

## TEST REPORT

Mechanical & Hardgoods Lab

Report No. : HL20119/2008

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Date : FEB. 27, 2008

**FUH SHYAN CO., LTD.**

No.27, Cherng Gong One St., Min Shyong Hsiang, Chiayi County, Taiwan, R.O.C.

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

Product Description: CASTORS  
Style/Item No.: HCT600/38/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 ANSI/BIFMA X5.1-2002 General-Purpose Office Chairs-Tests  
Sect. 17 Caster/Chair Base Durability Test – Cyclic

Test Method:

According to ANSI/BIFMA X5.1-2002 General-Purpose Office Chairs-Tests.

Test Results:

--- See attached sheets ---

Conclusion:

In our opinion, the submitted sample complies with Sect. No. 17 of ANSI/BIFMA  
X5.1-2002 General-Purpose Office Chairs-Tests

Testing Period:

FEB. 19, 2008 ~ FEB. 27, 2008

Signed for and on behalf of  
SGS Taiwan Ltd.



Jackson Chen  
Team Leader

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TW 5835491

**Test Method and Result:**

**Caster/Chair Base Durability Test – Cyclic:**

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

--- 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±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.

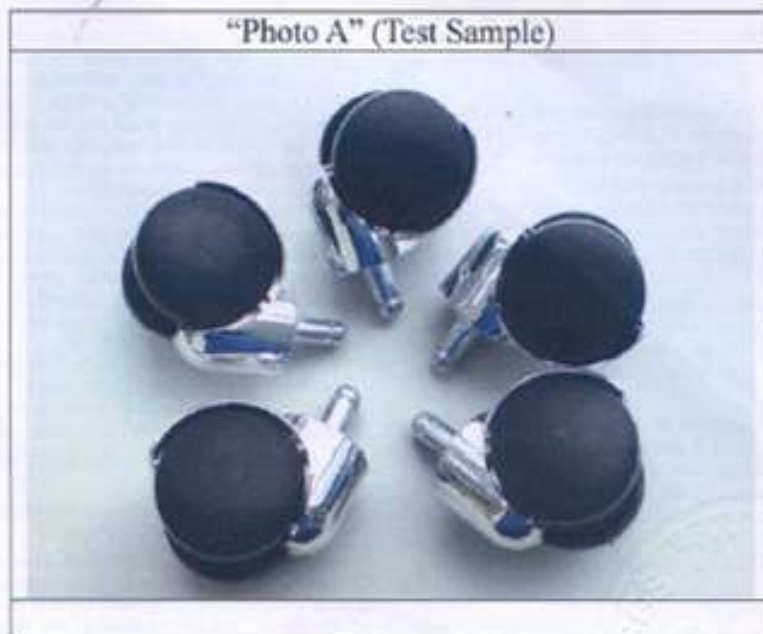
Base on subclause 17.1.4 b) test procedures (Caster Retention) Pass

--- 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

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