

# TEST REPORT

PTS Test Report: 3271

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Revision: Release

Test Report Date: 03/27/13 Sample Receipt Date: 03/11/13 Sample Receipt Cond.: Normal Test Start Date: 03/11/13

Test Completion Date: 03/27/13

**Customer:** Jerry Vetter

Ivars USA

2803 S. Taylor Drive Sheboygan, WI 53081

#### **1.0 Scope**

To validate the Ivars Malika Guest Chair to the applicable requirements of ANSI/BIFMA X5.1-2011.

#### **2.0 Product Description**

Sample ID	Description	Qty
3271-1	Ivars Malika Guest Chairs.	2
3271-2		





#### 3.0 Summary

When tested to the applicable sections of ANSI/BIFMA X5.1-2011, the samples met all of the applicable requirements.

## **4.0 Test Results**

Sample	ANSI/BIFMA X5.1-2011	Met	Comments/Notes
ID	Test Description	Criteria?	
	& Acceptance Criteria		
3271-1	Section 6 Backrest Strength Test – Static – Type	Yes	Functional Load = 150 lbf for 1 minute.
	II/III		Proof Load = 250 lbf for 1 minute.
	<u>Functional Load</u>		
	A functional load applied once shall cause no loss of		
	serviceability to the chair.		
	<u>Proof Load</u>		
	A proof load applied once shall cause no sudden and		
	major change in the structural integrity of the chair.		
	Loss of serviceability is acceptable.		



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# 4.0 Test Results cont.

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All testing performed from 03/11/13 to 03/27/13 with temperature and humidity ranges at 22.1-26.7°C/32-39%RH.

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Performance Testing Services

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#### **4.1 Test Photos**













Section 6

Section 8

Section 11

Section 12

Section 13









Section 14

Section 16

Section 18

Section  $\overline{21}$ 

## **5.0 Test Equipment Used**

Equipment#	Serial Number	Description	Calibration Due
426	PTS	Measuring Rule – 36"	08/13/13
409	Z9205D066	Shimpo Digital Force Gauge – 50 lbf	04/21/13
431	PTS	Front Stability Fixture	07/13/13
435	PTS	Stability Loading Disks w/support fixture	08/03/13
416	124838	Load Cell w/cond. – 1000 lbf	Verify/Cal. before use
418	212769	Load Cell w/cond. – 1000 lbf	Verify/Cal. before use
414	124829	Load Cell w/cond. – 1000 lbf	Verify/Cal. before Use
PTS	PTS	25 lb & 50 lb weights/bags	06/01/13
411	M111130	Load Cell w/cond 500 lbf	Verify/Cal. before use
412	124857	Load Cell w/cond. – 1000 lbf	Verify/Cal. before use
402	Y9803D032	Shimpo Digital Force Gauge – 500 lbf 03/15/15	
419	31-038-3	Digital Protractor	10/10/13

Approved By:\_

Kirk Craymer Test Engineer