



Mechanical & Hardgoods Lab

# TEST REPORT

Report No. : HLO0509/2008

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Date : NOV. 10, 2008

## FUH SHYAN CO., LTD.

No.27, Cherng Gong 1st Street, Minshyong Industrial Park, Chiayi County, Taiwan R.O.C.

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

Product Description: Caster  
Style/Item No.: CB650PU  
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. 17 Caster/Chair Base Durability Test – Cyclic

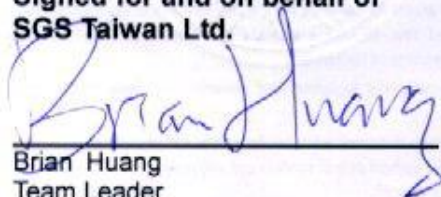
Test Method: Tested according to test procedures with ANSI/BIFMA X5.1-2002

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

Conclusion: In our opinion, the submitted sample(s) comply with Sect. No. 17 of ANSI/BIFMA X5.1-2002 for General - Purpose Office Chair

Testing Period: 2008/10/29~ 2008/11/10

Signed for and on behalf of  
SGS Taiwan Ltd.



Brian Huang  
Team Leader

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

(1) 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 with obstacles for 2,000 cycles

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

at 10±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)

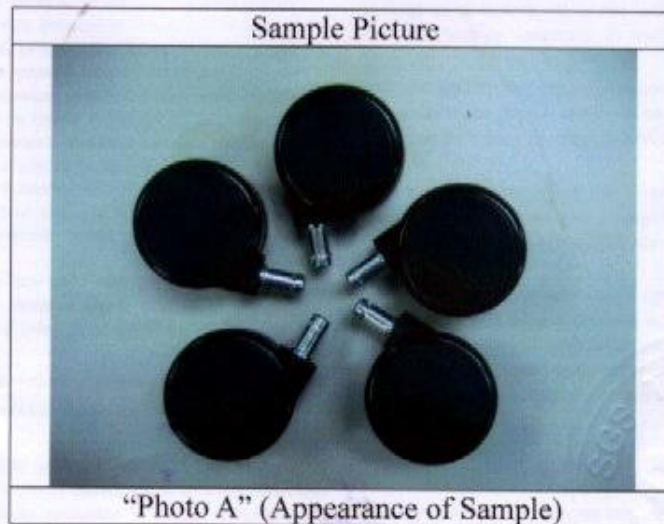
Pass

--- 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 –

Sample Picture



---End of Report---

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