

# ***INTEGRITY TESTING LABORATORIES,***

## **CLIENT:**

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

LABORATORY NO: F1309231-4  
DATE: October 1, 2013  
CLIENT P.O. NO.: Vbl, T. McElveen  
STANDARD: ANSI/BHMA A156.9-10

**SAMPLE:** HEAVY DUTY MAGNETIC CATCH P/N 50760

## **ABSTRACT**

This report serves to document the testing of the above sample to all applicable test paragraphs of ANSI/BHMA 156.9-2010, American national standards for cabinet hardware. Test procedures include a holding force test and a cycle life test. The remainder of this report will show how the sample submitted for testing **met the requirements needed for conformance** to the standard.

## **PROCEDURES**

All procedures were performed with strict adherence to the ANSI/BHMA A156.9 standard with no exceptions.

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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.

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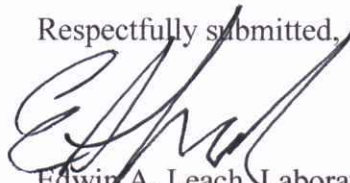
**RESULTS**

<b>LABORATORY DETERMINATION</b>	<b>LABORATORY OBSERVATION</b>	<b>ANSI/BHMA A156.9-10 GRADE 1 REQUIREMENT</b>	<b>TEST RESULT</b>
Holding Force Test BHMA section 4.5.2	The holding force was measured to be 8.8 lbs before the cycle test.	The holding force of the catch shall be not less than 6.0 lb before cycle testing.	<b>PASS</b>
Catch cycle life test BHMA section 4.5.3	The catch as completely operable for 100,000 cycles. The holding force after the completion of the test was 7.0 lbs.	The catch shall be operable for 100,000 cycles and it shall retain at least 50% of its rated minimum pull (or 3.0 lbs) at the completion of the test.	<b>PASS</b>

**CONCLUSION**

During the execution of the testing program, the model **50760 heavy duty magnetic catch** performed well with no structural breakage or failure. This sample submitted for testing met all of the catch test requirements and **conforms** to ANSI/BHMA 156.9-2010 for **Grade 1** products.

Respectfully submitted,



Edwin A. Leach, Laboratory Manager  
 INTEGRITY TESTING LABORATORIES

