

Orderer / Customer: **Finest Office Furniture Supplies**
Unit A5, Ground Floor, Block A, Hong Kong Industrial
Centre, 489-491 Castle Peak Road, Lai Chi Kok,
Kowloon, Hong Kong.

Object / Test specimen: Meta X Table Legs

Style Number: -

Order: Test requirements for Mechanical

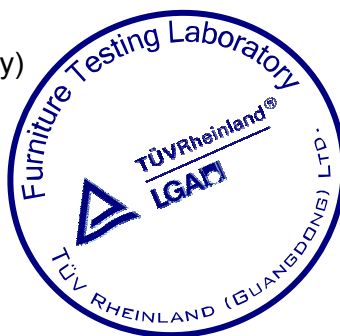
Statement:

The overall test result: **Passed**

The tests were carried out between January 18, 2011 and January 20, 2011. The tests were conducted according to the requirement of ANSI/BIFMA X5.5: 2008 Category I for office use.

Guangzhou, 21/01/2011 (dd/mm/yyyy)

Furniture Testing Laboratory
TÜV Rheinland (Guangdong) Ltd.
Furniture Department



Person in Charge

Stephan Pesch
Head of Furniture Department

Jason Rao
Project Engineer

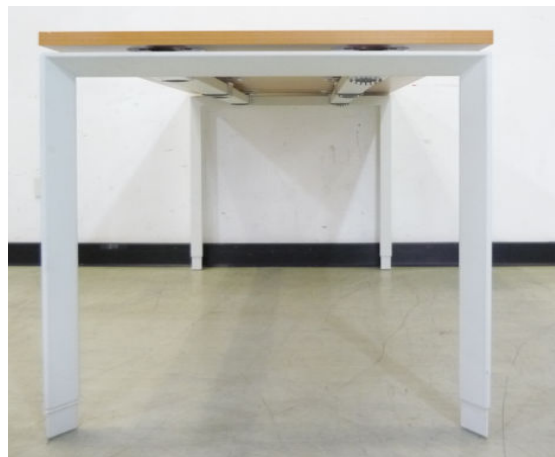
Sample Information:

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|
| Received on: | January 14, 2011 |
| Product Description: | Meta X Table Legs |
| Testing is: | First Time <input type="checkbox"/> Retest <input checked="" type="checkbox"/> Previous Report #: 143153687/GZF/01-01 |
| Revised Report: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Reason For Revision: | - |

Product pictures:



Pic. 1: Front view



Pic. 2: Side view



Pic. 3: Bottom view



Pic. 4: 45° view

Dimensions:

| | | |
|--------------------|---------|----------------|
| Height: | 720-750 | mm |
| Width: | 1600 | mm |
| Depth: | 700 | mm |
| Weight: | 42.1 | kg |
| Work surface area: | 1.12 | m ² |

General tolerances: Unless otherwise specified the accuracy of the linear dimension is defined according to DIN 7168-g relating to old design and DIN ISO 2768 part 1 „c“ for new design. For all other physical dimensions the uncertainty of measurement shall have an accuracy of < 5 % of the nominal force. The tests are performed in common room climate.

Objections:

None

Recommendation:

None

Remark(s):

Only the following tests were performed on the test sample and passed. Other test results in this test report shall refer to the previous report 143153687/GZF/01-01, dated on January 11, 2011.

Mechanical tests:

- Leg strength test

Reference test standard(s) for Mechanical tests - Stability test, Static and durability test

| | |
|-----------------------|-------------------------------------------------------------------|
| ANSI BIFMA X5.5: 2008 | American National Standard For Office Furnishings – Desk Products |
|-----------------------|-------------------------------------------------------------------|

Mechanical Character:

| Technical tests: | | | |
|--------------------------|--------------------------------------------------------|---------------|----------------|
| No. | Method / Title | Sample | Verdict |
| BIFMA X5.5 Clause 3.3 | Clearance Between Adjusting Surfaces | No. - | Not Applicable |
| BIFMA X5.5 Clause 4.2 | Stability with Extendible Elements Open Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 4.3 | Stability Under Vertical Load Test | No. 2 | Passed |
| BIFMA X5.5 Clause 4.4 | Horizontal Stability Test for Desk/Tables with Casters | No. - | Not Applicable |
| BIFMA X5.5 Clause 4.5 | Force Stability Test for Tall Desk/Table Products | No. - | Not Applicable |
| BIFMA X5.5 Clause 5.2 | Concentrated Functional Load Test – functional load | No. 2 | Passed |
| BIFMA X5.5 Clause 5.3 | Distributed Functional Load Test – functional load | No. 2 | Passed |
| BIFMA X5.5 Clause 5.4 | Concentrated Proof Load Test – proof load | No. 2 | Passed |
| BIFMA X5.5 Clause 5.5 | Distributed Proof Load Test – proof load | No. 2 | Passed |
| BIFMA X5.5 Clause 5.6 | Transaction Surface Torsion Load Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 5.7 | Extendible Element Static Load Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 6 | Top Load Ease Cycle Test | No. 1 | Passed |

| Technical tests: | | | |
|---------------------------|--------------------------------------------------------------------------------------------|------------------|-------------------|
| No. | Method / Title | Sample | Verdict |
| BIFMA X5.5 Clause 7 | Desk/Table Unit Drop Test | No. 2 | Passed |
| BIFMA X5.5 Clause 8 | Leg Strength Test – functional load | Retest sample | Passed |
| | Leg Strength Test – proof load | Retest sample | Passed |
| BIFMA X5.5 Clause 9 | Disengagement Test for Tall Desk/Table Products | No. - | Not Applicable |
| BIFMA X5.5 Clause 10.2 | Cycle test for Extendible Elements Deeper than Wide | No. - | Not Applicable |
| BIFMA X5.5 Clause 10.3 | Cycle Test for Extendible Elements Wider than Deep | No. - | Not Applicable |
| BIFMA X5.5 Clause 10.4 | Cycle Test for Center/Pencil Drawers | No. - | Not Applicable |
| BIFMA X5.5 Clause 11 | Extendible Element Retention Impact and Durability Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 12 | Extendible Element Rebound Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 13 | Interlock Strength Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 14.2 | Force Test for Extendible Element Locks | No. - | Not Applicable |
| BIFMA X5.5 Clause 14.3 | Force Test for Door Locks | No. - | Not Applicable |
| BIFMA X5.5 Clause 14.4 | Locking Mechanism Cycle Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 15 | Work Surface Vertical Adjustment Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 16 | Keyboard Support and Input Device Support Adjustment Tests | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.2 | Strength Test for Vertically-Hinged Doors, Bi-fold Doors, and Vertically Receding Doors | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.3 | Hinge Override Test for Vertically-Hinged Doors | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.4 | Vertically Receding Doors Strength Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.5 | Horizontal Receding Door Strength Test | No. - | Not Applicable |

| Technical tests: | | | |
|----------------------------|--------------------------------------------------------------------------------|---------------|----------------|
| No. | Method / Title | Sample | Verdict |
| BIFMA X5.5 Clause 17.6 | Wear and Fatigue Test for Hinged, Horizontal Sliding, and Tambour Doors | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.7 | Wear and fatigue Test for Vertical Receding Doors | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.8 | Wear and fatigue Test for Horizontal Receding Doors | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.9 | Vertical and Horizontal Receding Door Out Stop Test - Cyclic Impact Durability | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.10 | Slam Closed Test for Vertically Hinged and Vertically Receding Doors | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.11 | Drop Cycle Test for Horizontally Hinged and Horizontally Receding Doors | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.12 | Slam Test for Doors that Free Fall Open or Closed | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.13 | Slam Open And Closed Test For Doors That Do Not Free Fall | No. - | Not Applicable |
| BIFMA X5.5 Clause 17.14 | Door Latch Test | No. - | Not Applicable |
| BIFMA X5.5 Clause 18 | Durability Test for Desks and Table with Casters | No. - | Not Applicable |
| BIFMA X5.5 Clause 19 | Pull Force Test | No. - | Not Applicable |

The tests were carried out in indoor ambient conditions at a temperature between 15°C – 25°C.

Note: The test results exclusively base on the presented samples. Detailed information regarding measurement uncertainty is available in the test lab and could be shown on customer's request.

- End of Test Report -