



# GAYNES LABS, INCORPORATED

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August 12, 2002

Hettich America L. P.  
6225 Shiloh Road-Suite A  
Alpharetta, Georgia 30005-2206

**Attention:** Mr. Todd DeVerter

**Regarding:** ANSI/BIFMA Testing of Drawer Slides  
Our Job No. 02372C  
Your P. O. No. 123723

Dear Mr. DeVerter:

Please find enclosed the results of the tests that were conducted on the submitted samples identified as follows:

One left hand drawer slide and one right hand drawer slide, Part No. KA4620 (18" Slide Length, 1.5" Over Travel), manufactured by Hettich America L. P.

One wooden test fixture approximately 39 5/8" w. x 20" d. x 15 7/8" h. (outside dimensions). The fixture included a single lateral file-like drawer with the test slides attached (no pulls on drawer front). The outside drawer dimensions were approximately 37" w. x 17 3/4" d. x 13 1/8" h. The inside drawer dimensions were approximately 35 1/2" w. x 16 1/4" d. x 11 3/4" h. The drawer front was labeled: KA4620 Slides.

The above items were shipped to Gaynes Labs from Hettich America L. P. The items appeared to be unused and in good condition.

## TEST PROCEDURE:

The tests were conducted based upon ANSI/BIFMA X5.2-1997 Lateral Files-Tests, Section 9 Extendible Member Cycle Test/Section 15 Pull Force Test. The total test load including the drawer weight was 200 pounds, as you requested. The drawer connections were as follows:

Center of the drawer face	55,000 Cycles
One sixth of the drawer face width, right hand side	10,000 Cycles
One sixth of the drawer face width, left hand side	10,000 cycles

Cycling was conducted at a rate of 12 cpm. The travel was adjusted to stop within 1/4" from the full extended position and 1/4" from the full closed position. The specified Section 15 Pull Force Tests were conducted after 100 cycles and after 75,000 cycles.

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### TEST RESULTS:

#### Section 15 Pull Force Test (After 100 cycles)

Fully Closed to 6" Open Position = 9.9 Lbs. Maximum Force

6" Open Position to Fully Extended Position = 3.5 Lbs. Maximum Force

#### Section 9 Extendible Member Test

Inspection after 75,000 cycles (55,000 Center, 10,000 Right, 10,000 Left) - There was no loss of serviceability to the unit. The slides met the pull force requirements before and after the cycling test.

#### Section 15 Pull Force Test (After 75,000 cycles)

Fully Closed to 6" Open Position = 3.5 Lbs. Maximum Force

6" Open Position to Fully Extended Position = 1.5 Lbs. Maximum Force

The submitted slides meet the requirements of the Section 9-Extendible Member Test and Section 15-Pull Force Tests. The tested slides and cabinet shall be returned to your attention for further evaluation.

Very truly yours,



Philip D. Ross