

## Test Report

No.: SDHL1901001989FT

Date: Feb.14, 2019

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DONGGUAN WEBBER STEEL FURNITURE CO., LTD  
XINLIAN ROAD, QINGHUTOU INDUSTRIAL DISTRICT,  
TANGXIA TOWN, DONGGUAN CITY, GUANGDONG, CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : MOBILE FILING CABINET  
Sample Receiving Date : Jan.28, 2019  
Test Performing Date : Jan.29, 2019 to Feb.14, 2019

### Test Result Summary

Test(s) Requested	Result(s)
EN 14073-2:2004+A1:2006	PASS
EN 14073-3:2004	PASS
EN 14074:2004	Not applicable

#### Summary:

1. For further details, please refer to the following page(s).

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



Bill Wang  
Approved signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
Shunde Branch Harimies

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### TESTS AND RESULTS

#### Test Conducted:

EN 14073-2:2004+A1:2006 office furniture – storage furniture - Part 2: safety requirements,  
EN 14073-3:2004 office furniture – storage furniture - part 3: test methods for the determination of stability and strength of the structure office furniture  
EN 14074:2004 office furniture –tables and desks and storage - test methods for the determination of strength and durability of moving parts

#### General Test Condition:

The following test program was conducted in a laboratory environment maintained at 15°C to 25°C and 50%±5 RH. The sample was individually tested after conditioning in the test environment for at least 24 hours prior to conducting the test.

The complete detailed procedures may be found in the referenced specification and are only summarized herein. Unless otherwise specified, the tests are carried out in the following order on the same sample.

#### No. of Sample:

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

Test	Test Description and Requirements	Test Results
EN 14073-2 clause 3.4	<p><b>General safety requirements</b></p> <p>Accessible edges and corners shall be free from burrs and rounded or chamfered. There shall be no open ended tubes.</p> <p>All moveable parts accessible during normal use shall have safety distances in any position during movement of <math>\leq 8\text{mm}</math> or <math>\geq 25\text{mm}</math>. This applies to any two elements moving relatively to each other, with the exception of doors (incl. hinges), flaps (incl. hinges) and extension elements (incl. runners). The safety distances also apply to the distance between handles and other parts.</p> <p>Adjustable parts shall be such as to prevent inadvertent operation or release.</p> <p>If there is a risk of injury, vertically sliding roll fronts shall not close by themselves from any position higher than 200mm measured from the closed position.</p> <p>Extension elements shall have effective open stops, i.e. they shall resist being pulled out of the carcass once by a horizontal force of 200 N applied to the handle of the loaded extension element.</p>	PASS



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Test	Test Description and Requirements	Test Results
EN 14073-3 clause 5.2	<p><b>Strength of unit</b></p> <p>Place the unit on the floor surface (4.1) with stops (4.3) located as in figure 1.</p> <p>Unless otherwise specified by the manufacturer, load all parts that can be used for storage purposes, according to Table 1 (top surfaces shall be loaded as shelves). Close extension elements, flaps, roll fronts and doors.</p> <p>Apply a horizontal static force of 350 N, 10 times at point A in figure 1, on the vertical centerline of the structure of the unit, 50 mm from the highest point at that position but not higher than 1600 mm from the floor.</p> <p>NOTE: If the loading point is not on a structural member, a bridging bar should be used.</p> <p>If the unit tends to overturn in one direction, lower the point of application of that force until tilting is just prevented in that direction only. Record the height.</p> <p>The test may be carried out in a one stage cycle A, C, B, D or in a two stage cycle A, B followed by C, D.</p>	PASS
EN 14073-3 clause 5.3.1	<p><b>Pull out of shelves</b></p> <p>Apply a horizontal force of 50% of the weight of the unloaded shelf, up to a maximum of 20N, to the middle of the front edge.</p>	PASS
EN 14073-3 clause 5.3.2	<p><b>Strength of shelf supports</b></p> <p>All supports of the shelf shall be tested.</p> <p>For units with an indeterminate number of shelves, unless otherwise specified, divide the internal height of the unit in millimetres by 300 and take the nearer integer. This number minus 1 shall be the number of shelves to be fitted.</p> <p>Where the shelves and shelf supports are identical, it is only necessary to test one shelf.</p> <p>Where the shelves and shelf supports are not identical, each combination shall be tested.</p> <p>Unless otherwise specified by the manufacturer, load the unit uniformly according to Table 1. Distribute the load uniformly on the shelf being tested except at approximately 220 mm from one support, where the impact plate (4.5) shall be tipped over 10 times at a point as close to the support as possible (see figure 2). The striking surface shall be that faced with rubber. Inspect the shelf and the support before and after the tests.</p>	PASS
EN 14073-3 clause 5.4	<p><b>Strength of top surfaces</b></p> <p>This test shall be applied to top surfaces which are <math>\leq 1000</math> mm above the floor surface.</p> <p>Apply a vertical force of 1000N, using the loading pad (4.6), 10 times at the position most likely to cause failure on the top surface but not less than 50 mm from one edge.</p> <p>Inspect the top surface before and after the test.</p>	N/A



Test	Test Description and Requirements	Test Results
EN 14074 clause 6.2.1	<p><b>Strength of extension elements</b></p> <p>Load the extension element according to 6.1.</p> <p>Open the extension element to its open stops. If it is not fitted with open stops, and is intended to be taken out, open it to the point at which one-third of its inside length (depth) remains inside the unit, see figure 1.</p> <p>Apply a vertical force equal to the total mass of the extension element up to a max of 250 N to one top front corner, see figure 1. The total mass is the weight of the extension element plus the load specified in 6.1.</p> <p>If the extension element is forced out of the unit it shall be re-assembled if necessary and returned to the unit.</p> <p>This shall be recorded in the report.</p> <p>Carry out the test ten times.</p> <p>Before and after the test, inspect the function of the extension element (including the opening and closing forces if required).</p>	N/A
EN 14074 clause 6.2.3	<p><b>Slam open of extension elements</b></p> <p>Place the extension element on its runners and load it according to 6.1 with glass marbles (5.6) or in case of suspended pocket files, with typing paper or a suitable representation of it (5.5). Close the extension element to a position 300 mm from the fully open position (or fully close the extension element if the travel is less than 300 mm).</p> <p>Testing shall be carried out with an apparatus working according to one of the two methods specified in A.1 and A.2 in Annex A.</p> <p>The calibration slam open velocities shall be 1,3 m/s for a 5 kg extension element and 1,0 m/s for a 35 kg extension element (see A.1.3).</p> <p>Apply the force on the centreline of the extension elements front or back at the same level as the handle.</p> <p>The slamming force shall be applied until 10 mm before the extension elements reaches its end travel.</p> <p>Slam the extension elements open 10 times.</p> <p>Before and after the test, inspect the appearance and function of the extension element and runners (including the opening and closing force if required)</p>	N/A
EN 14074 clause 6.2.4	<p><b>Interlock test</b></p> <p>When interlocks are fitted, one extension element shall be fully extended and an outward force of 200 N shall be applied to the handles of each of the remaining extension elements one at a time. The test shall be carried out a total of 10 times on each element. Record if the extension elements are retained closed.</p>	N/A
EN 14074 clause 6.3.1	<p><b>Vertical load on pivoted door</b></p> <p>Load the door with a mass of 30 kg placed 100 mm from its outer edge.</p> <p>Swing the door 10 full cycles at a rate maximum 6 cycles per minute.</p> <p>The door shall remain attached to the unit. Also no other damage shall be found after tested.</p>	N/A



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Test	Test Description and Requirements	Test Results
EN 14074 clause 6.4.2	<b>Slam shut/open of sliding doors and horizontal roll fronts</b> Shall be opened/ closed by means of a cord attached to the centre of the handle. Test weight shall be -- kg. Start the movement 300mm from the closed/ opened positions respectively. The test force shall be removed 10mm before the sliding door/ roll front is fully closed/ opened.	N/A
EN 14074 clause 6.6.1	<b>Strength of flaps</b> With the flap in its fully opened/ extended position, apply a downward static force of 250 N using the loading pad 10 times, 50 mm from the weakest corner.	N/A
EN 14073-3 clause 5.7	<b>Floor standing unit attached to the building</b> The unit shall be mounted according to the manufacturer's installation instructions. Apply a horizontal outwards force of 200 N forward to the centre of the top of the unit.	N/A
EN 14073-3 clause 5.5.1	<b>Stability of the unloaded unit</b> Place the unit on the floor surface (4.1).Open all doors to 90° . With the exception of any extension whose bottom front edge is ≤ 300 mm above the floor, fully extend as many extension elements as possible without overriding the interlocks (if fitted). Open flaps to their horizontal position or as near horizontal as possible. Apply a vertical downwards load of 50N to any point likely to cause overturning, on the centerline of the front of an extension element and at 50 mm from the outer edge of a door or flap.	N/A
EN 14073-3 clause 5.5.2	<b>Stability of the loaded unit</b> Place the unit on the floor surface (4.1). Unless otherwise specified by the manufacturer, load all storage components with the load specified in Table1. Open all doors to 90° . With the exception of any extension element whose lower front edge is ≤ 300 mm above the floor, fully extend as many extension elements as possible without overriding the interlocks if fitted. Open flaps to their horizontal position or as near horizontal as possible. Apply a vertical downwards force of 50 N to any point likely to cause overturning, on the centerline of the front of an extension element and at 50 mm from the outer edge of a door or flap.	N/A
EN 14073-3 clause 5.6.2	<b>Dislodgment of screen and wall hanging cabinets and shelves</b> The unloaded unit shall be subjected to a dislodgment test by applying a force of 100 N upwards to the least favorable point on the front edge.	N/A
EN 14073-3 clause 5.6.4	<b>Strength of screen and wall attachment devices</b> Load the unit with 2 times the loads used in Table 1. The bottom and the top surfaces, provided it is not a moving part, shall be loaded as a shelf. Close all doors and extension elements.	N/A
EN 14074 clause 6.2.2	<b>Durability test of extension elements</b> Open and close the extension element for 50 000 cycles at a rate maximum 6 cycles per minute. No fracture, other damage or change of function shall be found after tested.	N/A



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Test	Test Description and Requirements	Test Results
EN 14074 clause 6.3.2	<b>Horizontal static force on open door</b> Apply a horizontal static force of 80 N to the fully opened door perpendicular to the plane of the door on its horizontal centre line 100 mm from the outer edge of the door in the direction of the opening for 10 times. No fracture, other damage or change of function shall be found after tested.	N/A
EN 14074 clause 6.3.3	<b>Durability test on hinged and pivoted doors</b> Fully open the door attached with a mass of 2 kg equally distributed on both sides of the door on the vertical center line to a maximum of 135° and close it for 50 000 cycles. No fracture, other damage or change of function shall be found after tested.	N/A
EN 14074 clause 6.4.1	<b>Durability test of sliding doors and horizontal roll fronts</b> Open and close the sliding door 40 000 cycles, or for roll fronts 20 000 cycles from the fully closed position to a position 50 mm from the fully opened position at a rate maximum 6 cycles per minute. No fracture, other damage or change of function shall be found after tested.	N/A
EN 14074 clause 6.5.1	<b>Durability of vertical roll front</b> Open and close the roll front fully 20 000 cycles at a rate maximum 6 cycles per minute. No fracture, other damage or change of function shall be found after tested.	N/A
EN 14074 clause 6.6.2	<b>Durability of flaps</b> Open and close the flap fully 20 000 cycles at a rate maximum 6 cycles per minute. No fracture, other damage or change of function shall be found after tested.	N/A
EN 14074 clause 6.7	<b>Rolling test for mobile filing pedestals</b> Load the unit as specified in table 1. At least one castor shall be run 2000 cycles over two obstacles at a mean speed of 0.5 m/s for a distance of one meter. No fracture, other damage or change of function shall be found after tested.	N/A

### Remark:

1. N/A – Not applicable; N/R – Not Requested; N/P – Not provided.
2. For the sample information and pictures, please refer to the following page.



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### SAMPLE INFORMATION AND PICTURES

Weight: /

Overall Dimensions: 1140 mm W x 660 mm D x 2187 mm H

Other Dimensions: /

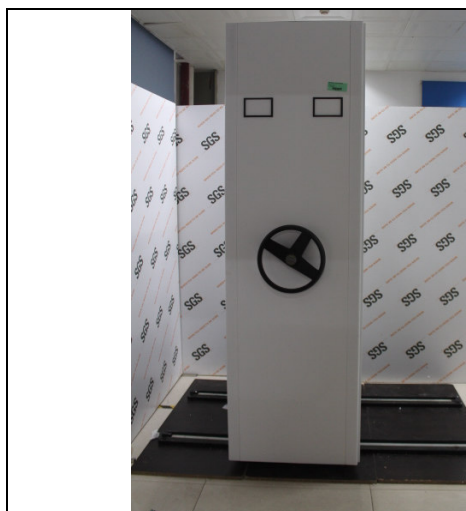
#### Sample as Received



View 1



View 2



View 3



View 4

\*\*\*End of Report\*\*\*



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