

TEST REPORT EN 1725 Furniture — Beds — Requirements for safety, strength and durability	
Report Number:	EBSZ250304055S
Tested by (name + signature):	Jack Luo 
Approved by (name + signature):	Tommy Wei 
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Testing Laboratory preparing the Report:	Guangdong Eurber Testing Co., Ltd. Room 401/402, Building A, Tangxi Zhigu, No.21, Xijing Road, Gushu, Xixiang Subdistrict, Bao'an District, Shenzhen, China
Applicant's name:	Shanghai Qixi Household Products Co., Ltd.
Address:	1403, Building 1, Jiuting Jindi Plaza, Songjiang, China
Test specification:	
Standard :	EN 1725:2023
Test procedure:	Type test (GPSR)
Non-standard test method:	N/A
Test Report Form No:	EN 1725_trf
Test Report Form(s) Originator :	EurBer
Master TRF:	Dated 2024-01
General disclaimer:	The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting EurBer, responsible for this Test Report.
Test item description:	Spring mattress
Trade Mark:	Owllight
Manufacturer:	Shanghai Qixi Household Products Co., Ltd. No. 16 Mingyang Road, Beiqiao Town, Xiangcheng District, Suzhou City, Jiangsu Province
Model/Type reference:	SA6429
Technical data:	--



Marking

Spring mattress

Ref.: SA6429



DDMMYYYY

Made in China

Shanghai Qixi Household Products Co., Ltd.

Above marking for representing the other models.

CE marking min. 5mm height.

Possible test case verdicts:

- test case does not apply to the test object.....: N/A
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement.....: F (Fail)

Testing..... :

Date of receipt of test item.....: 2025-02-19

Date (s) of performance of tests.....: 2025-02-19 to 2025-03-12

General remarks:

The test results presented in this report relate only to the object tested.

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"(see Enclosure #)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a comma / point is used as the decimal separator.

General product information:

Spring mattress intended for household use.

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Clause	Requirement - Test	Result - Remark	Verdict
1	Scope		—
2	Normative references		—
3	Terms and definitions		—
4	Test procedures and tolerances		—
4.1	General		P
	For all tests referred to in this document, ISO 19833:2018, Clause 4 "General test conditions", Clause 5 "Test apparatus" and 6.1 "General" apply with the exception of the test mattress.		P
	Unless otherwise specified, the tests shall be carried out according to ISO 19833:2018.		P
	If a test cannot be carried out as specified, the test shall be conducted in such a way that it comes as close as possible to the specified requirements. Any modification to the test method shall be technically justified and recorded in the test report.		N/A
4.2	Sequence of testing		P
	The tests shall be carried out in the same sequence as the clauses are numbered in Table 2 of this document.		P
	With the exception of test no. 10 (EN 13759:2012), Table 2, all tests specified shall be carried out on the same sample.		P
4.3	Tolerances		P
	Unless otherwise stated, the following tolerances are applicable:		—
	— Forces: ± 5 % of the nominal force;		P
	The forces may be replaced by masses. The relationship $10 N = 1$ kg shall be used.		P
	— Masses: ± 1 % of the nominal mass;		P
	— Dimensions: all dimensions less than 200 mm shall have an accuracy of ± 1 mm of the nominal dimension, the other dimensions shall have an accuracy of $\pm 0,5$ %;		P
	— Angles: $\pm 1^\circ$ of the nominal angle.		P
5	Test apparatus		—
6	Safety requirements		—
6.1	General requirements		P
	The bed shall be designed so as to minimize the risk of injury to the user.		P
	All parts of the bed with which the user comes into contact during intended use, shall be designed so that physical injury and damage are avoided.		P
	This requirement is met when:		—

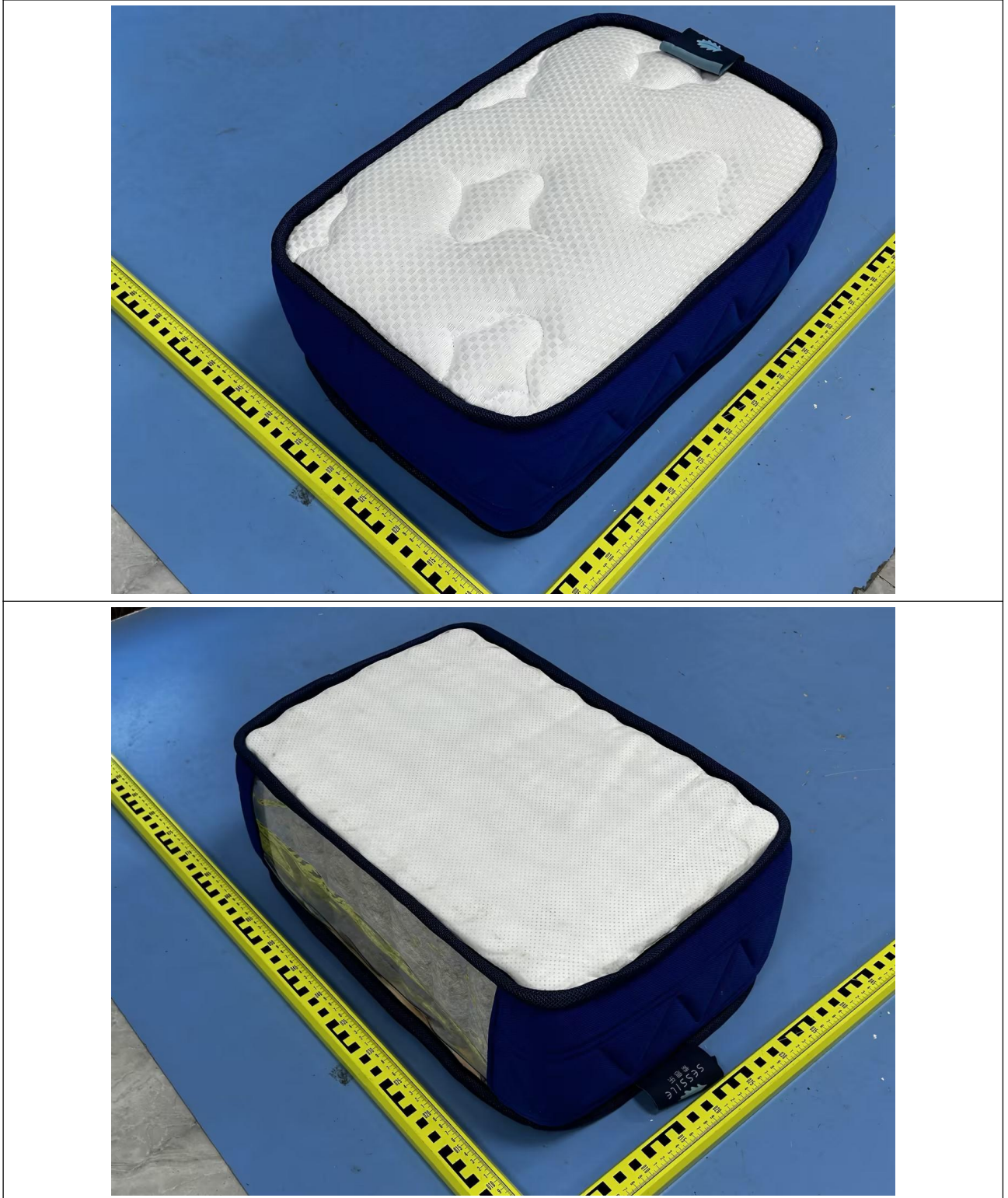
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Clause	Requirement - Test	Result - Remark	Verdict
	a) edges which are directly in contact with the user are rounded or chamfered;		P
	b) all other edges accessible during intended use are free from burrs and/or sharp edges and corners.		P
	Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.		P
	It shall not be possible for any load bearing part of the bed to come loose unintentionally.		P
6.2	Holes in tubular or rigid components		N/A
	There shall be no holes in tubular components or holes in rigid components in accessible parts between 8 mm and 12 mm, unless the depth of penetration is less than 10 mm. This requirement is fulfilled if there is no hazard present when tested in accordance with A.1.		N/A
6.3	Shear and compression points		P
6.3.1	General		P
	The requirements contained in 6.3.2, 6.3.3 and 6.3.4 do not apply to electrically operated furniture.		P
	NOTE The requirements for electrically operated furniture will be provided in EN 17684, which is under development.		—
6.3.2	Shear and compression points when setting up and folding		P
	Unless 6.3.3 or 6.3.4 are applicable, shear and compression points that are created only during setting up and folding are acceptable, because the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately upon experiencing pain.		P
	The edges of parts moving relative to each other and creating shear and compression points shall be as specified in 6.1.		P
6.3.3	Shear and compression points under influence of powered mechanisms		P
	With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 25 mm, and more than 8 mm in any position during movement that could present a risk of injury to the user, created by parts of the furniture operated by powered mechanisms, e.g. mechanical springs and gas lifts.		P
	This requirement is fulfilled if there is no hazard present when tested in accordance with A.2.2.		P
6.3.4	Shear and compression points during use		P

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Clause	Requirement - Test	Result - Remark	Verdict
	With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 18 mm, and more than 8 mm in any position that could present a risk of injury to the user, created by loads applied during normal use.		P
	The loads used for durability tests are considered representative of normal use.		P
	This requirement is fulfilled if there is no hazard present when tested in accordance with A.2.3.		P
6.4	Entanglement hazards	No such hazards.	N/A
6.4.1	General		N/A
	This requirement only applies to beds where a pull, cord or loop is used to lift and close the bed base to access storage areas, and where the pull, cord or loop is 600 mm or more above the floor when the bed base is in the open position (see B.2).		N/A
6.4.2	Requirements		N/A
	Pulls, cords and similar parts shall have a maximum free length of 220 mm when tested in accordance with 6.3.3.		N/A
	Where pulls, cords and similar parts are attached to the bed base, or within 80 mm of each other, all single cords shall have a maximum free length of 220 mm and the combined length from one loose end to the end of another loose end shall be a maximum of 360 mm (see Figure 2).		N/A
	If it is possible to form a loop with cords, ribbons or part used as ties the peripheral dimension shall be a maximum of 360 mm, when tested in accordance with 6.3.3.		N/A
	Monofilament threads shall not be used.		N/A
6.4.3	Test method		N/A
	The length of a pull, cord or similar part shall be measured from the fixing point on the bed base to the free end of the pull, cord or similar part under a 25 N tensile force.		N/A
	The peripheral dimension of a loop shall be measured from the fixing point on the bed base of one end of the loop to the fixing point of the other end under a 25 N tensile force.		N/A
6.5	Durability of electrically operated bed mechanism		N/A
6.5.1	Requirement		N/A
	After testing in accordance with 6.5.2 and Table 2 (test no. 11), the electrically operated function shall continue to operate.		N/A
6.5.2	Functional assessment		N/A

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	In order to determine the appropriate test procedure(s) for the item of furniture, the functional operation(s) shall be examined.		N/A
	The examination shall be used to describe the manner of operation of the item of furniture. The description shall include at least the following:		—
	— means of operation;		N/A
	— stages of operation;		N/A
	— time taken to carry out operation(s).		N/A
6.5.3	Test method		N/A
	Testing shall be carried out as closely to the manner of operation described (see 6.5.2) as is practically possible, and sufficiently slowly to ensure that kinetic heating does not occur. If no mattress is recommended by the manufacturer place the adult test mattress (see 5.1) on the sleeping surface. The test mattress shall be large enough to support the whole area of the test dummy.		N/A
	Load the bed using the test dummy (see 5.2).		N/A
	One cycle is defined as the complete sequence of steps until return to the starting point, for example the complete operation of raising and lowering of a bed (see B.3).		N/A
	The duty cycle for electrically operated bed mechanisms includes the amount of time the drive system may be operated and the amount of time it shall not be operated to allow the drive system to cool sufficiently before it is activated again. The duty cycle shall be as recommended by the manufacturer. When the duty cycle is not recommended by the manufacturer, the duty cycle shall be “three cycles on and then off for the equivalent time it takes to run 15 cycles.”		N/A
	NOTE The duty cycle can be increased when temperature control is agreed with the manufacturer.		—
6.6	Stability, strength and durability		P
6.6.1	General		P
	The bed shall be tested according to Table 2.		P
6.6.2	Stability, strength and durability requirements		P
	The safety, stability, strength and durability requirements are fulfilled when during and after testing in accordance with Table 2:		—
	a) there are no fractures of any member, joint or component;		P
	b) there is no loosening of joints intended to be rigid;		P
	c) the bed fulfils its functions after removal of the test loads;		P
	d) the folding legs shall not fold under test forces;		P
	e) when tested according to Table 2, test 12 the test unit shall not overturn.		P
7	Information for use		—

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Clause	Requirement - Test	Result - Remark	Verdict
	Information for use shall be available in the language of the country in which it will be delivered to the end user. It shall contain at least the following details:		—
	a) assembly instructions, where applicable;		P
	b) instructions for the care and maintenance of the bed;		P
	c) information on the size of the manufacturer's recommended mattress, where applicable;		P
	d) information on the maximum weight of the manufacturer's recommended mattress, where applicable (e.g. electrically operated beds, lifting bed mechanism).		P
8	Test report		—
	The test report shall include at least the following information:		—
	a) reference to this document (i.e. EN 1725);		P
	b) details of the item of furniture and, if applicable, mechanism tested, including the manner of operation and relevant data;		P
	c) details of defects observed before testing;		P
	d) manner of mounting, if appropriate;		P
	e) test results;		P
	f) any modification to the test method;		P
	g) name and address of the test facility;		P
	h) date of test.		P
Annex A	Test methods for finger entrapment and shear and compression		P
Annex B	Rationale		P

Appendix: Photos of unit



---END OF TEST REPORT---