

INTEGRITY TESTING LABORATORIES

CLIENT:

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LABORATORY NO: F1512201-2
DATE: February 9, 2016
CLIENT P.O. NO.: email
STANDARD: ANSI/BIFMA X5.5-14

SAMPLE: ONE WORKBENCH, HARDING SERIES
ALL SIZES TO 48" DEEP AND 120" WIDE, HF48120 TESTED

ABSTRACT

This report serves to document the testing of the above sample tables to all applicable test paragraphs of ANSI/BIFMA X5.5-2014, 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.



HARDING SERIES WORKBENCH, MODEL HF48120

Integrity Testing – 469 CR06, Corinth MS 38834 – 714-321-0191

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
4.2	Stability Under Vertical Load Test	125 lbs. was applied 7" from table edge at the least stable location	PASS-Unit did not tip over
5.2	Concentrated Functional Load	200 lb. load applied 1" from table edge for a period of 60 minutes	PASS-No failure during or after the load application
5.3	Distributed Functional Load	1.5 lb./in of perimeter, or 504 lb. load applied 8" from table edge for a period of 60 minutes	PASS-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	PASS-No failure during or after the load application
5.5	Distributed Proof Load	2.3 lb./in of perimeter, or 773 lb. load applied 8" from table edge for a period of 15 minutes	PASS-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	PASS-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.	PASS-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.	PASS-No sudden major change in the structural integrity of the product.

CONCLUSION

During the execution of the testing program, the **Harding Series workbench with any combination of sizes up to 48" deep and 120" 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 X5.5-2014.

Respectfully submitted,

Edwin A. Leach
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