

Test Report

Number: GZHH00502926

Applicant: OLIN OFFICE FURNITURE CO.,LTD
1#, 1ST ROAD, INDUSTRIAL AVENUE, ZHONGYI
VILLAGE, YINGMING, SHATOU, JIUJIANG
TOWN, NANHAI DISTRICT, FOSHAN CITY

Date: Aug 24, 2023

Attn: NELSON

Sample Description:

One (1) piece of submitted sample said to be :
Item Name : **Computer Desk**
Item No. : **CT-3581A**
Date Sample Received : Jul 26, 2023 & Aug 16, 2023
Testing Period : Jul 26, 2023 to Aug 23, 2023



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued

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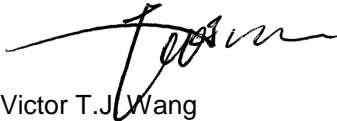
Conclusion:

Tested Sample
Submitted Sample

Standard
EN 12521: 2015 – Furniture-Strength, Durability and
Safety-Requirements for Domestic Tables

Result
Pass

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines



Victor T.J. Wang
Assistant General Manager



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Intertek Testing Services Shenzhen Limited, Guangzhou Branch

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Tests Conducted

1 Domestic Tables Test

With reference to EN 12521: 2015 – Furniture - Strength, Durability and Safety - Requirements for Domestic Tables, the submitted sample was subjected to the following tests:

Number of sample tested: One (1) piece.

Overall dimensions: 1000 mm W x 550 mm D x 815 mm H.

Weight: 21.4 kg.

Table type: All other tables.

Initial inspection: No any damage was found.

Executive summary:

Clause	Test items	Verdict
1	Scope	-
2	Normative references	-
3	Terms and definitions	-
4	Test conditions and test sequence Ageing, the item shall be old enough to ensure that it has developed its full strength. Product shall be stored at least 24h in normal indoor climate (20±5) °C before testing.	-
5	Safety requirements	-
5.1	General The table shall be so designed as to minimize the risk of injury to the user. All parts of the table with which the user comes into contact during intended use shall be so designed that physical injury and damage are avoided. These requirements are met when: a) the edges of table tops which are directly in contact with the user are rounded or chamfered. All other edges accessible during use shall be free from burrs and/or sharp edges; b) the ends of hollow components are closed or capped. Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. It shall not be possible for any load bearing part of the table to come loose unintentionally. All parts that are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.	P
5.2	Shear and squeeze points	-
5.2.1	Shear and squeeze points when setting up and folding Unless 5.2.2 or 5.2.3 are applicable, shear and squeeze points, as defined in 3.3, that are created only during setting up and folding, including the installation of extensions to the main table surface 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. The edges of parts moving relative to each other and creating shear and squeeze points shall be as specified in 5.1.	P
5.2.2	Shear and squeeze points under influence of powered mechanisms There shall be no shear and squeeze points created by parts of the table operated by powered mechanisms, i.e. springs, gas lifts and motorized systems.	NA



Tests Conducted

Clause	Test items	Verdict																					
5.2.3	Shear and squeeze points during use There shall be no shear and squeeze points created by forces applied during normal use. There shall be no shear and squeeze points if a hazard is created by the user during normal movements and actions, e.g. attempting to move the table.	P																					
5.3	Stability Note: The stability tests were carried out before and after the structure strength tests.	-																					
5.3.1	Stability under vertical load	-																					
5.3.1.1	General Tables that can be set to heights both above and below 950 mm shall be tested to both 5.3.1.2 and 5.3.1.3.	P (See clause 5.3.1.2)																					
5.3.1.2	Test for tables that are or can be set to a height of 950 mm or less The table shall be set to the height most likely to overturn the table, but not more than 950 mm. The table shall not overturn when tested according to EN 1730:2012, 7.2.2, using the forces specified within the following Table. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Loading</th> <th style="width: 35%;">Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²</th> <th style="width: 35%;">All other tables</th> </tr> </thead> <tbody> <tr> <td>Test force, N: Main surface</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">V1</td> <td style="text-align: center;">200</td> <td style="text-align: center;">200</td> </tr> <tr> <td style="text-align: right;">V2</td> <td style="text-align: center;">400</td> <td style="text-align: center;">400</td> </tr> <tr> <td>Ancillary surface</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">V1</td> <td style="text-align: center;">-</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: right;">V2</td> <td style="text-align: center;">-</td> <td style="text-align: center;">200</td> </tr> </tbody> </table>	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m ²	All other tables	Test force, N: Main surface			V1	200	200	V2	400	400	Ancillary surface			V1	-	100	V2	-	200	P
Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m ²	All other tables																					
Test force, N: Main surface																							
V1	200	200																					
V2	400	400																					
Ancillary surface																							
V1	-	100																					
V2	-	200																					
5.3.1.3	Test for tables that are or can be set to a height greater than 950 mm The table shall be set to the height most likely to cause overturning, but not less than 950 mm. The table shall not overturn when tested according to EN 1730:2012, 7.2.3, using 50 % of the forces specified within the following Table. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Loading</th> <th style="width: 35%;">Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²</th> <th style="width: 35%;">All other tables</th> </tr> </thead> <tbody> <tr> <td>Test force, N: Main surface</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">V1</td> <td style="text-align: center;">200</td> <td style="text-align: center;">200</td> </tr> <tr> <td style="text-align: right;">V2</td> <td style="text-align: center;">400</td> <td style="text-align: center;">400</td> </tr> <tr> <td>Ancillary surface</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">V1</td> <td style="text-align: center;">-</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: right;">V2</td> <td style="text-align: center;">-</td> <td style="text-align: center;">200</td> </tr> </tbody> </table>	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m ²	All other tables	Test force, N: Main surface			V1	200	200	V2	400	400	Ancillary surface			V1	-	100	V2	-	200	NA
Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m ²	All other tables																					
Test force, N: Main surface																							
V1	200	200																					
V2	400	400																					
Ancillary surface																							
V1	-	100																					
V2	-	200																					



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Clause	Test items	Verdict						
5.3.2	Stability for tables with extension elements Load each extension element with the load specified in the following Table.	P						
	<table border="1"> <thead> <tr> <th>Component</th> <th>Load</th> </tr> </thead> <tbody> <tr> <td>Extension elements designed for suspended filing only</td> <td>1,25 kg/dm</td> </tr> <tr> <td>Other extension elements</td> <td>0,2 kg/dm³</td> </tr> </tbody> </table>		Component	Load	Extension elements designed for suspended filing only	1,25 kg/dm	Other extension elements	0,2 kg/dm ³
	Component		Load					
	Extension elements designed for suspended filing only		1,25 kg/dm					
Other extension elements	0,2 kg/dm ³							
For tables with extension elements not fitted with interlocks open all extension elements in the least favourable combination. For tables with extension elements fitted with interlocks open the two extension elements with the largest loads without overriding the interlock. If an interlock device prevents any two of the extension elements from being opened simultaneously, open the extension element with the largest load. The table shall not overturn when the vertical force specified in the following Table is applied at the centre of the front of the table, through a loading pad (EN 1730:2012, 5.4), 50 mm from the edge.								
<table border="1"> <thead> <tr> <th>Loading</th> <th>Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²</th> <th>All other tables</th> </tr> </thead> <tbody> <tr> <td>Test force, N</td> <td>-</td> <td>200</td> </tr> </tbody> </table>	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m ²	All other tables	Test force, N	-	200		
Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m ²	All other tables						
Test force, N	-	200						
6	Stability, strength and durability The strength and durability requirements are fulfilled when after testing in accordance with Table 2: a) there are no fractures of any member, joint or component, b) there is no loosening of joints intended to be rigid, c) the table fulfils its functions after removal of the test loads, d) the table fulfils the stability requirements.	P (See remark 1)						
7	Information for use 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, b) instructions for the care and maintenance of the table.	P						

Abbreviation: P = Pass; NA = Not Applicable



Tests Conducted

Remark:

1. Strength and durability:

With reference to EN 1730:2012 – Furniture - Tables - Test Methods for Determination of Strength, Durability and Stability and EN 14072:2003, the submitted sample was subjected to the following tests:

Executive summary:

Clause	Test items			Verdict
6.1.1	EN 1730:2012, clause 6.2 Horizontal static load test			P
	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables	
	Test force <i>F</i> _{1...4} , N	200	400	
	Minimum horizontal force, N	100	200	
6.1.2	EN 1730:2012, clause 6.3 Vertical static load test			P
	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables	
	Test force, N	1 000	-	
	a) main surface for tables with a height less than or equal to 600 mm			
6.1.3	EN 1730:2012, clause 6.4.1/ 6.4.2 Horizontal durability test			P
	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables	
	Test force <i>F</i> _{a..d} , N	150	300	
	Specified mass, kg	50	50	
6.1.4	EN 1730:2012, clause 6.5 Vertical durability test for cantilever or pedestal tables			NA
	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables	
	Test force, N	300	300	
	Cycles	-	10 000	



Tests Conducted

Clause	Test items			Verdict
6.1.5	EN 1730:2012, clause 6.6.1/ 6.6.3 Vertical impact test for tables without glass in their construction			P
	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables	
	Drop height, mm Cycles	140 10	180 10	
6.1.6	EN 1730:2012, clause 6.6.1/ 6.6.2, EN 14072: 2003, clause 6 ^c Vertical impact test for tables with glass in their construction			NA
	Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables	
	Drop height, mm: Safety glass ^b Other glass	140 180	180 240	
	Cycles	10	10	

Abbreviation: P = Pass; NA = Not Applicable

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

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