



Test Report

No.: SDHGR111202408FT

Date: Dec 27, 2011

Page 1 of 4

GUANGZHOU LIJIANG ECONOMIC DEVELOPMENT CO. LTD.
18 DE, EAST TOWER HAIJING CENTRE, NO. 152, HUANGPU AVE. (MID) TIANHE,
GUANGZHOU CITY, GUANGDONG PROVINCE.

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

Sample Description : LS-605
Sample Receiving Date : Dec 14, 2011
Test Performing Date : Dec 14, 2011 to Dec 27, 2011
Test Performed : BS EN12727:2000 Furniture- Ranked seating – test methods and requirements
for strength and durability-Level 1
Test Result(s) : For further details, please refer to the following page(s)
Comments / Conclusion : PASS

The submitted sample met the requirements of level 1 of BS EN 12727:2000

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

Jack Yao
Approved signatory



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch / Canton Branch / Guangzhou Laboratory

1F, 1 Building, European Industrial Park, No. 1 Shunfeng Road, Wusheng Section, Dailing Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.cn.sgs.com
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

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Test Report

No.: SDHGR111202408FT

Date: Dec 27, 2011

Page 2 of 4

Test Conducted: BS EN 12727: 2000 Furniture- Ranked seating – test methods and requirements for strength and durability-Level 1

Test Item	Test Method & Test Requirement	Test Result
6.3 Seat and Back Static Load Test	Test loading: Seat: 1300N Backrest: 560N Repeat test for 10 cycles. When this test is applied to a stool without a backrest, or with a very low back, apply the backward force horizontally to the front edge of the seat.	PASS
6.4 Horizontal Forward Static Load to Back	A horizontal forward static load shall be applied using the smaller seat loading pad (5.3) at a point 50 mm below the centre of the top of the back. The appropriate force 0 N shall be applied 10 times.	N/A
6.5 Vertical Static Test on Back	Apply the downwards force 0 N a total of 10 times to the top of the back through the seat loading pad (5.2). If it is not possible to use the seat loading pad, apply the force with the smaller seat loading pad (5.3).	N/A
6.6 Arm Sideways Static Load Test	Apply a pair of outward forces 400 N to the arms of the unit at the point along the arms considered most likely to cause failure, but not less than 100 mm from either end of the arm structure. Apply the forces 10 times, using the local loading pad.	PASS
6.7 Arm Downwards Static Load Test	Apply the vertical force 800N, 10 times at the point along the arms considered most likely to cause failure, (see Figure 11), but not less than 100 mm from either end of the arm structure. Apply the load through the smaller seat loading pad	PASS
6.11 Seat Impact Test	Place one layer of foam on the seat, and determine the drop height. Place a second layer of foam (5.6) on the seat. Allow the seat impactor (see 5.9 and Figure 7) to fall freely from the height of 180 mm onto the seat loading point as specified by the loading position template (4.4). Carry out the test for a total of 10 times. Repeat at any other position considered likely to cause failure. For articles with more than one seating position apply the test to one end seat only.	PASS
6.12 Back Impact Test	Strike the centre of the structure of the top outside of the back with the impact hammer (5.10) for a total of 10 times. Drop the impact hammer through the height of 210mm or the angel of 38 degrees. Repeat at any other position on the outside of the back considered most likely to cause failure. When the article has no back, strike the centre of the seat rear edge. For articles with more than one seating position, apply the test to one end seating position only.	PASS

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To be continued.



Test Report

No.: SDHGR111202408FT

Date: Dec 27, 2011

Page 3 of 4

Test Item	Test Method & Test Requirement	Test Result
6.13 Arm Impact Test	Carry out the test in the same manner as the back impact test (6.12) except that the impact shall be applied in an inward direction to the outside face of one end of row arm at the position considered most likely to cause a failure. Drop the impact hammer through the height of 210mm or the angle of 38 degrees for a total of 10 times.	PASS
6.14 Tipping Seat Operation Test	If the installation has tip-up seats one seat of the test structure shall be operated from fully closed to fully open for 25000 times at a maximum rate of 10 cycles per minute. During each cycle the seat shall be allowed to open or close freely under gravity if this is its correct mode of operation.	PASS
6.8 Seat and back durability test	Carry out the test at one position or consecutively at two positions as specified in a), b), or c) below. a) on the one seat and back for samples with individual seats and no common structural members. b) on one end seat and back and the adjacent seat and back for samples of continuous seating or individual seats with common structural members. c) on the centre pair of seats and backs for samples of continuous seating with 4 or more seating positions. During the test load the other seat(s) that are not being tested with a force of 950N or a mass of 96,8 kg applied at the seat loading point. Seat Load: 950N; Backrest load: 330N; Cycles:50000;	PASS
6.9 Seat Front Edge Durability Test	Apply the vertical seat load 950N using the smaller seat loading pad (5.3) alternately on two points each 80 mm from the front edge of the seat structure and as near as possible to either side of the seat but not less than 80 mm from the edges. For articles with more than one seating position, the test shall be carried out as above on one end seat and then with the front edge durability loads applied to the centre line only of the adjacent seat. Apply the forces for 50000 cycles.	PASS
6.10 Horizontal Forward Durability Test to Back	The horizontal force of 330N shall be applied acting forwards using the smaller seat loading pad (5.3) 50 mm below the centre of the top of the back of one end seat only. The force shall be applied for 0cycles.	N/A

To be continued

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SGS-CTI Standards Technical Services, Ltd. 1/F, 1st Building European Industrial Park No. 1 Shunfeng Road, Waixie Section, Daxiang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.cn.sgs.com
Guangzhou Branch 2/F, 2nd Floor, Guangzhou Branch, Guangzhou, China 510633 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

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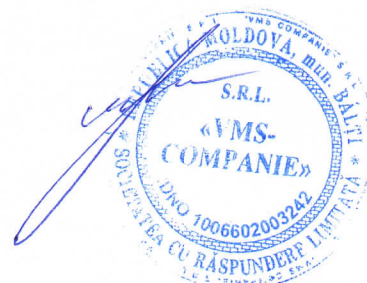
Test Report

No.: SDHGR111202408FT

Date: Dec 27, 2011

Page 4 of 4

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6.3 Seat and Back Static Load Test	Test loading: Seat: 1300N Backrest: 560N Repeat test for 10 cycles. When this test is applied to a stool without a backrest, or with a very low back, apply the backward force horizontally to the front edge of the seat.	PASS
6.15 Vertical Static Load on Auxiliary Writing Surface	Apply the downward vertical force of 150N, 10 times at a point 80 mm from two adjacent sides on the corner farthest from any support using the local loading pad (5.5).	N/A
6.16 Auxiliary Writing Surface Durability Test	Apply a downward vertical force of 150 N at the same position as specified in 6.15 using the local loading pad (5.5) for the number of 10000 times.	N/A



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SGS China Technical Service Co., Ltd.
Shanghai Branch

15/F Building European Industrial Park, No. 1 Shuohuan Road, Wafu Section, Daling Town, Shunde, Foshan, Guangdong, China

中国·广东·佛山市顺德区大良街道办事处五沙南和南路1号欧洲工业园1号厂房富盛 邮编: 528333

528333 t (86-757)22805888 f (86-757)22805858

www.cn.sgs.com

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