated in an ASTM F15.29 subcommittee meeting that reviewed task group activity on fully enclosed towers and climbers, play mounds, small in-ground bouncers, the *Standard Guide for the Certification of Recreation Facility Installers*, and the F2373 WG. Staff also participated in task group meetings on play mounds and small in-ground bouncers.

<i>Communication(s)</i>	Date	Type	Summary
	11/27/2024	Letter	Staff provided comments on ballot F14(24-03), item 5, for reapproval of F2049-2011(2017) <i>Safety Performance Specification for Fences/Barriers for Public, Commercial, and Multi-Family Residential Use Outdoor Play Areas</i> .

<i>Ballot(s)</i>	Date closed	Voluntary Standard	Summary and Results (If Applicable)
	October 2024	ASTM F1487	Ballot F15(24-18), eight items, proposed changes to sections on suspended hazards, slide clearance zones, lateral load structural test, and wheelchair handrail height. The items received negative votes and comments, which were unresolved at the end of this reporting period.
	November 2024	ASTM F1148	Ballot F14(24-03), item 5, proposed a title change to the standard. The item received multiple negatives and was removed from the ballot.

**Next Action** Staff will participate in subcommittee meetings in May 2025 and update the CPSC Public Playground Handbook after consideration of public comments in FY2025.

## Playground Surfacing

**Purpose** To work with ASTM to revise the voluntary standards to address the hazard patterns associated with playground surfacing.

**Staff Contact** Newens, Andy

<i>Voluntary Standard(s)</i>	Designation and current version	Title
	ASTM F1292-22	<i>Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment</i>
	ASTM F1951-21	<i>Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment</i>
	ASTM F2075-20	<i>Standard Specification for Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment</i>

ASTM F2479-24	<i>Standard Guide for Specification, Purchase, Installation and Maintenance of Poured-In-Place Playground Surfacing</i>
ASTM F2650-17e1	<i>Standard Terminology Relating to Impact Testing of Sports Surfaces and Equipment</i>
ASTM F3012-22	<i>Standard Specification for Loose-Fill Rubber for Use as a Playground Safety Surface Under and Around Playground Equipment</i>
ASTM F2223-19a	<i>Standard Guide for ASTM Standards on Playground Surfacing</i>
ASTM F3313-20	<i>Standard Test Method for Determining Impact Attenuation of Playground Surfaces Within the Use Zone of Playground Equipment as Tested in the Field</i>
ASTM F3351-19e1	<i>Standard Test Method for Playground Surface Impact Testing in Laboratory at Specified Test Heights</i>

<b>Standard(s) Update</b>	The voluntary standards were not updated during the reporting period.
<b>Relevant Rule</b>	N/A
<b>Activities Summary</b>	During the reporting period, staff attended an ASTM F08.63 subcommittee meeting and reviewed a ballot.
<b>Meeting(s)</b>	Staff participated in an ASTM F08.63 playground surfacing subcommittee meeting where ballot results were discussed, potential updates to ASTM F2075, and status of a PFAS toxicity WG. Staff briefed the subcommittee on the update to the <i>Handbook for Public Playground Safety</i> .
<b>Communication(s)</b>	There were no formal communications during the reporting period.

Ballot(s)	Date closed	Voluntary Standard	Summary and Results (If Applicable)
	March 2025	ASTM F1292	Ballot F08(25-01), items 5 and 6, proposed updates to the title and test methods. The item was unresolved at the end of the reporting period.

<b>Next Action</b>	Staff plans to attend the next ASTM playground surfacing subcommittee meeting in May 2025 and to update the CPSC Public Playground Handbook after consideration of public comments in FY2025.
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## Pools, Portable Unprotected (Child Drowning)

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**Purpose** To work with ASTM and PHTA (formerly APSP) to revise the voluntary standards to strengthen safety provisions addressing hazards associated with residential drowning in pool products.

**Staff Contact** Bathalon, Susan

<b>Voluntary Standard(s)</b>	Designation and current version	Title
	ASTM F2666-16(2024)	<i>Standard Specification for Aboveground Portable Pools for Residential Use</i>
	ANSI/PHTA/ICC-2 (R2023)	<i>American National Standard for Public Pool and Spa Operations and Maintenance</i>
	ANSI/APSP/ICC-4- (R2022)	<i>American National Standard for Above-Ground/On-Ground Residential Pools</i>
	ANSI/APSP/ICC-5 (R2022)	<i>American National Standard for Residential Inground Swimming Pools</i>
	ASTM F3698-24	<i>Standard Specification for Computer-vision Drowning Detection Systems for Residential Swimming Pools</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** On January 22, 2025, the Commission received a petition requesting that the Commission establish a mandatory regulation for child-resistant above-ground and portable pool ladders. The Commission was reviewing the petition at the end of the reporting period.

**Activities Summary** Staff continues to work with stakeholders to improve water safety. During the reporting period, staff participated in multiple meetings with PHTA, ASTM, and other stakeholders in the drowning prevention community.

**Meeting(s)** Staff participated in multiple PHTA meetings, including the Recreational Water & Air Quality Committee (RWAQC), PHTA-4, Standard Consensus Committee, Model Legislation, and other councils for the US National Water Safety Action Plan. Additionally, staff participated in ASTM F15.60 subcommittee meetings for portable aboveground pools, where child-resistance of pool ladders were discussed. Staff also began developing recommendations for revisions to ASTM F3698. Staff worked to recruit additional participants in these and adjacent activities, such as developing a new standard for neck floats and buoyancy aids.



**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in upcoming meetings and review upcoming ballots. Staff will provide recommended revisions to ASTM F3698.

## Recreational Off-Highway Vehicles (ROVs)

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**Purpose** To work with ROHVA and OPEI to develop requirements to address fire hazards and debris penetration hazards in off-highway vehicles.

**Staff Contact** Lim, Han

**Voluntary  
Standard(s)**

Designation and current version	Title
ANSI/ROHVA 1-2023	<i>American National Standard for Recreational Off-Highway Vehicles</i>
ANSI/OPEI B71.9-2022	<i>American National Standard for Multipurpose Off-Highway Utility Vehicles</i>

**Standard(s)  
Update** The voluntary standards were not updated during the reporting period.

**Relevant  
Rule** NPR Recreational Off-Highway Vehicles (ROVs) (79 FR 68964), November 19, 2014.

ANPR, Off-Highway Vehicle (OHV) Fire and Debris Penetration Hazards (86 FR 25817), May 11, 2021.

NPR, Off-Highway Vehicle (OHV) Debris Penetration Hazards (87 FR 43688), July 21, 2022.

The Commission published a Notice of Availability (NOA) and Request for Comment on CPSC contractor SEA Limited's report "Study of Debris Penetration of Recreational Off-Highway Vehicle (ROV) Proof-of-Concept (POC) Floorboard Guards" (87 FR 78037), December 21, 2022.

On October 4, 2024, the Commission published a Notice of Availability (NOA) and Request for Comment on the incident data relied upon for the NPR (89 FR 80831). On October 30, 2024, the Commission extended the 30 day-comment period for the NOA an additional 30 days, so that the comment period closed on December 4, 2024 (89 FR 86290).



<b>Activities Summary</b>	Staff continues to work with OPEI and ROHVA to develop possible performance standard requirements to address fire and debris penetration hazards in ROVs.
<b>Meeting(s)</b>	No meetings related to relevant standards or topics took place during the reporting period
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no ballots during the reporting period.
<b>Next Action</b>	Staff will participate in standards meetings, as scheduled.

### Self-Balancing Scooters and Light Electric Vehicles/Micromobility Devices

<b>Purpose</b>	To work with ASTM and ULSE to develop a new voluntary standard or revise the existing standards to strengthen the mechanical safety provisions addressing hazards associated with self-balancing scooters, hoverboards, electric-powered scooters and bikes, and other micromobility products for adults.													
<b>Staff Contact</b>	Mella, Lawrence													
<b>Voluntary Standard(s)</b>	<table><tr><th>Designation and current version</th><th>Title</th></tr><tr><td>ASTM F2641-23</td><td><i>Standard Consumer Safety Specification for Recreational Powered Scooters and Pocket Bikes</i></td></tr><tr><td>ASTM WK57360</td><td>Potential new voluntary standard for self-balancing scooters and hoverboards</td></tr><tr><td>ASTM WK70724</td><td>Potential new voluntary standard for commercial electric-powered scooters for adults</td></tr><tr><td>ASTM WK86569</td><td>Potential new voluntary standard for self-balancing scooters</td></tr><tr><td>ASTM WK88946</td><td>Potential new voluntary standard for electric powered balance bikes</td></tr></table>		Designation and current version	Title	ASTM F2641-23	<i>Standard Consumer Safety Specification for Recreational Powered Scooters and Pocket Bikes</i>	ASTM WK57360	Potential new voluntary standard for self-balancing scooters and hoverboards	ASTM WK70724	Potential new voluntary standard for commercial electric-powered scooters for adults	ASTM WK86569	Potential new voluntary standard for self-balancing scooters	ASTM WK88946	Potential new voluntary standard for electric powered balance bikes
Designation and current version	Title													
ASTM F2641-23	<i>Standard Consumer Safety Specification for Recreational Powered Scooters and Pocket Bikes</i>													
ASTM WK57360	Potential new voluntary standard for self-balancing scooters and hoverboards													
ASTM WK70724	Potential new voluntary standard for commercial electric-powered scooters for adults													
ASTM WK86569	Potential new voluntary standard for self-balancing scooters													
ASTM WK88946	Potential new voluntary standard for electric powered balance bikes													
<b>Standard(s) Update</b>	The voluntary standards were not updated during the reporting period.													
<b>Relevant Rule</b>	On March 15, 2024, the Commission published <i>Electric Bicycles; Advance Notice of Proposed Rulemaking; Request for Comments and Information</i> [89 FR 18861] with comments closing May 14, 2024.													
<b>Activities Summary</b>	Staff continues to work with ASTM and ULSE on existing and new safety standards for mechanical hazards associated with micromobility products, such as hoverboards, e-bikes, and self-balancing scooters. During the													

reporting period, staff participated in multiple meetings for the ASTM F15.58 subcommittee and task groups. Additionally, staff was developing a draft NPR for Commission consideration.

**Meeting(s)** Staff participated in multiple ASTM F15.58 subcommittee and task group meetings on brakes, warnings, instructions, labels, and digital acknowledgements for e-scooters. Staff participated in a meeting to discuss whether a separate pocket bike standard should be developed. Staff participated in a meeting for a new effort to create a standard for electric balance bikes.

<b>Communication(s)</b>	Date	Type	Summary
	12/7/2023	Letter	Staff provided comments on ASTM ballot F15(23-15), item 2.

<b>Ballot(s)</b>	Date closed	Voluntary Standard	Summary and Results (If Applicable)
	December 2023	WK 70724	Ballot F15(23-15), item 2, proposed the New Standard Consumer Safety Specification for Commercial Electric-Powered Scooters for Adults. The item was removed from the ballot due to a persuasive negative.

**Next Action** Staff will participate in upcoming subcommittee and task group meetings.

## Sports/Recreational Headgear Sensors/Helmet and Sensors

**Purpose** To work with ASTM to develop and revise helmet and headgear voluntary standards.

**Staff Contact** Ota, Greg

<b>Voluntary Standard(s)</b>	Designation and current version	Title
	ASTM F1446-20	<i>Standard Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear</i>
	<b>ASTM F1447-24</b>	<b><i>Standard Specification for Helmets Used in Recreational Bicycling or Roller Skating</i></b>
	ASTM F2220-23	<i>Standard Specification for Headforms</i>

**Standard(s) Update** In December 2024, ASTM published ASTM F1447-24 *Standard Specification for Helmets Used in Recreational Bicycling or Roller Skating*. The revision changed the peak linear acceleration acceptance criteria to 275g.

<b>Relevant Rule</b>	16 CFR part 1203 <i>Safety Standard for Bicycle Helmets</i>
<b>Activities Summary</b>	During the reporting period, staff attended a NOCSAE committee meeting.
<b>Meeting(s)</b>	Staff attended a NOCSAE committee meeting to monitor activity.
<b>Communication(s)</b>	There were no formal communications during the reporting period.
<b>Ballot(s)</b>	There were no ballots during the reporting period.
<b>Next Action</b>	Staff plans to attend the next subcommittee and task group meetings, as scheduled.

### Swimming Pools/Spas, Drain Entrapment and Safety Vacuum Relief System

<b>Purpose</b>	To work with PHTA and ASTM to ensure that the voluntary standard and the corresponding federal mandatory standard maintain adequate safety levels addressing entrapment hazards and safety vacuum release systems in swimming. pools, wading pools, spas, and hot tubs available to the general public, as well as products like pool drain covers.									
<b>Staff Contact</b>	Kempske, Rebekah									
<b>Voluntary Standard(s)</b>	<table><tr><th>Designation and current version</th><th>Title</th></tr><tr><td>ANSI/APSP/ICC 16-2017</td><td><i>American National Standard for Suction Outlet Fitting Assemblies (SOFA) for Use in Pools, Spas, and Hot Tubs</i></td></tr><tr><td>ANSI/APSP/ICC-7-2020</td><td><i>Suction Entrapment Avoidance</i></td></tr><tr><td>ASTM F2387-21</td><td><i>Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs</i></td></tr></table>		Designation and current version	Title	ANSI/APSP/ICC 16-2017	<i>American National Standard for Suction Outlet Fitting Assemblies (SOFA) for Use in Pools, Spas, and Hot Tubs</i>	ANSI/APSP/ICC-7-2020	<i>Suction Entrapment Avoidance</i>	ASTM F2387-21	<i>Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs</i>
Designation and current version	Title									
ANSI/APSP/ICC 16-2017	<i>American National Standard for Suction Outlet Fitting Assemblies (SOFA) for Use in Pools, Spas, and Hot Tubs</i>									
ANSI/APSP/ICC-7-2020	<i>Suction Entrapment Avoidance</i>									
ASTM F2387-21	<i>Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs</i>									
<b>Standard(s) Update</b>	The voluntary standards were not updated during the reporting period.									
<b>Relevant Rule</b>	16 CFR part 1450, <i>Virginia Graeme Baker Pool and Spa Safety Act</i> (VGBA)									
<b>Activities Summary</b>	Staff continues to work with PHTA and ASTM to improve pool and spa safety. During the reporting period, staff participated in multiple PHTA-16 meetings and sent data to the committee.									
<b>Meeting(s)</b>	Staff participated in meetings with the PHTA-16 Standard Writing Committee (SWC) to discuss updating the standard. Staff participated in									

multiple task group meetings during the reporting period to discuss potential changes such as to non-centrifugal pump requirements and instructions.

<i>Communication(s)</i>	Date	Type	Summary
	10/1/2024	Data	Staff provided incident data related to hair entrapment.

*Ballot(s)* There were no ballots during the reporting period.

*Next Action* Staff will participate in upcoming PHTA meetings.

## Table Saws

*Purpose* To work with ULSE on revising the voluntary standard to strengthen its safety provisions addressing hazards associated with blade-contact injuries from table saws.

*Staff Contact* Newens, Andrew

<i>Voluntary Standard(s)</i>	Designation and current version	Title
	UL 62841-3-1, 1st Edition	<i>Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 2-1: Particular Requirements for Transportable Table Saws</i>

*Standard(s) Update* The voluntary standard was not updated during the reporting period.

*Relevant Rule* On November 1, 2023, the Commission published a supplemental NPR, *Safety Standard Addressing Blade-Contact Injuries on Table Saws* [88 FR 74909].

*Activities Summary* Staff continues to work with ULSE to improve the safety of table saws. During the reporting period, staff participated in active injury mitigation system (AIMS) task group meetings and worked on a NOA to publish data relied on for the NPR.

*Meeting(s)* Staff participated in multiple AIMS task group meetings to discuss the different technologies and what opportunities and challenges exist to establishing potential requirements. However, the AIMS task group voted to discontinue meeting at the January 2025 meeting, with the majority of members concluding that there was no appetite for a requirement that all table saws have AIMS. CPSC staff voted for the task group to continue meeting, but the consensus vote went the other way.

*Communication(s)* There were no formal communications during the reporting period.

*Ballot(s)* There were no relevant ballots during the reporting period.

**Next Action** Staff will continue to monitor incident data and recommend safety improvements.

## Tents

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**Purpose** To work with ASTM on developing a voluntary standard to address the hazards associated with camping tent flammability.

**Staff Contact** Maling, Emily

**Voluntary Standard(s)**

Designation and current version	Title
ASTM F3431-21	Standard Specification for Determining Flammability of Materials for Recreational Camping Tents and Warning Labels for Associated Hazards

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with ASTM on developing performance requirements and test methods to evaluate the flammability of recreational camping tents. During the reporting period, staff participated in an ASTM F08.22 subcommittee meeting and reviewed a ballot.

**Meeting(s)** Staff participated in an ASTM F08.22 subcommittee meeting, providing updates on the tent data from CPSC testing and recommendations for revisions to the standard.

*Communication(s)* There were no formal communications during the reporting period.

*Ballot(s)*

Date closed	Voluntary Standard	Summary and Results (If Applicable)
March 2025	ASTM F3431	Ballot F08(25-01), items 1 and 2, proposed updates definitions and changes to testing exemptions . The item was unresolved at the end of the reporting period.

**Next Action** Staff will attend subcommittee and task group meetings, as scheduled, and staff will support the development of a potential characterization test, with testing and data analysis.

## Treadmills

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**Purpose** To work with ASTM and ULSE to develop and revise treadmill voluntary standards.

**Staff Contact** DeGrano, Frederick

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ASTM F2115-19	<i>Standard Specification for Motorized Treadmills</i>
	ASTM F1749-15(2020)	<i>Standard Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels</i>
	ASTM F2276-10(2015)	<i>Standard Specification for Fitness Equipment</i>
	UL 1647, 6 <sup>th</sup> Edition	<i>Motor-Operated Massage And Exercise Machines</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with the ASTM F08.30 subcommittee on fitness products to develop requirements in ASTM F2115-19 to address hazards observed in incident data pertaining to treadmills, specifically entrapment of children and other objects underneath the rear roller on an operating treadmill. During the reporting period, staff participated in an a F08.30 subcommittee meeting.

**Meeting(s)** Staff participated in an F08.30 subcommittee meeting to discuss revisions to the standard, testing criteria, and testing results for entrapment.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	January 2025	ASTM F2106	Ballot F08.30(24-01), item 1, proposed entrapment requirements. The item was unresolved at the end of the reporting period.
	January 2025	ASTM F2115	Ballot F08.30(24-01), item 2, proposed entrapment requirements. The item was unresolved at the end of the reporting period.

March 2025	ASTM F2106	Ballot F08(25-01), item 4, proposed entrapment requirements. The item was unresolved at the end of the reporting period.
March 2025	ASTM F 2115	Ballot F08(25-01), item 5, proposed entrapment requirements. The item was unresolved at the end of the reporting period.

**Next Action** Staff will participate in the next ASTM subcommittee meeting, when scheduled.

## Codes, Analytical Methods, and Labeling

### Building Codes

**Purpose** To work with various model building codes to ensure consumer safety considerations and referenced consumer products are included in the standards.

**Staff Contact** Ayers, Scott

#### Voluntary Standard(s)

Designation and current version	Title
NFPA 30, 2021 Edition	Flammable and Combustible Liquid Code
NFPA 58, 2024 Edition	Liquefied Petroleum Gas Code
NFPA 70, 2023 Edition	<i>National Electrical Code®</i>
NFPA 72, 2022 Edition	<i>National Fire Alarm Signaling Code®</i>
2024 IFGC	<i>International Fuel Gas Code</i>

**Standard(s) Update** The voluntary standards were not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** During the reporting period, staff participated in ICC ad hoc meetings and international code council hearings, NFPA 30 meetings, and provided the ICC and American Fence Association with recommendations on gate safety.

**Meeting(s)** Staff participated in several meetings of the ICC ad hoc committee to review code requirements for energy storage systems, including lithium-ion and non-lithium-ion batteries. Staff also participated in NFPA 30 first draft correlating committee and definitions working group.

Communication(s)	Date	Type	Summary
	3/6/2025	Letter	Staff provided recommendations for gate safety to ICC and the American Fence Association gates task group.



**Ballot(s)** There were no ballots during the reporting period.

**Next Action** Staff will participate in code meetings, as scheduled.

## Chemical Test Methods

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**Purpose** To work with ASTM to ensure that the listed chemical test methods referenced in various CPSC test procedures and requirements are adequately maintained.

**Staff Contact** Roemer, Matthew

**Voluntary  
Standard(s)**

Designation and current version	Title
ASTM E1645-21	<i>Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis</i>
ASTM F2617-15(2023)	<i>Standard Test Method for Identification and Quantification of Chromium, Bromine, Cadmium, Mercury, and Lead in Polymeric Material Using Energy Dispersive X-ray Spectrometry</i>
ASTM F2853-10(2023)	<i>Standard Test Method for Determination of Lead in Paint Layers and Similar Coatings or in Substrates and Homogenous Materials by Energy Dispersive X-Ray Fluorescence Spectrometry Using Multiple Monochromatic Excitation Beams</i>
ASTM E3193-23	<i>Standard Test Method for Measurement of Lead (Pb) in Dust by Wipe, Paint, and Soil by Flame Atomic Absorption Spectrophotometry (FAAS)</i>
ASTM E3203-24, -24a	<i>Standard Test Method for Determination of Lead in Dried Paint, Soil, and Wipe Samples by Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES)</i>
ASTM D7823-20	<i>Standard Test Method for Determination of Low-Level Phthalates in Poly (Vinyl Chloride) Plastics by Thermal Desorption—Gas Chromatography/Mass Spectrometry</i>
ASTM D7993-15(2019)	<i>Standard Guide for Analyzing Complex Phthalates</i>
ASTM D8133-23	<i>Standard Test Method for Determination of Low-Level Phthalates in Poly(Vinyl Chloride) Plastics by Solvent Extraction—Gas Chromatography/Mass Spectrometry</i>



<b>ASTM F3700-25</b>	<b><i>Standard Guide for Selecting and Applying Analytical Methods to Evaluate PFAS in Consumer and Related Products</i></b>
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**Standard(s) Update** In February 2025, ASTM published the new standard guide ASTM F3700-25 *Standard Guide for Selecting and Applying Analytical Methods to Evaluate PFAS in Consumer and Related Products*.

**Relevant Rule** N/A

**Activities Summary** During the reporting period, staff continued working with the ASTM D20.70 subcommittee on analytical methods to review the status of several methods. Additionally, staff participated in several ASTM F15.81 meetings and provided comments on a ballot.

**Meeting(s)** Staff attended an ASTM D20.70 subcommittee meetings on Analytical Methods to discuss the status of various test methods. See *Toys* section for more information.

Staff participated in multiple ASTM F15.81 meetings to continue development of a new PFAS guidance document.

<b>Communication(s)</b>	<b>Date</b>	<b>Type</b>	<b>Summary</b>
	11/25/2024	Letter	Staff provided comments on ballot F15.81 (24-21).

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	November 2024	ASTM F3700	Ballot ASTM F15.81(24-21) item 1 proposed a new Standard Guide. The item passed.

**Next Action** Staff will participate in upcoming ASTM task group meetings or subcommittee meetings, when scheduled.

## National Electrical Code

**Purpose** To work with the NFPA to revise the National Electrical Code (NEC), to strengthen its safety provisions addressing hazards associated with electrical fires, CO poisoning, and shock incidents associated with consumer products, such as household appliances, pools and spas, generators, electrical equipment, and wiring products.

**Staff Contact** Miller, Einstein

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	NFPA 70, 2023 Edition	<i>National Electrical Code®</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** During the reporting period, staff advocated for requirements for ground fault circuit interrupters (GFCI) and arc fault circuit interrupters (AFCI) to reduce shock and fire hazards and participated in meetings and ballot review for the second draft of the 2026 NEC.

**Meeting(s)** Staff participated in several code making panel (CMP) task groups (TG) during the reporting period to review public comments on the first draft of the 2026 NEC including: CMP 2 TG 1 and TG 2, Branch Circuits, and CMP 17 TG 1, Appliances, CMP 17 TG 3, Swimming Pools, Fountains, and Similar Installations. Staff took part in CMP 17 and CMP 2 second draft meetings where staff advocated for GFCI requirements for pool electric heaters and to address unwanted tripping of GFCIs. Staff also supported the expansion of AFCIs to bathroom circuits to mitigate ventilation fan fires.

In support of NEC revisions, staff also participated in a UL 943 meeting to address unwanted tripping of GFCIs. Additionally, staff attended several AFCI interoperability TG meetings.

**Communication(s)** There were no formal communications during the reporting period.

<b>Ballot(s)</b>	<b>Date closed</b>	<b>Voluntary Standard</b>	<b>Summary and Results (If Applicable)</b>
	January 2025	NEC	NFPA issued the final ballot results for CMP 2 panel actions. The ballot results were sent to the Second Draft Correlating Committee for consideration.
	January 2025	NEC	NFPA issued the final ballot results for CMP 17 panel actions. The ballot results were sent to the Second Draft Correlating Committee for consideration.
	March 2025	2026 NEC/NFPA 70	NFPA issued Second Draft Correlating Committee final ballot results for panel actions related to public comments received. The ballot results correlate to the 2026 edition of the NEC.

**Next Action** Staff will continue to participate in the NEC development cycle and related task groups to address fire, shock, CO poisoning and other hazards.

### Warning Signs and Labels (and Ad Hoc Language)

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**Purpose** To work with SDOs to develop or enhance warnings, labels, and other written means not already covered by another tracked voluntary standard, to convey product safety information to consumers.

**Staff Contact** Smith, Tim

<b>Voluntary Standard(s)</b>	<b>Designation and current version</b>	<b>Title</b>
	ANSI Z535.7-2024	<i>Standard for Product Safety Information in Electronic Media</i>

**Standard(s) Update** The voluntary standard was not updated during the reporting period.

**Relevant Rule** N/A

**Activities Summary** Staff continues to work with NEMA and ASTM to enhance safety warnings for consumer products. During the reporting period, staff participated in ASTM F15 ad hoc language subcommittee and task groups.

**Meeting(s)** Staff participated in ASTM F15 task group meetings focused on warning signs and labels. The ASTM Ad Hoc Language task group is working to develop a resource document that will be used to standardize figure naming or labeling between standards and to identify any other revisions that may be needed.

**Communication(s)** There were no formal communications during the reporting period.

**Ballot(s)** There were no relevant ballots during the reporting period.

**Next Action** Staff will continue to participate in the ANSI Z535 Committee and subcommittee meetings and will participate in the next ASTM Ad Hoc Language task group meeting, when scheduled.

# Appendix 1: Organizational Abbreviations

The list below contains abbreviations for SDOs and other groups related to the standards that staff typically participate in. Some abbreviations below may not be used in the current VSTAR.

<b>AATCC</b>	American Association of Textile Chemists and Colorists
<b>AFSL</b>	The American Fireworks Standards Laboratory
<b>AHAM</b>	Association of Home Appliance Manufacturers
<b>AHFA</b>	American Home Furnishing Alliance
<b>AHRI</b>	Air Conditioning, Heating and Refrigeration Institute
<b>ANSI</b>	The American National Standards Institute
<b>APA</b>	American Pyrotechnics Association
<b>APSP</b>	The Association of Pool and Spa Professionals (now part of The Pool & Hot Tub Alliance, see PHTA)
<b>ASHRAE</b>	American Society of Heating, Refrigerating and Air-Conditioning Engineers
<b>ASTM</b>	ASTM International
<b>BIFMA</b>	Business and Institutional Furniture Manufacturing Associations
<b>CAN</b>	Standards Council of Canada designation for a National Standard of Canada
<b>CANENA</b>	Council for Harmonization of Electrotechnical Standards of the Nations in the Americas
<b>CSA</b>	CSA Group
	TSC – Technical Subcommittee
	TC – Technical Committee
<b>EN</b>	European Standards
<b>IAPMO</b>	International Association of Plumbing and Mechanical Officials
<b>ICC</b>	International Code Council
<b>IEC</b>	International Electrotechnical Commission
<b>IEEE</b>	The Institute of Electrical and Electronics Engineers
<b>ISO</b>	International Organization for Standardization
	TAG – Technical Advisory Group
	TC – Technical Committee
<b>NEMA</b>	National Electrical Manufacturers Association
<b>NFPA</b>	National Fire Protection Association
	CMP – Code Making Panel
	NEC – National Electrical Code
	TIA – Technical Interim Agreement
<b>NFSI</b>	National Floor Safety Institute
<b>NIST</b>	National Institute of Standards and Technology
<b>NOCSAE</b>	National Operating Committee on Standards for Athletic Equipment
<b>OPEI</b>	Outdoor Power Equipment Institute
<b>PGMA</b>	Portable Generator Manufacturers Association
<b>PHTA</b>	Pool & Hot Tub Alliance
<b>ROHVA</b>	Recreational Off-Highway Vehicle Association
<b>SAE</b>	Society of Automotive Engineers
<b>SVIA</b>	Specialty Vehicle Institute of America

<b>ULSE</b>	UL Standards and Engagement (formerly Underwriters Laboratories Inc)
	STP – Standards Technical Panel
	ORD – Other Recognized Document (pertains to voluntary standards recognized in Canada)
<b>ULC</b>	ULSE operations in Canada (formerly Underwriters Laboratories of Canada)
<b>WCMA</b>	Window Covering Manufacturers Association

## Appendix 2: New or Revised Voluntary Standards Contributing Towards Meeting CPSC 2025KM1.2.1, Published October 1, 2024 – March 31, 2025

Standard	SDO	Date Published	DR	New, Revision, Renewal
ASTM F3699-24 Standard Guide for Certification of Recreation Area Installers	ASTM	10/4/2024	Newens, A	New
ASTM F2417-24 Standard Specification for Fire Safety for Candles	ASTM	10/10/2024	Ayers, S	Revision
NFPA 72 National Fire Alarm and Signaling Code	NFPA	10/25/2024	Lee, Arthur	Revision
UL 2157 5th edition Standard for Electric Clothes Washing Machines and Extractors	UL	10/30/2024	Kim, Y	Revision
ASTM F400-20(2024) Standard Consumer Safety Specification for Lighters	ASTM	11/11/2024	Ayers, S	Renewal
UL 217 10th edition Smoke Alarms	UL	11/27/2024	Lee, A	Revision
UL 2056 Standard for Safety for Power Banks	UL	11/29/2024	Kadiwala, J	New
ASTM F1447-24 Standard Specification for Helmets Used in Recreational Bicycling or Roller Skating	ASTM	12/1/2024	Ota, G	Revision
ASTM F2012-24 Standard Consumer Safety Performance Specification for Stationary Activity Centers	ASTM	12/5/2024	Taxier, D	Revision
ASTM F3730-24 Standard Specification for Projectiles Used with Hydrogel Projectile Launchers	ASTM	12/10/2024	Hurley, J	New
ASTM F2641-24 Standard Consumer Safety Specification for Recreational Powered Scooters and Pocket Bikes	ASTM	12/18/2024	Mella, L	Revision
ASTM F3741-24 Standard Specification for Hydrogel Projectile Launchers	ASTM	12/19/2024	Hurley, J	New
ASTM F2273-11(2024) Standard Test Methods for Bicycle Forks	ASTM	12/23/2024	Mella, L	Renewal
ASTM F2899-11(2024) Standard Specification for Condition 1 Bicycle Forks	ASTM	12/23/2024	Mella, L	Renewal

ASTM F2274-11(2024) Standard Specification for Condition 3 Bicycle Forks	ASTM	12/23/2024	Mella, L	Renewal
ASTM F3642-24 Standard Specification for Front-Mounted Bicycle Child Carriers (9 kg – 15 kg)	ASTM	1/7/2025	Mella, L	Revision
ASTM F2373-24 Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 Months through 23 Months	ASTM	1/16/2025	Newens, A	Revision
UL 8400 1st edition Virtual Reality, Augmented Reality and Mixed Reality Technology Equipment	UL	1/17/2025	Harsanyi, S	Revision
UL 62133-1 Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 1: Nickel Systems	UL	1/28/2025	Kadiwala, J	Revision
ASTM F3084-25 Standard Consumer Safety Specification for Infant and Infant/Toddler Rockers	ASTM	1/28/2025	Foster, Z	Revision
F3700-25 Standard Guide for Selecting and Applying Analytical Methods to Evaluate PFAS in Consumer and Related Products	ASTM	2/5/2025	Roemer, M	New
UL 9540 Energy Storage Systems and Equipment	UL	3/7/2025	Kadiwala, J	Revision
UL 30 Metallic and Nonmetallic Safety Cans for Flammable and Combustible Liquids	UL	3/7/2025	Ayers, S	Revision
UL 9540a Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems	UL	3/12/2025	Kadiwala, J	Revision

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