



Mechanical & Hardgoods Lab

# TEST REPORT

Report No. : HL70200/2011  
Page : 1 of 2  
Date : JUL. 25, 2011

## FUH SHYAN CO., LTD.

No.27, Chengng Gong 1st., Minshyong Industrial Park, Chiayi County, Taiwan

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

Product Description: Caster  
Style/Item No.: CT600/38/F1122  
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 Sect. 17 of ANSI/BIFMA X5.1-2011  
General-Purpose Office Chairs-Tests

Test Method: Tested according to test procedures with ANSI/BIFMA X5.1-2011

Test Result: ---See attached sheets---

Date of Receipt: JUL. 12, 2011

Testing Period: JUL. 12 ~ 25, 2011

Conclusion: The submitted sample(s) **complies with** 17 of ANSI/BIFMA X5.1-2011.

Signed for and on behalf of  
SGS Taiwan Ltd.

Benson Liao  
Asst. Manager

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**Test Result:** *ASNI /BIFMA X5.1-2011 General-Purpose Office Chairs-Tests*

**Sect. 17 Caster/Chair Base Durability Test – Cyclic**

**Pass**

Base on subsection 17.1.4 a) test procedures (Durability Cycling)

--- Attach the chair base with the casters to a cycling device and apply 225 lbs. load to the chair base and operate the machine on

(1) smooth, hard surface without obstacles for 98,000 cycles

(2) smooth, hard surface with obstacles for 2,000 cycles

at  $10 \pm 2$  cycles per minute. (one cycle consist of a forward and backward stroke – the length of stroke is 30 inches)

Requirements: No structural failure or loss of serviceability.

Base on subclause 17.1.4 b) test procedures (Caster Retention)

**Pass**

--- At conclusion of durability cycling, apply a load of 5 lbf. to each caster in line with the caster stem centerline.

Requirements:

No part of the caster shall separate from the base as a result of the application of 5 lbf. Force

– Picture –



“Photo A”: Appearance of the sample

---End of Report---

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