Test Report Number: GZHH00502928

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

Date: Aug 03, 2023

Attn: NELSON

Sample Description:

One (1) piece of submitted sample said to be :

Item Name	:	**Computer Desk**
Item No.	:	**CT-3642**
Date Sample Received	:	Jul 26, 2023
Testing Period	:	Jul 26, 2023 to Aug 02, 2023

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Tests conducted:

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

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To be continued

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Conclusion:

Tested Sample	Standard	Result
Submitted Sample	EN 12521: 2015 – Furniture-Strength, Durability and Safety-Requirements for Domestic Tables	Pass

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

Victor T.J. Wang
Assistant General Manager

Intertek Testing Services Shenzhen Limited, Guangzhou Branch
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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: 1100 mm W x 550 mm D x 760 mm H.

Weight: 19.4 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) ^{o}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.	NA

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Tests Conducted

<table>
<tr><th>Clause</th><th>Test items</th><th>Verdict</th></tr>
<tr><td>5.2.2</td><td>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.</td><td>NA</td></tr>
<tr><td>5.2.3</td><td>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.</td><td>P</td></tr>
<tr><td>5.3</td><td>Stability
Note: The stability tests were carried out before and after the structure strength tests.</td><td>-</td></tr>
<tr><td>5.3.1</td><td>Stability under vertical load</td><td>-</td></tr>
<tr><td>5.3.1.1</td><td>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.</td><td>P
(See clause 5.3.1.2)</td></tr>
<tr><td>5.3.1.2</td><td>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>
<tr><th>Loading</th><th>Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m^2</th><th>All other tables</th></tr>
<tr><td>Test force, N:
Main surface
V1
V2
Ancillary surface
V1
V2</td><td>

200
400

-
-</td><td>

200
400

100
200</td></tr>
</table></td><td>P</td></tr>
<tr><td>5.3.1.3</td><td>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>
<tr><th>Loading</th><th>Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m^2</th><th>All other tables</th></tr>
<tr><td>Test force, N:
Main surface
V1
V2
Ancillary surface
V1
V2</td><td>

200
400

-
-</td><td>

200
400

100
200</td></tr>
</table></td><td>NA</td></tr>
</table>

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Tests Conducted

<table>
<tr><th>Clause</th><th>Test items</th><th>Verdict</th></tr>
<tr><td>5.3.2</td><td>Stability for tables with extension elements
Load each extension element with the load specified in the following Table.
<table>
<tr><th>Component</th><th>Load</th></tr>
<tr><td>Extension elements designed for suspended filing only
Other extension elements</td><td>1,25 kg/dm
0,2 kg/dm^3</td></tr>
</table>
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>
<tr><th>Loading</th><th>Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m^2</th><th>All other tables</th></tr>
<tr><td>Test force, N</td><td>-</td><td>200</td></tr>
</table></td><td>NA</td></tr>
<tr><td>6</td><td>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.</td><td>P
(See remark 1)</td></tr>
<tr><td>7</td><td>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.</td><td>P</td></tr>
</table>

Abbreviation: P = Pass; NA = Not Applicable

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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
6.1.2	EN 1730:2012, clause 6.3 Vertical static load test	P
6.1.3	EN 1730:2012, clause 6.4.1/ 6.4.2 Horizontal durability test	P
6.1.4	EN 1730:2012, clause 6.5 Vertical durability test for cantilever or pedestal tables	NA

6.1.1

Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables
Test force *F*1…4, N	200	400
Minimum horizontal force, N	100	200
Specified mass, kg	50	50
Cycles	10	10

6.1.2

Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables
Test force, N a) main surface for tables with a height less than or equal to 600 mm	1 000	-
b) main surface for tables with a height greater than 600 mm	250	1 000
c) ancillary surface	-	200
Cycles	10	10

6.1.3

Loading	Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m²	All other tables
Test force $F_{a..d}$, N	150	300
Specified mass, kg	50	50
Cycles	5 000	10 000

6.1.4

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

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<table>
<tr><th>Clause</th><th>Test items</th><th>Verdict</th></tr>
<tr><td>6.1.5</td><td>EN 1730:2012, clause 6.6.1/ 6.6.3
Vertical impact test for tables without glass in their construction
<table>
<tr><th>Loading</th><th>Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m^2</th><th>All other tables</th></tr>
<tr><td>Drop height, mm
Cycles</td><td>140
10</td><td>180
10</td></tr>
</table></td><td>NA</td></tr>
<tr><td>6.1.6</td><td>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
<table>
<tr><th>Loading</th><th>Tables ≤ 600 mm in height, or Tables with tops with a surface area ≤ 0,25 m^2</th><th>All other tables</th></tr>
<tr><td>Drop height, mm:
Safety glass[b]
Other glass
Cycles</td><td>
140
180
10</td><td>
180
240
10</td></tr>
</table></td><td>P</td></tr>
</table>

Abbreviation: P = Pass; NA = Not Applicable

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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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