

INTEGRITY TESTING LABORATORIES

CLIENT:

Hardware Resources
4319 Marlena Street
Bossier City, LA 71111
Attention: Travis McElveen

LABORATORY NO: F1308171-5
DATE: August 30, 2013
CLIENT P.O. NO.: Vbl, T. McElveen
STANDARD: ANSI/BHMA A156.9-03

SAMPLE: 5460 SERIES SHELF BRACKETS AND STANDARDS,
P/N's 3460-14/16/18/20/22/24 AND TRK05

ABSTRACT

This report serves to document the testing of the above sample to all applicable test paragraphs of ANSI/BHMA A156.9-03, American national standards for cabinet hardware. Test procedures include a static load test and an impact load test. The remainder of this report will show how the shelf supports submitted for testing **met the requirements needed for conformance** to the standard.

RESULTS

DETERMINATION	OBSERVATION	ANSI/BHMA REQUIREMENT	RESULT
Static load test BHMA section 4.9.6	The shelf support assemblies maintained the required loads without any structural breakage or loss of serviceability.	With the specified test fixture, the samples shall support a specified static load for five minutes. 14" = 180 lb, 16/18/20/22/24" = 210 lb	PASS
Impact load test BHMA section 4.9.7	The shelf support assembly remained intact without any structural breakage or loss of serviceability after the additional impact load of 20 in-lbf. The total shelf deflection was recorded to be less than 3 degrees.	With the specified load remaining on the shelf support test fixture, the samples shall withstand an additional impact load of 20 in-lbf. After the impact the total shelf deflection shall not exceed 3 degrees from the original measurement	PASS

CONCLUSION

The above samples submitted for testing **met all of the test requirements and conform** to ANSI/BHMA 156.9-2003 for **Grade 2** products.

Respectfully submitted,


Edwin A. Leach, Laboratory Director
INTEGRITY TESTING LABORATORIES

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