

Proposed Updates to Safety Standards for Children’s Products

The Government of the Hong Kong Special Administrative Region (the Government) intends to update Schedule 2 to the Toys and Children’s Products Safety Ordinance (Cap. 424) (the Ordinance) to implement up-to-date safety standards promulgated by the relevant standards institutions for children’s products listed in Schedule 2 to the Ordinance (Schedule 2 products).

The Ordinance stipulates that a person must not manufacture, import or supply a Schedule 2 product unless it complies with all the applicable requirements contained in any one of the safety standards (international standards or standards adopted by major economies) specified in Schedule 2 to the Ordinance. The Government keeps in view any changes to the standards so as to apply up-to-date and operative versions of the standards to products supplied in Hong Kong.

It has come to the Government’s attention that, as at early June 2022, the following specified standards for four classes of Schedule 2 products have been updated or amended –

- (a) the existing ASTM Standard “ASTM F1427-21” for bunk beds for domestic use has been amended to “ASTM F1427-21e1”;
- (b) the existing ASTM Standard “ASTM F1004-19” for child safety barriers for domestic use has been updated to “ASTM F1004-21”;
- (c) the existing ASTM Standard “ASTM F404-20” for children’s high chairs and multi-purpose high chairs for domestic use has been updated to “ASTM F404-21”; and
- (d) the existing ASTM Standard “ASTM F833-19” for wheeled child conveyances has been updated to “ASTM F833-21”.

---- Major changes introduced by the latest standards are summarised at Annex^{Note}.

If you have any comments on the proposed amendments, please send them to us on or before **31 December 2022** by any of the following means:

^{Note} The table at Annex is prepared for general information only. Interested parties should refer to the relevant standards for the detailed requirements.

By mail to: Division 6
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23th Floor, West Wing, Central Government Offices
2 Tim Mei Avenue, Tamar, Hong Kong

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Any questions about this document may be addressed to Ms Terry TAI, Assistant Secretary for Commerce and Economic Development, who can be reached at 2810 3235 (phone), 2869 4420 (fax) or terry_tai@cedb.gov.hk (email).

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Please note that names of respondents, their affiliation(s) and comments may be posted on our website or referred to in other documents we publish. If you do not wish your name and / or affiliation to be disclosed, please state so when making your submission. Any personal data submitted will only be used for purposes which are directly related to consultation purposes under this consultation paper. Such data may be transferred to other Government departments / agencies for the same purposes. For access to or correction of personal data contained in your submission, please contact Ms Ada WONG, Executive Assistant, who can be reached at 3655 5954 (phone), 2869 4420 (fax) or ada_wong@cedb.gov.hk (email).

Commerce and Economic Development Bureau
December 2022

Toys and Children’s Products Safety Ordinance (Cap. 424)

Proposed Amendments / Updates to Standards Specified for Schedule 2 Products

<i>Bunk beds for domestic use “4”</i>				
	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
(i)	ASTM F1427-21	ASTM F1427-21e1 (October 2021)	<ul style="list-style-type: none"> ● To revise the Warning Labels by boldfacing the words “To help prevent” on the label. 	<ul style="list-style-type: none"> ● Fig. 10 (a) - (d)
<i>Child safety barriers for domestic use “6”</i>				
	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
(i)	ASTM F1004-19	ASTM F1004-21 (June 2021)	<ul style="list-style-type: none"> ● To revise the terminology “conspicuous”; ● To hyphenate the following terminologies: <ul style="list-style-type: none"> - single–action release mechanism - pressure–mounted gate 	<ul style="list-style-type: none"> ● 3.1.3 ● 3.1.4 ● 3.1.5.1, 3.1.14, 6.2.1, 7.10.1, 7.13.1, Note 6, X1.2.6.9

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
			<ul style="list-style-type: none"> - hold–open mechanism - completely–bounded openings - Partially–bounded opening - Pressure–Mounted Gate–Mounting Hardware - Hold–open feature; ● To make editorial change on the section number from 3.1.15 to 3.1.16 and correct the spelling of the term “gauge”; ● To add new terminology “side pressure” and “visual side–pressure indicator”; ● To add unit of temperature °F and °C in ambient temperature; ● To revise capitalisation of the term “Small Torso Probe” to be expressed in small capital letters; ● To make editorial change on the section number from 8.5.3 to 8.5.7; ● To add a new section specifying the requirements for visual side–pressure indicators; 	<ul style="list-style-type: none"> ● 3.1.9, 7.4 ● 6.1.1 ● 6.1.5 ● 6.7 ● 7.4 ● 3.1.16 ● 3.1.15, 3.1.17 ● 4.4 ● 6.1.1, 6.1.4, 7.10.3 ● 6.7(a), Note 1 ● 6.8 - 6.8.2.3

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)															
			<ul style="list-style-type: none"> ● To add unit of measurement for the terms to be expressed in inch (in.) and millimetre (mm); ● To emphasise the visual side–pressure indicators are displaying the proper status according to manufacturer’s instructions for pressure–mounted gates with visual side–pressure indicators; ● To revise the word from “Assure” to “Ensure”; ● To revise the wording for brackets; ● To make editorial changes on the section numbers as follows: <table style="margin-left: 40px; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding-right: 20px;"><u>F1004-19</u></th> <th style="text-align: left;"><u>F1004-21</u></th> <th style="padding-left: 20px;"></th> </tr> </thead> <tbody> <tr> <td>- 8.5.4</td> <td>8.5.3</td> <td>● 8.5.3</td> </tr> <tr> <td>- 8.5.5</td> <td>8.5.4</td> <td>● 8.5.4</td> </tr> <tr> <td>- 8.5.6</td> <td>8.5.5</td> <td>● 8.5.5</td> </tr> <tr> <td>- 8.5.7</td> <td>8.5.6</td> <td>● 8.5.6</td> </tr> </tbody> </table> 	<u>F1004-19</u>	<u>F1004-21</u>		- 8.5.4	8.5.3	● 8.5.3	- 8.5.5	8.5.4	● 8.5.4	- 8.5.6	8.5.5	● 8.5.5	- 8.5.7	8.5.6	● 8.5.6	<ul style="list-style-type: none"> ● 7.1.1, 7.4, 7.5, 7.8.1, 7.9.1.4(3), 7.9.1.4(4), 7.13.1.2 ● 7.9.1.2 ● 7.1.1.3, 7.9.1.4(1), 7.13.1, Note 4, Note 5, Note 6, X1.2.6.8, X1.2.6.9 ● Note 11
<u>F1004-19</u>	<u>F1004-21</u>																		
- 8.5.4	8.5.3	● 8.5.3																	
- 8.5.5	8.5.4	● 8.5.4																	
- 8.5.6	8.5.5	● 8.5.5																	
- 8.5.7	8.5.6	● 8.5.6																	

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
			<ul style="list-style-type: none"> ● To add one section for the specified location for warning statements in pressure-mounted gates with wall cups or other mounting hardware; ● To revise the section number from 8.5.3 to 8.5.7 for labelling requirement for wall cups or other mounting hardware that packed in a hardware bag or similar container; ● To add one section for the content to be included in the instructions of pressure-mounted gates with visual side-pressure indicators; ● To add rationale for including visual side-pressure indicators' requirement in pressure-mounted gates. 	<ul style="list-style-type: none"> ● 8.5.7 – 8.5.7.3 ● 8.8 ● 9.5 ● X1.2.5.4

Children’s high chairs and multi-purpose high chairs for domestic use “8”

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
(i)	ASTM F404-20	ASTM F404-21 (January 2022)	<ul style="list-style-type: none"> ● To make editorial changes on the section numbers as follows: 	

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks		Affected Clauses (with reference to the Updated Standards)
			<p style="text-align: center;"><u>F404-20</u></p> <ul style="list-style-type: none"> - 7.7.2.1 - 7.7.2.4 and 7.7.2.5 - 7.7.2.6 - 7.7.2.4, 7.7.2.5 and 7.7.2.6 - 7.7.2.4 - 7.7.2.5 - 7.7.2.6 - 7.7.2.6(1) - 7.7.2.6(2) 	<p style="text-align: center;"><u>F404-21</u></p> <ul style="list-style-type: none"> 7.7.2.1 7.7.2.5 and 7.7.2.6 7.7.2.7 7.7.2.5, 7.7.2.6 and 7.7.2.7 7.7.2.5 7.7.2.6 7.7.2.7 7.7.2.7(1) 7.7.2.7(2) 	<ul style="list-style-type: none"> ● 6.5.1.1, 6.5.1.2 ● 6.5.1.1 ● 6.5.1.2 ● 7.7.2.1 ● 7.7.2.5 ● 7.7.2.6 ● 7.7.2.7 ● Note 13 ● 7.7.2.7(3) ● Note 11 ● 7.7.2.1 ● 7.7.2.3, 7.7.2.3 (1) – 7.7.2.3 (3)

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
			<ul style="list-style-type: none"> ● To revise a block of material with negligible weight may be used to stabilise the test weights in testing the high chair; ● To add one section specifying the tray position when attaching it to the high chair for testing; ● To revise the term “restraining system” to “restraint system”; ● To make editorial changes to the section numbers in rationale as follows: <ul style="list-style-type: none"> <li style="text-align: center;"><u>F404-20</u> <u>F404-21</u> - X1.69.4 – X1.69.5 – <li style="padding-left: 40px;">X1.69.4.4 X1.69.5.4 - X1.69.5 X1.69.6 - X1.69.6 X1.69.7 - X1.69.7 X1.69.8 - X1.69.8 X1.69.10 - X1.69.9 – X1.69.11 – <li style="padding-left: 40px;">X1.69.9.2 X1.69.11.2 - X1.69.10 – X1.69.12 – <li style="padding-left: 40px;">X1.69.10.4 X1.69.12.4 - X1.69.12 – X1.69.14 – <li style="padding-left: 40px;">X1.69.12.2 X1.69.14.2 - X1.69.13 – X1.69.15 – <li style="padding-left: 40px;">X1.69.13.2 X1.69.15.2 	<ul style="list-style-type: none"> ● Note 12 ● 7.7.2.4 ● Introduction, 7.8.6, 9.3.1–9.3.3 ● X1.69.5 – X1.69.5.4 ● X1.69.6 ● X1.69.7 ● X1.69.8 ● X1.69.10 ● X1.69.11 – X1.69.11.2 ● X1.69.12 – X1.69.12.4 ● X1.69.14 – X1.69.14.2 ● X1.69.15 – X1.69.15.2

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
			<ul style="list-style-type: none"> - X1.69.14 – X1.69.16 – X1.69.14.3 X1.69.16.3 ● To add rationale for the following sections: <ul style="list-style-type: none"> - Note 11; - 7.7.2.1; - 7.7.2.3; - 7.7.2.4; 	<ul style="list-style-type: none"> ● X1.69.16 – X1.69.16.3 ● X1.69.4 ● X1.69.5.5 ● X1.69.8.1– X1.69.8.3 ● X1.69.9 – X1.69.9.1

Wheeled child conveyances “12”

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
(i)	ASTM F833-19	ASTM F833-21 (August 2021)	<ul style="list-style-type: none"> ● To hyphenate the following terminologies: <ul style="list-style-type: none"> - double–action release mechanism - single–action locking mechanisms - quick–release mechanism; ● To revise the condition of testing conducted on a concrete floor from “shall” to “may” be covered with thick vinyl floor covering; 	<ul style="list-style-type: none"> ● 3.1.8, 7.5.5.3, Fig. 23 ● 3.1.8, 6.4.7.1, 7.5.5.2(3) ● 3.1.17 ● 4.1

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
			<ul style="list-style-type: none"> ● To add unit of temperature °F and °C in ambient temperature; ● To add unit of measurement for the terms to be expressed in inch (in.) and millimetre (mm); ● To revise each parking brake shall meet the requirements of this standard in all parking brake engagement positions; ● To revise the conformity to requirement for a parking brake release mechanism; ● To add three sections and two figures for the requirements of a parking brake release mechanism when evaluated for each seating position of the product; ● To add additional requirements for combination unit of a car seat on stroller; ● To make editorial changes on the figure numbers as follows: 	<ul style="list-style-type: none"> ● 4.4 ● 7.3.2, 7.3.3, 7.5.2.8, 7.5.3 ● 6.1.2 ● 6.1.3 ● 6.1.3.1 – 6.1.3.3, Fig. 7, Fig. 8 ● 6.6.1

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks		Affected Clauses (with reference to the Updated Standards)
			<p style="text-align: center;"><u>F833-19</u></p> <ul style="list-style-type: none"> - Fig. 7 - Fig. 8 - Fig. 9 - Fig. 10 - Fig. 11 - Fig. 12 - Fig. 13 - Fig. 14 	<p style="text-align: center;"><u>F833-21</u></p> <ul style="list-style-type: none"> Fig. 9 Fig. 10 Fig. 11 Fig. 12 Fig. 13 Fig. 14 Fig. 15 Fig. 16 	<ul style="list-style-type: none"> ● Fig. 9, 6.4.4, 7.5.2.8 ● Fig. 10, 6.4.6.1, X1.4 ● Fig. 11, 6.5, 7.7.3 ● Fig. 12, 6.8, 6.10, 7.12.1.3, 7.12.2.4, 7.18.6, X1.3 ● Fig. 13, 6.8, 6.10, 7.12.1.5, 7.12.2.6, 7.18.4, 7.18.5 ● Fig. 14, 7.3.2 ● Fig. 15, 7.4.1.2, 7.4.1.3, 7.5.2.1, 7.5.2.5, 7.11.1 ● Fig. 16, 7.4.2.2, X1.2

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			<ul style="list-style-type: none"> - Fig. 15 Fig. 17 - Fig. 16 Fig. 18 - Fig. 17 Fig. 19 - Fig. 18 Fig. 20 - Fig. 19a Fig. 21a - Fig. 19b Fig. 21b - Fig. 19c Fig. 21c - Fig. 19d Fig. 21d - Fig. 19 Fig. 21 - Fig. 20 Fig. 22 - Fig. 21 Fig. 23 - Fig. 22 Fig. 24 - Fig. 23 Fig. 25 - Fig. 24 Fig. 26 - Fig. 25 Fig. 27 	<ul style="list-style-type: none"> ● Fig. 17, 7.5.2.1, 7.5.2.8 ● Fig. 18, 7.5.4.2 ● Fig. 19, 7.5.4.2 ● Fig. 20, 7.5.4.6 ● Fig. 21, 7.5.5.1 (1) ● Fig. 21, 7.5.5.1 (2) ● Fig. 21, 7.5.5.2 (1) ● Fig. 21, 7.5.5.2 (2) ● 7.5.5.2 (3) ● Fig. 22, 7.5.5.2 (1), 7.5.5.2 (2), 7.5.5.2 (3) ● Fig. 23, 7.5.5.3 ● Fig. 24, 7.6.3 ● Fig. 25, 7.6.4 ● Fig. 26, 7.9.4.1 ● Fig. 27, 7.11.3

	Current Specified Standards	Updated Standards (Publication / Effective Date)	Major Changes / Remarks	Affected Clauses (with reference to the Updated Standards)
			<ul style="list-style-type: none"> - Fig. 26 Fig. 28 - Fig. 27 Fig. 29 - Fig. 28 Fig. 30 - Fig. 29 Fig. 31 - Fig. 30 Fig. 32 - Fig. 31 Fig. 33 - Fig. 32 Fig. 34 - Fig. 33 Fig. 35 - Fig. 34 Fig. 36 - Fig. 35 Fig. 37 - Fig. 36 Fig. 38 	<ul style="list-style-type: none"> ● Fig. 28, 7.13.1.4, 7.13.1.5 ● Fig. 29, 7.13.1.4, 7.13.1.5 ● Fig. 30, 7.13.2.3 ● Fig. 31, 7.15.1 ● Fig. 32, 7.15.2 ● Fig. 33, 7.16.1.1 ● Fig. 34, 7.16.1.2 ● Fig. 35, 7.17.2 ● Fig. 36, 7.18.2, 7.18.3 ● Fig. 37, 7.18.3 ● Fig. 38, 7.19.2