

## TEST REPORT

Mechanical & Hardgoods Lab

Report No. : HL40072/2009  
Page : 1 of 2  
Date : APR. 13, 2009

### Fuh Shyan Co., Ltd.

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

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

Product Description: Caster  
Style/Item No.: CB602PU/23/F1122  
Manufacturer/Vendor: Fuh Shyang Co., Ltd.  
Country of Origin: Taiwan

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

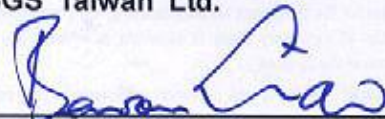
**Test Required:** For compliance with ANSI/BIFMA X5.1-2002 General-Purpose Office Chairs-Tests Sect. 17 Caster/Chair Base Durability Test – Cyclic

**Test Method:** According to ANSI/BIFMA X5.1-2002 General-Purpose Office Chairs-Tests.

**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:** APR. 03, 2009 ~ APR. 10, 2009

Signed for and on behalf of  
SGS Taiwan Ltd.



Benson Liao  
Asst. Manager

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### 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.

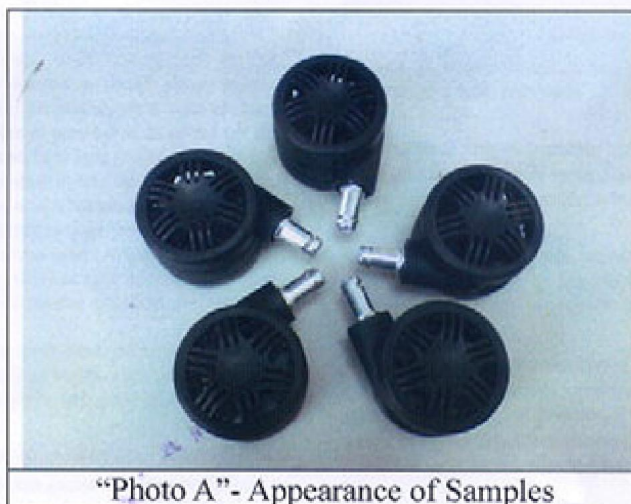
Base on subclause 17.1.4 b) test procedures (Caster Retention) Pass

--- 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

### – Picture Page



--- End of Report ---

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