ORA S.A.S
2-4 RUE FREDERIC JOLIOT-CURIE 95500 GONESSE-FRANCE

Sample Description : DESK0

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

****

Sample Receiving Date : Apr 14, 2025

Test Performing Date : Apr 15, 2025 to Apr 23, 2025

Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	EN 527-2:2016+A1:2019, excluding information for use	PASS	/
2	Vertical static load test on table top - current certification rules(T41)	PASS	/
	Measuring of the pressure on the floor - current certification rules(T102)		
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Marco Leung

Marco Leung
Authorized Signatory

Scan to see the report
SDHL250400688901FT
Verification:
check.sgsonline.com.cn

1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86-757)22805888 www.sgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757)22805888 sgs.china@sgs.com

TESTS AND RESULTS

Part 1. Test Conducted:
EN 527-2:2016+A1:2019 Office furniture - Work tables - Part 2: Safety, strength and durability requirements, excluding information for use.

No. of Sample:
1 piece (Sample #1). For more sample information and pictures, please refer to the following page.

Test and Requirements	Test Results
4 Safety requirements	
4.1 General The table shall be designed so 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 designed so that physical injury and damage are avoided. These requirements are fulfilled when: a) all accessible edges and corners are free from burrs and rounded or chamfered; b) the edges and corners of the top surfaces are chamfered not less than 1 mm by 1 mm or rounded with a radius of not less than 2 mm; c) the ends of feet and tubular 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 which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.	PASS
4.2 Shear and squeeze points	
4.2.1 Shear and squeeze points when setting up and folding Unless 4.2.2 or 4.2.3 are applicable, shear and squeeze 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. The edges of parts moving relative to each other and creating shear and squeeze points shall be as specified in 4.1.	PASS
4.2.2 Shear and squeeze points under influence of powered mechanisms There shall be no shear and squeeze points which close to less than 25 mm unless they are always less than 7 mm created by parts of the table operated by powered mechanisms, i.e. springs, gas lifts and motorized systems.	N/A
4.2.3 Shear and squeeze points during use There shall be no shear and squeeze points which close to less than 25 mm unless they are always less than 7 mm created by forces applied during normal use or created by the user during normal movements and actions, e.g. attempting to move the table.	PASS
4.3 Stability requirements The table shall not overturn when tested according to tests 10 and 11 of Table 1. The tests of the stability Clauses 10 and 11 may be carried out additionally at the very beginning as an option.	
Clause 7.2 of EN 1730: 2012 Stability under vertical load	

1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86–757)22805888 www.sgsgroup.com.cn
中国・广东・佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86–757)22805888 sgs.china@sgs.com

Test and Requirements	Test Results
7.2.2 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 vertical load of 750N shall be applied 50 mm from the outer edge of the table top on that side where the load is most likely to cause overturning as far away from the supports as possible. Where there are multiple positions that may cause overturning the test should be repeated at each position.	PASS
7.2.3 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 7.2.2 using 375N of the specified vertical load (V) determined from Table 2. Where there are multiple positions that may cause overturning the test should be repeated at each position.	PASS
Clause 7.3 of EN 1730:2012 Stability for work tables extension elements Load each extension element with the load specified (extension elements: 0,5 kg/dm3; — suspended pocket files: 4 kg/dm.). 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 of 400N is applied at the centre of the front of the table, through a loading pad (5.4), 50 mm from the edge.	N/A
4.4 Structural safety requirements The structural safety requirements are fulfilled when the requirements according to 5.2 are fulfilled.	
5 Strength and durability	
5.1 General Tables shall be tested according to Table 1 and following the order listed in Table 1. With the exception of test 9 – Drop test, work tables supplied with storage features shall be tested with the following loads in the storage feature: — extension elements: 0,5 kg/dm3; — suspended pocket files: 4 kg/dm.	

Test and Requirements	Test Results
EN 1730: 2012, 8* Durability of height adjustment mechanisms** Load the table top with the specified mass applied at the positions specified in the requirements document. Cycle the table, including any latches or activation mechanisms for the specified cycles as described below. The test device shall apply only those forces necessary to achieve the required motion and shall not add weight to the table. The latching and/or activating mechanisms may be cycled concurrently or independently for the complete test. First 1250 cycles: The table shall be cycled its total vertical travel, with the load 20 kg at 200 mm from the front and side edges. The remaining load shall be at the geometric centre of the table top; Next 2500cycles: The table shall be cycled its total vertical travel, with the load 50 kg or the maximum load specified shall be at the geometric centre of the table top; Last 1250 cycles: The table shall be cycled its total vertical travel, with the load 20 kg positioned at a rear corner 200 mm from the rear edge and the side edge. The remaining load shall be at the geometric centre of the table top; One cycle shall comprise of travel from the lowest position to the highest position and return. The cycle rate shall not exceed six cycles per minute. The duty cycle rate for electrically driven tables 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.” The duty cycle may be increased when temperature control is agreed with the manufacturer. ***Note: This test is only applicable to electrically operated height adjustment mechanisms.	N/A
EN 1730:2012, 6.2 Horizontal static load test Apply 50kg to an area of (300 ± 50) mm x (300 ± 50) mm, or a diameter of (300 ± 50) mm, to the approximate centre of the table top. Apply 450N horizontal force by means of the loading pad at the table top level in a direction perpendicular to a line joining the two legs/supports, midway between the legs/supports. If the table top is not secured to the understructure and the top moves when the specified force is applied, reduce the force sufficiently to just prevent movement. Record the force applied. The applied force shall not be reduced below 300N. If the unrestrained base lifts when the specified force is applied, reduce the force sufficiently to just prevent lifting. Record the force applied. The applied force shall not be reduced below 300N. If unrestrained base lifts at this force, the specified mass applied to the table top shall be increased gradually until this tendency ceases. Leaving the stops in position, use the same procedure to determine the force to be applied in the opposite direction. One application of the force in each direction represents one cycle. Repeat the test method applying the specified horizontal force at the work top level along the line joining the two legs/supports. Apply the same force in the opposite direction. One application of the force in each direction represents one cycle. Repeat this procedure until each unique leg design/construction has been tested. Each direction shall be tested for 10 cycles.	PASS

Test and Requirements	Test Results
EN 1730:2012, 6.2 Additional horizontal static load test for adjustable tables with a height more than 950 mm Height adjustable tables shall be adjusted to their maximum height. Apply 50kg to an area of (300 ± 50) mm x (300 ± 50) mm, or a diameter of (300 ± 50) mm, to the approximate centre of the table top. Apply a moment of 285Nm by appropriate means in a direction perpendicular to a line joining the two legs/supports. Leaving the stops in position, use the same procedure and apply the moment in the opposite direction. One application of the moment in each direction represents one cycle. Repeat the test method applying the moment specified along the line joining the two legs/supports. Apply the same moment in the opposite direction. One application of the moment in each direction represents one cycle. Repeat this procedure until each unique leg design/construction has been tested. Each direction shall be tested for 10 cycles.	PASS
EN 1730:2012, 6.3.1 Vertical static load tests Height adjustable tables shall be adjusted to their maximum height or 950 mm table top height, whichever is the lower. A table extension added in the centre of the table shall be considered as the main surface. Apply a vertical downward force of 1000N using the loading pad anywhere on the top that is likely to cause a failure, but not less than 100 mm from any edge (see Figure 3). If the table tends to overturn gradually, move the loading point towards the centre of the table until this tendency ceases. If there are several such positions, carry out the test at a maximum of four different positions. If deflection measurements are required, maintain the last load for up to 30 min in order to measure the maximum deflection. The deflection, is the difference in height at the point of loading, between the initial unloaded state and the final state under load. Apply the vertical force for 10 cycles.	PASS
EN 1730:2012, 6.3.1 Additional vertical static load test for adjustable tables with a height more than 950 mm Height adjustable tables shall be adjusted to their maximum height. Apply a vertical downward force of 500N using the loading pad anywhere on the top that is likely to cause a failure, but not less than 100 mm from any edge. If the table tends to overturn gradually, move the loading point towards the centre of the table until this tendency ceases. If there are several such positions, carry out the test at a maximum of four different positions. If deflection measurements are required, maintain the last load for up to 30 min in order to measure the maximum deflection. The deflection, is the difference in height at the point of loading, between the initial unloaded state and the final state under load. Apply the vertical force for 10 cycles.	PASS

Test and Requirements	Test Results
EN 1730:2012, 6.4.1, 6.4.2 Horizontal durability test Restrain the base of the table by placing stops around each leg/base (in all directions). Place 50kg on the table top on an area of (300 ± 50) mm x (300 ± 50) mm, or a diameter of (300 ± 50) mm, at the point most likely to prevent the table lifting off the floor. Apply two alternating horizontal forces 300N at the table top level by means of two loading pads (5.4), one at one end of the table 50 mm from one corner/edge, a, (and one at the opposite end/edge, b, If the table tends to lift in one direction of loading at a load less than that specified, reduce the horizontal force to the value determined at the beginning of the test process. Perform the test using this reduced force in that direction only. Record the value of any reduced force used. Repeat the procedure at the other corner positions, c and d. Carry out the test for 10000 cycles.	PASS
EN 1730:2012, 6.4.1 and 6.4.3 Stiffness of the structure Height adjustable tables shall be adjusted to their maximum height or 950 mm table top height, whichever is the lower. Apply 200N by means of the loading pad, at the table top level in a direction perpendicular to a line joining two legs/supports and midway between the legs/supports, or midway between the outermost legs for a table with more than two legs in a straight line. Maintain the force for (10 ± 1) s and record the position of a point D on the length of the table. Remove the force and repeat it in the opposite direction and record the distance of the horizontal travel of the point. The total distance point D moves, from its location when the force in one direction is applied to its location when the force is applied in the other direction, is D1. Calculate and record D1. Repeat the procedure using horizontal forces along the transverse centreline. The total distance point D moves, from its location when the force in one direction is applied to its location when the force is applied in the other direction, is D2. Calculate and record D2. If the table top is not secured to the understructure and the top moves when the specified force is applied, reduce the force sufficiently to prevent movement. Perform the test using this reduced force in that direction only. Record the value of any reduced force used.	PASS D_1: 16 mm D_2: 10 mm
EN 1730:2012, 6.5 Vertical durability Test Position the table on the test surface in its normal position of use. Tables with extensions inserted in the centre shall be tested in the extended configuration. All other tables shall be tested without extending ancillary surfaces. Apply the vertical force 400N in by means of the loading pad, on the table top at the most adverse position, 100 mm from the table top edge. If the article tends to lift, load the centre of the main table top with a mass sufficient to prevent overturning. Carry out the test for 10000 cycles.	PASS

Test and Requirements	Test Results
EN 1730:2012, 6.8 Durability of tables with castors This test is only applicable to tables that have castors fitted to all legs/supports. Tables shall be tested without extending or inserting ancillary surfaces. Place the table on the floor surface. Apply 50kg centred on the table. The operating force shall be applied no lower than 50 mm from the top surface of the table. At least one castor shall be run over obstacles at a mean speed of 0,2 m/s for a distance of one metre. At the end of one metre the direction of travel shall be reversed and the castor shall return to the starting point. This cycle shall be repeated until the castors have been running for 2 min. There shall be a cooling period of 2 min before the next 2 min test run is started. The procedure shall be repeated for 2000 cycles. One cycle consists of one movement forwards and backwards. Inspect the castors and the structure for damage affecting the function.	N/A
EN 1730:2012, 6.6 Vertical impact test **6.6.1 General** Height adjustable tables shall be adjusted to their maximum height or 950 mm table top height, whichever is the lower. Position the table on the test surface, in its normal position of use. Tables with extensions inserted in the center shall be tested in the extended configuration. All other tables shall be tested without extending ancillary	
6.6.2 Vertical impact test for glass table tops For the vertical impact testing of tables, incorporating glass tops shall be tested in accordance with EN 14072:2003, Clause 6.	N/A
6.6.3 Vertical impact test for all other table tops Place one layer of foam on the table top. The height of drop shall be measured from the position where the impactor is resting on the surface of that layer of foam. Place a second layer of foam (5.5) between the striking surface and the table top. Allow the vertical impactor to fall freely from the height of 140mm onto the foam surface at the following positions: 1. as close as possible to one point of support of the top but not less than 100 mm from any edge; 2. 100 mm from the edge of the top as far away from the supports as possible; 3. 100 mm from the edges at one corner.	PASS

Test and Requirements	Test Results
EN 1730:2012, 6.9 Drop test **6.9 Drop test** Place the table unloaded on the floor surface (5.2), in its normal position of use, without ancillary surfaces inserted or extended, but with ancillary surfaces in their normal stored position. Height adjustable tables shall be set to their lowest position. Determine the drop height as a percentage of the specified nominal drop height in accordance with Table 1. The vertical force is determined as the lowest upwards vertical force to lift at least one leg/support off the floor (10 ± 5) mm off the floor. For tables that have a single leg/support the vertical force is determined as the lowest upwards vertical force to lift the edge of the support (10 ± 5) mm off the floor. **Table 1 — Determination of drop height** Vertical force: 0 N - < 200 N — % of specified nominal drop height: 100 Vertical force: 200 N – 400 N — % of specified nominal drop height: $100 - \left[70 \times \frac{[\text{Force to lift one end of unit} - 200]}{200}\right]$ Vertical force: > 400 N — % of specified nominal drop height: 30 Determine and record the most likely lifting point(s). Lift the table at the point used to determine the vertical force to the drop height and let it drop freely onto the floor surface (5.2). Carry out the test six times. Height adjustable tables shall be tested three times at the lowest position and three times at the highest position.	PASS
6 Information for use Information for use shall be available in the language of the country in which it will be available to the end user. It shall contain at least the following details: a) information regarding intended use; b) instruction for operating the adjusting mechanisms; c) instruction for the care and maintenance of the table.	N/R

Part 2. Test Conducted:

Vertical static load test on table top - current certification rules(T41) & Measuring of the pressure on the floor - current certification rules(T102)

No. of Sample:

1 piece. For more sample information and pictures, please refer to the following page.

<table>
<tr><th>Test and Requirements</th><th>Test Results</th></tr>
<tr><td>Vertical static load test on table top - current certification rules(T41)
Load of 750N for 1h.
After 1 hour of test residual deflection of 0.89mm or 0.05%of the width for a requirement less than 0.125%.
No apparent damage being able to harm the safety of the user.</td><td>PASS</td></tr>
<tr><td>Measuring of the pressure on the floor - current certification rules(T102)

It should not exceed 3N/mm^2. The pressure need to add a load of 100kg on the desk.
<table>
<tr><td></td><td></td><td>result</td></tr>
<tr><td>Weight of storage unit</td><td>kg</td><td>141.4 kg</td></tr>
<tr><td>Contact surface with the floor</td><td>mm^2</td><td>11304</td></tr>
<tr><td>Pressure on the floor</td><td>N/mm^2</td><td>0.125</td></tr>
</table>
1kg =10N</td><td>PASS</td></tr>
</table>

Remark:

1. N/A – Not applicable; N/R – Not requested.
2. This test report is issued based on the modification of the original No. SDHL250400586401FT test report issued on Apr 23, 2025. And the original report is still valid. According to applicant's requirements, following changes are included:
   a. Change of applicant's name.
   b. Change of applicant's address.
3. For the sample information and pictures, please refer to the following page.

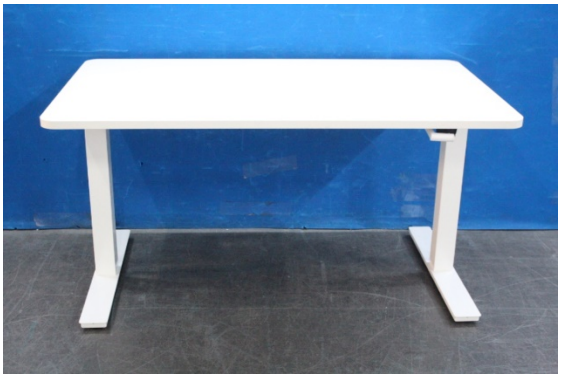
SAMPLE INFORMATION AND PICTURES

Weight: 41.4 kg

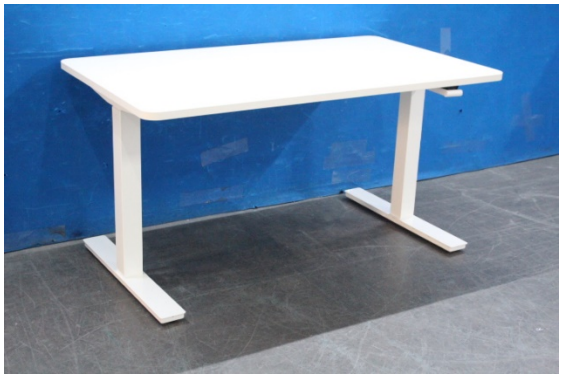
Overall Dimensions: 800 mm D x 1400 mm W x (715~1160) mm H

Other Dimensions: /

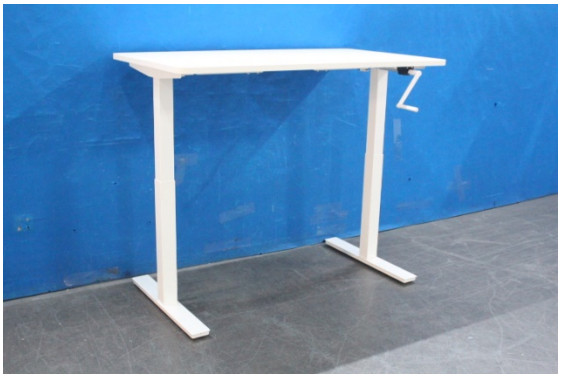
Sample as Received



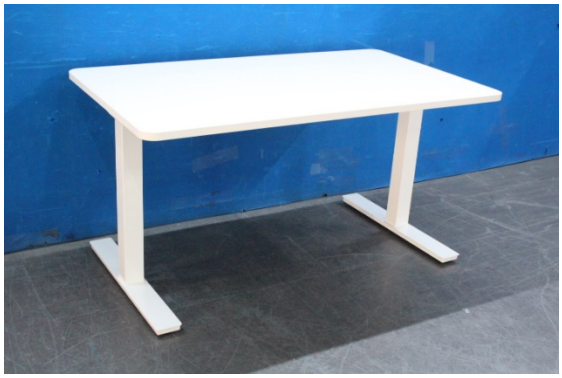
View 1



View 2



View 3



View 4

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report

1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86-757)22805888 www.sgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757)22805888 sgs.china@sgs.com