

INTEGRITY TESTING LABORATORIES

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STANDARD: ANSI/BIFMA X5.5-08

SAMPLE WORKBENCH INSTRUMENT SHELF MODEL QS-1020002-D,
TESTED WITH A WORKMASTER SERIES MODEL QS-1000002-D,
WORKBENCH WITH A 30" X 60" SURFACE

ABSTRACT

This report serves to document the testing of the above samples 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 this sample listed above. In addition, we were requested to determine the maximum load capacity of the sample. The remainder of this report will show how the sample submitted for testing **met the requirements needed for conformance to the stated test paragraphs of the standard.**



WORK BENCH INSTRUMENT SHELF

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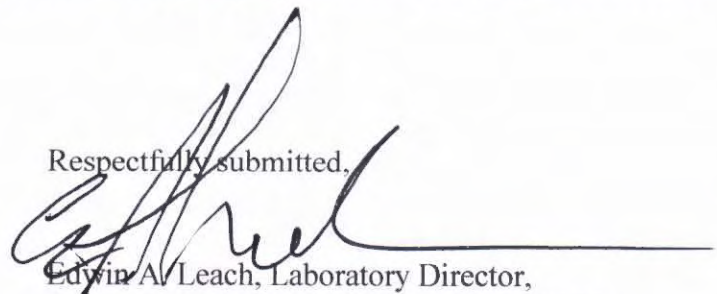
RESULTS

Paragraph	Test	Test loads and Cycles	Observations
4.5	Force Stability Test for Tall Products	Appropriate 40 lb. loads applied in the four different required locations.	PASS- The test unit did not tip during or after the load applications
5.3	Distributed Functional Load	0.017 lb./cu in of clear space, 184 lb applied to shelf surface for a period of 60 minutes	PASS- No failure during or after the load application
5.5	Distributed Proof Load	0.026 lb./cu in of clear space, 280 lb applied to shelf surface for a period of 15 minutes	PASS- No failure during or after the load application
5.6	Transaction Surface Torsion Load Test	Appropriate 75 lb. load applied utilizing a hanging torsional strap assembly for a period of 15 minutes	PASS- No failure during or after the load application
7	Unit Drop Test	Each end of the sample workbench on which the shelf was mounted was raised to 4.7" above a test platform and released allowing it to impact the platform.	PASS- No loss of serviceability after the performance of the test
NONE	Load Capacity Determination	Various loads were placed on the surface in order to determine reasonable load capacity.	Maximum working load = 300 lb

CONCLUSION

During the execution of the testing program, the **Workbench Instrument Shelf** performed well with no structural failures or loss of serviceability when tested with a 30" x 60" Workmaster bench surface. This sample submitted for testing **conforms to all of the applicable test paragraphs** of ANSI/BIFMA X5.5-2008.

Respectfully submitted,



Edwin A. Leach, Laboratory Director,
 INTEGRITY TESTING LABORATORIES

