

## TEST REPORT

Report No. : HL40071/2009

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Date : APR. 14, 2009

### FUH SHYAN CO., LTD.

No.27, Cherng Gong 1<sup>ST</sup> Street, Min Shyong Industrial Park,  
Chiayi County, Taiwan.

The following merchandise was submitted and identified by the applicant as:

Product Description: Armrest  
Style/Item No.: AR313  
Manufacturer/Vendor: FUH SHYAN CO., LTD.  
Country of Origin: Taiwan

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Requested: For compliance with ANSI/BIFMA X5.1-2002 General-Purpose Office Chairs-Tests  
(1) Sect. 13 Arm strength test -Vertical - Static  
(2) Sect. 14 Arm strength test -Horizontal - Static

Test Method: Tested according to test procedures with ANSI/BIFMA X5.1-2002

Test Results: ---See attached sheets---

Conclusion: In our opinion, the submitted sample(s) **failed to** comply with Sect.14 of ANSI/BIFMA X5.1-2002 for General - Purpose Office Chair, but the other was satisfactory as shown on above.

Testing Period: - APR. 10, 2009

Signed for and on behalf of  
SGS Taiwan Ltd.



Benson Liao  
Asst. Manager

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Test Result: ASNI /BIFMA X5.1-2002 General-Purpose Office Chairs-Tests

**(1) Sect. 13 Arm strength test –Vertical – Static**

Pass

Base on subsection 13.4 test procedures

--Apply 200 lbf. functional load on the arm for 1 minute and maintain until defection is stabilized.

--Apply 300 lbf. proof load and repeat procedure as above.

Requirement: No structure failure or loss of serviceability.

**(2) Sect. 14 Arm strength test –Horizontal – Static**

\*Fail

Base on subsection 14.4 test procedures.

--Apply 100 lbf. functional load to the most forward point of the armrest for 1 minute and maintain until defection is stabilized.

--Apply 150 lbf. proof load and repeat procedure as above.

Requirement: No structure failure or loss of serviceability.

**\*Finding:** The metal part of armrest was deformed serious after test.

**\*Remark:** The loop of armrest was no visual broken after test.

– Picture –



“Photo A” (Appearance of Sample)



“Photo B” (Failure Mode)

---End of Report---

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