

# INTEGRITY TESTING LABORATORIES,

a division of ErgoLabs, Inc.

## CLIENT:

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LABORATORY NO: F1008311-1  
DATE: September 1, 2010  
CLIENT P.O. NO.: Email, X. Wang  
STANDARD: ANSI/BIFMA X5.5-08

**SAMPLE:** ONE ADJUSTABLE HEIGHT WORKBENCH, R-SERIES  
ALL SIZES TO 36" DEEP AND 72" WIDE, RE3672 TESTED

## ABSTRACT

This report serves to document the testing of the above sample tables to all applicable test paragraphs of ANSI/BIFMA X5.5-2008, tests for office desk and table products. All applicable tests required for complete certification were performed on the largest size sample listed above. Observations were made on all of the smaller sizes of this same series and considered to conform by similarity, as construction details were identical. The remainder of this report will show how the table submitted for testing met the requirements needed for conformance to the stated test paragraphs of the standard.



ADJUSTABLE HEIGHT R-SERIES WORKBENCH, MODEL RE3672

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This report applies only to the sample or samples submitted for testing and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, or these laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed, and upon that condition that it not be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these laboratories.

**RESULTS**

Paragraph	Test Description	Test loads and Cycles	Observations
4.3	Stability Under Vertical Load Test	125 lbs. was applied 7" from table edge at the least stable location	<b>PASS</b> -Unit did not tip over
5.2	Concentrated Functional Load	200 lb. load applied 1" from table edge for a period of 60 minutes	<b>PASS</b> -No failure during or after the load application
5.3	Distributed Functional Load	1.5 lb./in of perimeter, or 324 lb. load applied 8" from table edge for a period of 60 minutes	<b>PASS</b> -No failure during or after the load application
5.4	Concentrated Proof Load	300 lb. load applied 1" from table edge for a period of 15 minutes	<b>PASS</b> -No failure during or after the load application
5.5	Distributed Proof Load	2.3 lb./in of perimeter, or 496 lb. load applied 8" from table edge for a period of 15 minutes	<b>PASS</b> -No failure during or after the load application
6	Top Load Ease Test	200 lb. shot filled bag lifted and set 1" from the table edge for a total of 10,000 cycles	<b>PASS</b> -No loss of serviceability after the performance of the test
7	Unit Drop Test	Each end of the sample was raised to 7.1" above a test platform and released allowing it to impact the platform.	<b>PASS</b> -No loss of serviceability after the performance of the test
8.3	Functional Leg Strength Test	Table was laid on its top and loads of 50 lbs. and 100 lbs. were each applied horizontally within 1" of the end of the leg in two directions.	<b>PASS</b> -No loss of serviceability after the performance of the test
8.5	Proof Leg Strength Test	Table was laid on its top and loads of 75 lbs. and 150 lbs. were each applied horizontally within 1" of the end of the leg in two directions.	<b>PASS</b> -No sudden major change in the structural integrity of the product.

**CONCLUSION**

During the execution of the testing program, the R-Series workbench with any combination of sizes up to 36" deep and 72" wide, performed well with no structural failures or loss of serviceability. These samples submitted for testing **conform** to all of the applicable test paragraphs of ANSI/BIFMA X5.5-2008.



Respectfully submitted,

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