

**Test Report**

No.:SDHGR120902384FT

Date: Oct.16, 2012

Page 1 of 4

ANJI EVS FURNITURE CO', LTD  
FANTAN INDUSTRY ZONE, ANJI COUNTRY, CHINA

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

Sample Description : ORLANDO BARSTOOL  
 Style / Item No. : K-3001  
 Buyer : JULIA GRUP FURNITURE SOLUTIONS  
 Supplier : EVS  
 Manufacture : EVS  
 Country of Destination : SPAIN  
 Sample Receiving Date : Sep.29, 2012  
 Test Performing Date : Sep.29, 2012 to Oct.16, 2012

**Test Result Summary**

No.	Test(s) Requested	Result(s)	Comments
1	Clause 5.4 of BS EN 12520:2010	PASS	/

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

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



Jack Yao  
Approved signatory

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To ensure the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

**Test Conducted: Clause 5.4 of BS EN 12520:2010 Furniture — Strength, durability and safety -- Requirements for domestic seating**

Test Item	Test Method & Test Requirement	Test Result
<b>Strength and Durability (BS EN 12520:2010 clause 5.4)</b>		
Seat and Back Static Load Test EN 1728:2001 Clause 6.2.1	Apply the downward force of 1300N at the seat loading position. With the downward force maintained, apply the back force of 450N at back loading position. Remove the back load and then the seat load. Repeat above operation for 10 cycles. Check the chair for any damage.	PASS
Additional Seat and Back Static Load for Tilting Chairs EN 1728:2001 Clause 6.3	Tilting chairs shall be additionally tested as specified in BS EN 1728:2001 6.2, except that the seat load and back load shall be determined according with BS EN 1728:2001 6.3.	NA
Seat Front Edge Static Load EN 1728:2001 Clause 6.2.2	Repeat the seat static load (1300N) procedure on a point, 80mm back from the front edge of the structure using the seat load only. Apply the load at the most adverse position on the seat centre-line or as near one side of the seat as possible, but not less than 80mm front that edge of the structure.	PASS
Foot Rail Static Load Test EN 1728:2001 Clause 6.4	Not apply to seat height < 600mm. Apply the downward force of 1000N to the seat at seat loading position for 10 times. Loading pad: Diameter 200mm or Diameter 100mm Loading position: If footrest/leg rest: 80mm from the periphery. If foot rail, centre-line of the foot-rail or any position likely to cause failure.	PASS
Arm Sideways Static Load Test EN 1728:2001 Clause 6.5	Apply an outward force of 300N to each arm of the units simultaneously at the point along the arms most likely to cause failure, but not less than 100 from either end of the arm structure. Apply the force 10 times.	NA
Arm Downwards Static Load Test EN 1728:2001 Clause 6.6	Apply the vertical force of 700N to the arm for 10 times. If the chair overbalances, apply a load on the side of the seat opposite to the arm under test large enough to prevent the chair from overbalancing. Check the chair for any damage.	NA
Seat and Back Fatigue Test EN 1728:2001 Clause 6.7	Apply the downward force of 1000N at the seat loading position. With the downward force maintained, apply the back force of 300N at back loading position. Remove the back load and then the seat load. Repeat above operation for 25000 (except 12500 cycles when clause 6.9 applies) cycles. Check the chair for any damage.	PASS
Additional Seat and Back Fatigue Test for Tilting Chairs, Reclining Chairs and Loungers EN 1728:2001 Clause 6.9	Tilting chairs, reclining chairs and loungers shall be additionally tested as specified in BS EN 1728:2001 6.7, except that the seat load and back load shall be determined according with BS EN 1728:2001 6.9.	NA

To be continued...

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To ensure the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



SGS-CST Standards Technical Services Co., Ltd.  
Guangzhou Branch, 1000 West Zhongshan Road, Guangzhou, China

1/F, 1 Building European Industrial Park, No.1 Shuheran Road, Wusha Section, Daikang 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号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Test Item	Test Method & Test Requirement	Test Result
Seat Front Edge Fatigue Test EN 1728:2001 Clause 6.8	Apply the vertical forces of 800N alternately on two points each 80mm from the front edge of the seat structure and as near as possible to either side of the seat but not less than 80mm from the edges. Repeat above operation for 20000 cycles. Check the chair for any damage.	PASS
Arm Fatigue test EN 1728:2001 Clause 6.10	The test load of shall be applied simultaneously on two points for 10000 cycles, 100mm behind the front edge of the arm rests.	NA
Leg Forward Static Load Test EN 1728:2001 Clause 6.12	Apply the seat load of 1000N at the seat loading position. Apply the horizontal force of 400N centrally at the rear of the seat in a forward direction. Repeat above operation for 10 times. Check the chair for any damage.	NA
Leg Sideways Static Load Test EN 1728:2001 Clause 6.13	Apply the seat load of 1000N at any position not more than 150mm from the unload edge of the seat. Apply the horizontal force of 300N centrally to the side towards the restrained leg. Repeat above operation for 10 times. Check the chair for any damage.	NA
Seat Impact Test EN 1728:2001 Clause 6.15	Allow the seat impactor to fall freely from the height of 180mm onto the seat loading position. Repeat above operation for 10 times. Check the chair for any damage.	PASS
Backwards Fall Test BS EN 12520:2010 Annex A. 1	This test is only for single seating units where the back will be the first part of the structure to strike the floor and the force used to overturn the chair rearwards is less than 30 N. Apply a rearward horizontal force to a point 50 mm below the top of the backrest in the centre of the backrest. Measure the force required to lift the front legs off the floor. If the measured force is less than 30 N push the top of the backrest rearwards until it reaches the equilibrium point (see Figure A.1). Allow it to fall freely on its back without initial force or velocity.	PASS
Back Impact Test EN 1728:2001 Clause 6.16	This test is for all seating not tested in accordance with Backwards Fall Test. Prevent the chair form movement by stops against the front leg. Allow the impact hammer to fall freely from the height of 120mm onto the center of the top outside of the chair back for 10 times. Check the chair for any damage	NA

**Remark:**

1. NA – Not applicable;
2. Sample details: 386 mm L x 440 mm W x 825~1040 mm H; Sample weight: 6.46 kg.

To be continued...

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To ensure the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



**SDHG**

SGS-CST Standards Technical Services Co., Ltd. | 1F, 1 Building European Industrial Park, No.1 Shurhen Road, Wusha Section, Daikang Town, Shunde Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.cn.sgs.com  
 Guangzhou Branch: 10th Floor, Guangzhou Laboratory, 2000 Avenue, Guangzhou, China 510650 t (86-20)83938888 f (86-20)83938888  
 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](mailto:sgs.china@sgs.com)

### Photo Appendix



Sample as received – View 1



Sample as received – View 2



Sample as received – View 3



Sample as received – View 4

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To ensure the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)