



Mechanical & Hardgoods Lab

### TEST REPORT

Report No. : HL80291/2008

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Date : SEP. 09, 2008

#### YUN LIANG MACHINERY CO., LTD.

No.205, CHIA-CHAN RD., TZU-KUAN HSIANG, 82647 KAOHSIUNG HSIEN TAIWAN, R.O.C.

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

Product Description: PUBLIC STACKING CHAIR LTS-110Z

Style/Item No.: LTS-110Z

Manufacturer/Vendor: YUN LIANG MACHINERY 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. 11 Seating Impact Test – Cyclic

(2) Sect. 18 Leg Strength Test – Front and Side Application

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 complies with Sect. 11 and 18 of ANSI/BIFMA X5.1-2002 for General - Purpose Office Chair.

Testing Period: 2008/08/22~2008/09/05

Signed for and on behalf of  
SGS Taiwan Ltd.

Brian Huang  
Team Leader

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# TEST REPORT

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

Sec 11 Seating Durability Test – Cyclic

Pass

Base on subsection 11.3 test procedures (Impact test)  
--125 lb. sandbag permitting a free-fall to the center of seat and 1 in. above the uncompressed surface on the seat for 100,000 cycles. (Actual test: 20 c/min.)

Base on subsection 11.4 test procedures (Front Corner Load-Ease test)  
--Apply 165 lb. load to each of front corner of seat by  $\phi$  203mm disc. Test for 20,000 cycles and total 40,000 cycles. (Actual test: 20 c/min.)  
Requirement: No structure failure or loss of serviceability.

Sect 18 Leg Strength Test – Front and Side Application

Pass

Base on subsection 18.3.2 test procedures  
--A functional vertical load 75 lbf shall apply to 1 in from the bottom of the front leg through a rod of 1/2 in diameter. The load shall be applied once to each leg for a minimum of 1 minute and shall be maintained until deflection is reasonably stabilized.-- A proof load of 125 lbf and repeat procedure as above.  
Requirement: No structure failure or loss of serviceability.

Base on subsection 18.4.2 test procedures  
--A 75 lbf functional load shall be applied to 1 in from the bottom of the leg through a rod of 1/2 in diameter, then maintained for 1 minute until deflection is reasonably stability.-- A proof load of 115 lbf and repeat procedure as above.  
Requirement: No structure failure or loss of serviceability.


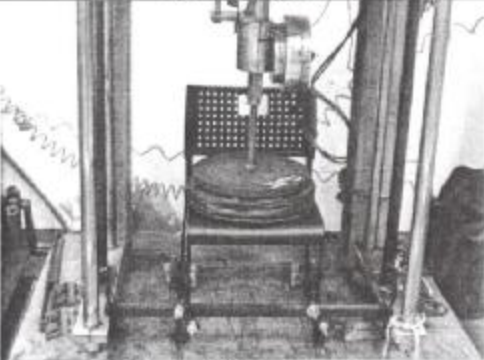

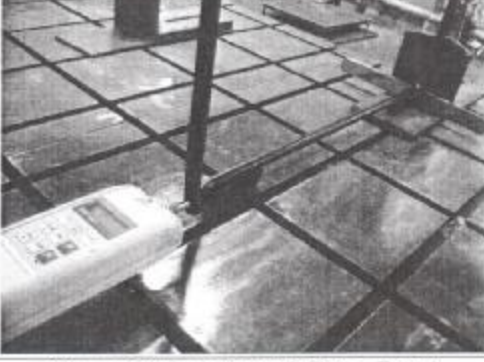


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- Picture -

<p style="text-align: center;">Sample Picture</p>  <p style="text-align: center;">"Photo A" (Appearance of Sample)</p>	<p style="text-align: center;">Sample Picture</p>  <p style="text-align: center;">"Photo B" (Impact test)</p>
 <p style="text-align: center;">"Photo C" (Front Corner Load-Ease test)</p>	 <p style="text-align: center;">"Photo D" (Leg Strength Test - Front)</p>
 <p style="text-align: center;">"Photo B" (Leg Strength Test - Side)</p>	

---End of Report---

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