INTEGRITY TESTING LABORATORIES

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DATE: January 15, 2014
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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

Integrity Testing - 469 CR 306, Corinth, MS 38834 - Phone: (714) 630-2363

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

<table>
<thead>
<tr>
<th>Paragraph</th>
<th>Test Description</th>
<th>Test loads and Cycles</th>
<th>Observations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5</td>
<td>Force Stability Test for Tall Products</td>
<td>Appropriate 40 lb. loads applied in the four different required locations.</td>
<td>PASS- The test unit did not tip during or after the load applications</td>
</tr>
<tr>
<td>5.3</td>
<td>Distributed Functional Load</td>
<td>0.017 lb./cu in of clear space, 184 lb applied to shelf surface for a period of 60 minutes</td>
<td>PASS-No failure during or after the load application</td>
</tr>
<tr>
<td>5.5</td>
<td>Distributed Proof Load</td>
<td>0.026 lb./cu in of clear space, 280 lb applied to shelf surface for a period of 15 minutes</td>
<td>PASS-No failure during or after the load application</td>
</tr>
<tr>
<td>5.6</td>
<td>Transaction Surface Torsion Load Test</td>
<td>Appropriate 75 lb. load applied utilizing a hanging torsional strap assembly for a period of 15 minutes</td>
<td>PASS-No failure during or after the load application</td>
</tr>
<tr>
<td>7</td>
<td>Unit Drop Test</td>
<td>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.</td>
<td>PASS-No loss of serviceability after the performance of the test</td>
</tr>
<tr>
<td>NONE</td>
<td>Load Capacity Determination</td>
<td>Various loads were placed on the surface in order to determine reasonable load capacity.</td>
<td>Maximum working load = 300 lb</td>
</tr>
</tbody>
</table>

## 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.