



ISO/TC 136 "Furniture"

Secretariat: **UNI**

Committee manager: **Tacca Fabrizio Mr**



ISO/CD 9098-1 - Form 8A

Document type	Related content	Document date	Expected action
Project / Other	Project: ISO/CD 9098-1	2022-04-20	INFO



Form 8A: Committee decision for DIS

Secretariat:	ISO/TC 136
UNI	N 792
Project number and title: ISO/CD 9098-1 - Bunk beds for domestic use — Safety requirements and tests — Part 1: Safety requirements	

This form should be sent to the ISO Central Secretariat (<http://isotc.iso.org/livelink/si/>), together with the draft of the project, by the secretariat of the technical committee or subcommittee concerned.

The accompanying document is submitted for circulation to member body vote: <input checked="" type="checkbox"/> As a DIS
Consensus has been obtained from the P-members of the committee: on 2021-11-27 <input type="checkbox"/> At the meeting of . See Resolution number . In document N . <input checked="" type="checkbox"/> By ballot initiated on 2021-10-01 Please attach a copy of the ballot results (if applicable)

Listing of the P-members (NWIP, CD or Resolution)	
P-members in favour:	17
Australia (SA), Austria (ASI), Belgium (NBN), China (SAC), Czech Republic (UNMZ), Denmark (DS), Egypt (EOS), France (AFNOR), Germany (DIN), Italy (UNI), Japan (JISC), Nigeria (SON), Philippines (BPS), Poland (PKN), Sweden (SIS), United Kingdom (BSI), United States (ANSI)	
P-members voting against:	0

P-members abstaining: 9 Canada (SCC), Finland (SFS), Iran, Islamic Republic of (INSO), Ireland (NSAI), Malaysia (DSM), Netherlands (NEN), Norway (SN), Serbia (ISS), Spain (UNE)
P-members who did not vote: 0
Remarks:

I hereby confirm that this draft meets the requirements of Part 2 of the ISO/IEC Directives:		
Secretariat: UNI	Date: 2022-04-20	Name/Signature of Committee Manager Tacca, Fabrizio Mr

Result of voting

Ballot Information

Ballot reference	ISO/CD 9098-1
Ballot type	CD
Ballot title	Bunk beds for domestic use — Safety requirements and tests — Part 1: Safety requirements
Opening date	2021-10-01
Closing date	2021-11-26
Note	

Member responses:

Votes cast (26)	Australia (SA) Austria (ASI) Belgium (NBN) Canada (SCC) China (SAC) Czech Republic (UNMZ) Denmark (DS) Egypt (EOS) Finland (SFS) France (AFNOR) Germany (DIN) Iran, Islamic Republic of (INSO) Ireland (NSAI) Italy (UNI) Japan (JISC) Malaysia (DSM) Netherlands (NEN) Nigeria (SON) Norway (SN) Philippines (BPS) Poland (PKN) Serbia (ISS) Spain (UNE) Sweden (SIS) United Kingdom (BSI) United States (ANSI)
Comments submitted (1)	Jamaica (BSJ)
Votes not cast (0)	

Questions:

Q.1	"Do you approve the circulation of the draft as a DIS?"
------------	---

Votes by members	Q.1
Australia (SA)	Approval
Austria (ASI)	Approval
Belgium (NBN)	Approval
Canada (SCC)	Abstention
China (SAC)	Approval
Czech Republic (UNMZ)	Approval
Denmark (DS)	Approval with comments
Egypt (EOS)	Approval
Finland (SFS)	Abstention
France (AFNOR)	Approval
Germany (DIN)	Approval
Iran, Islamic Republic of (INSO)	Abstention
Ireland (NSAI)	Abstention
Italy (UNI)	Approval with comments
Japan (JISC)	Approval
Malaysia (DSM)	Abstention
Netherlands (NEN)	Abstention
Nigeria (SON)	Approval
Norway (SN)	Abstention
Philippines (BPS)	Approval
Poland (PKN)	Approval
Serbia (ISS)	Abstention
Spain (UNE)	Abstention
Sweden (SIS)	Approval with comments
United Kingdom (BSI)	Approval with comments
United States (ANSI)	Approval

Answers to Q.1: "Do you approve the circulation of the draft as a DIS?"		
13 x	Approval	Australia (SA) Austria (ASI) Belgium (NBN) China (SAC) Czech Republic (UNMZ)

		Egypt (EOS) France (AFNOR) Germany (DIN) Japan (JISC) Nigeria (SON) Philippines (BPS) Poland (PKN) United States (ANSI)
4 x	Approval with comments	Denmark (DS) Italy (UNI) Sweden (SIS) United Kingdom (BSI)
0 x	Disapproval	
9 x	Abstention	Canada (SCC) Finland (SFS) Iran, Islamic Republic of (INSO) Ireland (NSAI) Malaysia (DSM) Netherlands (NEN) Norway (SN) Serbia (ISS) Spain (UNE)

Comments from Voters		
Member:	Comment:	Date:
Denmark (DS)	<i>Comment File</i>	2021-11-19 12:33:08
Italy (UNI)	<i>Comment File</i>	2021-11-12 09:14:31
Sweden (SIS)	<i>Comment File</i>	2021-11-24 15:40:32
United Kingdom (BSI)	<i>Comment File</i>	2021-11-10 18:22:09

Comments from Commenters		
Member:	Comment:	Date:
Jamaica (BSJ)	<i>Comment</i>	2021-11-23 16:27:08
Jamaica wishes to abstain.		

Template for comments and secretariat observations

Date:2021-11-27

Document: ISO/TC 136 N 765

Project: ISO/CD 9098-1

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
SE-001					ISO 9098 -1 Should align with European standard EN 747-1 <i>Furniture - Bunk beds and high beds - Part 1: Safety, strength and durability requirements</i>	see draft in CEN/TC 207/WG 2 N 1259	Noted
DK-002				ge	The Danish YES vote is to show that in principle, we are in favour of the draft. However, we are not making any detailed comments at this stage, because we are waiting for the Enquiry of prEN 747-1 and the resolution of comments. Ideally, we would like the two standards to be as identical as possible, so that manufacturers can cover both standards with one test.		Noted
GB-003			Figure 1		There is no title for the figure	Add 'Figure 1 – Examples of a vertically protruding part'	Accepted
GB-004		1	2	Ed	Correct number in line with ISO rules	Replace 1400 mm with '1 400 mm'	Accepted
GB-005		1	2	Ed	Correct number in line with ISO rules	Replace 1200 mm with '1 200 mm'	Accepted
GB-006		1	2	Ed	Simplify text	Change 'with a height to the upper surface' to 'with the upper surface'	Accepted
GB-007		1	3	Ed	Improve the English	Change 'other products included' to ' other products incorporated'	Accepted
GB-008		3.1	1	Ed	Cover multiple types of bunk bed	Change 'upper surface of the top bed base' to 'upper surface of any bed base'	Accepted
GB		3.6	1	Ed	Change to plural	Change to: 'Side rails	Accepted

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2021-11-27

Document: ISO/TC 136 N 765

Project: ISO/CD 9098-1

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
-009						Longitudinal members....'	
GB-010		3.8	1	Ed	Improve English	Delete 'an'	Accepted
GB-011		3.9	1	Ed	Improve English	Delete 'an'	Accepted
GB-012		3.10	1	Ed	Improve English	Change to 'bed for which the upper...'	Accepted
GB-013		3.11	1	Ed	Improve the English	Change test to 'egress from an upper bed or an access platform.'	Accepted
GB-014		4.1.1	2	Te	It is possible that an 'open-ended tube' may have a diameter large enough to prevent risk, or limited in depth to minimise risk	Suggest putting size/depth limitations e.g. 'no open-ended tubes greater than 7 mm in diameter and less than 12 mm in diameter, and a depth greater than 10 mm' – e.g. is an open-ended tube a completely bound opening?	Noted, further discussion needed after the CEN meeting.
GB-015	1	4.1.1	b)	Te	The UK have opposed this statement, as we believe a vertical protrusion of 600 mm still presents a safety risk	Delete bullet point b)	Noted, further discussion needed after the CEN meeting.
GB-016		4.1.3.1	2	Ed	Fall down is the same as become detached	Change to 'shall not break or become detached.'	Accepted but it should be 4.1.3.4.
GB-017		4.1.3.1	Title	Ed	This clause only relates to bunk beds so amend clause title	Change to 'Free space between bed bases in bunk beds'	Accepted
GB-018		4.1.3.3	1	Ed	Improve text, as there may be multiple bed bases	Change to 'The bed base(s) shall allow for ventilation'	Accepted

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2021-11-27

Document: ISO/TC 136 N 765

Project: ISO/CD 9098-1

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
GB-019		4.1.3.4	1	Ed	Improve English	Change to 'if the bed base(s) and/or its elements'	Accepted
GB-020		4.1.4.1		Ed	Improve text to make it clear that only the upper bed is required to have the safety barrier	Change text to 'Any upper bed shall be equipped with...'	Accepted
GB-021		4.1.4.2	2	Ed	Improve English	Change text to 'the opening for access in the safety barrier shall have a width...'	Accepted
GB-022		4.1.5.1	1	Ed	Improve English	Change to 'Each upper bed shall have a separate means of access.'	Accepted, change to "Any upper bed shall have a separate means of access."
GB-023		4.1.5.1	3	Ed	Improve English	Change to 'The bed frame of any upper bed is not considered to be a tread.'	Accepted
GB-024		4.1.5.2	1	Te	Add a reference to the test method	Change to 'When tested in accordance with 6.3.1. of ISO 9098-2:202X, the gap between..'	Accepted
IT-025		4.1.5.2	1 st	Te	The refence to the test method is needed.	Add: "When tested according to 6.3.1 of ISO 9098-2, the gap between ..."	See 024
GB-026		4.1.5.3	10	Ed	Improve English	Change text to 'With the exception of any upper bed, the bed frame...'	Accepted
IT-027		4.1.5.3	10 th	Ed	Wrong clause reference	Change 4.1.5.1 with 4.1.5.2 (Gaps and openings)	Partly accepted, change this sentence to "With the exception of any upper bed, the bed frame can be used as a tread as long as the requirements in 4.1.5.1 and

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2021-11-27

Document: ISO/TC 136 N 765

Project: ISO/CD 9098-1

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
							4.1.5.2 are fulfilled."
GB-028		4.1.5.3	2	Ed	Improve English	Change text to 'the safety barrier, the distance between...'	Accepted
GB-029		4.1.5.4	1	Ed	Improve English	Change to 'The uppermost tread of stairs is considered....'	Accepted
GB-030		4.1.5.4	Title	Ed	Improve English	Change title to 'Stairs and handrails'	Accepted
IT-031		4.1.5.4.1	1 st	Ed	Information not needed	Change with: "The uppermost tread of stairs is considered to be the access platform"	Accepted, change this sentence to "The uppermost tread of stairs is considered to be the access platform (see Figure 6). "
GB-032		4.1.5.5.1	1	Ed	Improve English	Change text to 'the width of the opening for access to the sleeping surface (see Figure 6).'	Accepted
IT-033		4.1.5.5.1	1 st – 2 nd	Ed	Specification is needed	Add "to the sleeping surface" after "opening for access"	Accepted
GB-034		4.1.5.5.1	2	Ed	Improve English	Change text to 'in line with the opening for access to the sleeping surface. (see figure 6.A).'	Accepted
GB-035		4.1.5.5.2	2	Ed	The height should be above the upper surface of the platform	Change text to 'The height of the top of the platform barriers shall be at least 600mm above the he upper surface of the access platform	Partly accepted
IT-036		4.3	1 st	Te	Only the durability of frame and fastening should be referred, because clause 6.4.2 of ISO 9098-2 is referred to a lot of tests. Clause 6.5 regarding stability test is already cited in clause 4.4	Modify: "Regardless of the manufacturer's instructions the test according to 6.4.4 of ISO 9098-2 is applicable to all beds which can be free standing."	Partly accepted. Change the sentence to "Regardless of the manufacturer's instructions

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2021-11-27

Document: ISO/TC 136 N 765

Project: ISO/CD 9098-1

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
						Delete the reference to 6.5	the durability test according to 6.4.4 of ISO 9098-2:202X are applicable to all beds which can be free standing.” And change the clause title to “Durability of frame and fastenings”.
GB-037		4.5	1	Ed	Make it clear this is only for bunk beds	Change test to ‘For bunk beds the upper bed shall....’	Accepted
IT-038		4.5	1 st	Ed	This test is applicable on bunk beds, to verify the connection between lower bed to upper bed	Modify: “ For bunk beds, the higher bed shall be connected to the lower bed in such a manner that it does not disconnect when tested according to 6.6 of ISO 9098-2.”	Accepted, see 037
IT-039		5	5 th	Te	Specify that also a high bed is not suitable for children under six years.	Modify: If the product is a bunk bed: WARNING: the upper bed is not suitable for children under six years due to the risk of injury from falls. If the product is a high bed: WARNING: this bed is not suitable for children under six years due to the risk of injury from falls.	Partly accepted. Change the sentence to: for bunk beds: WARNING "The upper bed(s) are not suitable for children under six years due to the risk of injury from falls"; for high beds: WARNING "The bed is not suitable for children under six years due to the risk of injury from falls"
GB-040	-	5	a)	Ed	Improve readability	Change to a) for bunk beds: WARNING “The upper bed is not suitable for children under six years due to the risk of injury for falls.” Or for high beds: WARNING “The bed is not suitable for children under six years due to the risk of injury for falls.”	Partly accepted. See 039.
GB-041		5	f)	Ed	Change the word information to warning	Change to ‘the following warning shall be provided:’	Accepted and revise e) as well.

¹ **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

² **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2021-11-27

Document: ISO/TC 136 N 765

Project: ISO/CD 9098-1

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
GB-042		5	h)	Ed	Add clarity	Change text to 'The recommended size of the mattress(es) (e.g. length, width and height)'	Partly accepted. Delete h) and change l) to "the recommended size of the mattress(es) (e.g. length, width) and the maximum thickness of the mattress (see 4.1.4.2) as well as information regarding the mattress;"
GB-043		5	l)	Ed	This is a repeat of h)	Delete l)	Partly accepted. See 042.
GB-044		5	Title	Ed	Suggest renaming as Product information	Rename as product information	Accepted
GB-045		6	-	Ge	Suggest moving to 5.1 and renumber instructions as 5.2	Move to 5.1	Accepted
GB-046		6	d)	Ed	Improve English	Change to 'either the text or a pictogram when in use as follows:'	Accepted
GB-047		7	a)	Ed	Improve English	Change text to 'name and/or trademark..'	Accepted
GB-048		7	b)	Ed	Improve English	Change text to 'A statement or pictogram...'	Accepted
GB-049		7	c)	Ed	Improve English	Change text to 'The recommended size of the mattress(es) (e.g. length, width and height)'	Partly accepted. Change the sentence to "the recommended size of the mattresses(es) (e.g. length, width and maximum

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2021-11-27

Document: ISO/TC 136 N 765

Project: ISO/CD 9098-1

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
							thickness)''
GB- 050		A.4	-	-	Add 'Access platforms as a title and renumber.	Make A.4 Access platforms	Accepted
GB- 051		A.4	-	Te	Add rationale as to why higher loads are used on the access platform and associated safety barriers than the bed base.	Add 'The access platform is used by one, or more persons standing on the platform, and leaning against barriers. The load a user can apply to these is higher than that they would apply while lying on the bed base.'	Accepted
GB- 052		A.4	-	Ed	Improve text and align with EN 747	Change text for access platforms to 'The standard allows there to be an opening in the safety barrier at the end of the upper bunk only when the bunk bed is fitted with a platform protected by its own barriers. To ensure any fall hazard associated with such an opening is minimized, the platform always needs to be fitted when the bunk bed is assembled for use. Clear instructions are required, to avoid any potential incorrect assembly.	Accepted. Change A.4 to: The standard allows there to be an opening in the safety barrier at the end of the upper bunk only when the bunk bed is fitted with a platform protected by its own barriers. To ensure any fall hazard associated with such an opening is minimized, the platform always needs to be fitted when the bunk bed is assembled for use. The access platform is used by one, or more persons standing on the platform, and leaning against barriers. The load a user can apply to these is higher than that they would apply while lying on the bed base. Clear instructions are required, to avoid any potential incorrect assembly.
GB- 053		A.5		Ed	A.5 Platforms is not needed	Delete A.5 Platforms.	Accepted

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2021-11-27

Document: ISO/TC 136 N 765

Project: ISO/CD 9098-1

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
GB-054		Annex A		Te	Add rationale for distance between treads	Add 'Distance between treads The distance between treads is equidistant to avoid mis-stepping when leaving the upper bed, particularly in the dark.'	Accepted
GB-055		Annex A		Te	Add rationale for opening for access	To be discussed – it is not clear which opening is to be clarified (on the side or end).	Noted. This part should keep in line with EN 747-1 Annex A.
GB-056		Annex A	Title	Te	Make Annex A Informative	Add Informative	Accepted
GB-057		Annex B	Tables	Ed	Remove the word Annex from the title of the tables	Remove the word Annex from the title of the tables	Accepted
GB-058		Annex B	Title	Te	Make Annex B Informative	Add Informative	Accepted
GB-059		Foreword			Missing addition of requirements for platform and stairs	Add to foreword 'Introduction of access platforms and stairs.'	Accepted
GB-060		Table B.1	06.4.6.1	Te	A force of 500 N is too low to simulate use	Increase load to 750 N	Accepted
GB-061		Table B.1	06.4.6.1	Te	A horizontal inward force does not simulate normal use	Delete the requirement for a horizontal inward force	Not accepted
GB-062		Table B.3	06.4.2.3	Ed	A reference to loading point A and B is not needed	Delete loading point B and delete reference to loading point A	Partly accepted And change to "vertical force"

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

ISO_CD 9098-1_BSI.doc: Collation successful

ISO_CD 9098-1_DS.doc: Collation successful

ISO_CD 9098-1_SIS.doc: Collation successful

ISO_CD 9098-1_UNI.doc: Collation successful

Collation of files was successful. Number of collated files: 4

SELECTED (number of files): 4

PASSED TEST (number of files conformed to CCT table model): 4

FAILED TEST (number of files conformed to CCT table model): 0

CCT - Version 2020.1