

# GAYNES LABS, INCORPORATED

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Kewaunee Scientific Corporation  
2700 West Front Street  
Statesville, NC 28677-2927

September 18, 2015

**Attention:** Mr. Jeremy Miller

**Regarding:** SEFA Testing of a Metal Base Cabinet, Wall Mounted Cabinet, & Metal Frame Table  
Gaynes Labs Job No. 15497  
Kewaunee P.O. No. A00004138

Dear Mr. Miller:

This report indicates the results of the testing that was conducted on one Metal Base Cabinet, one Wall Mounted Cabinet, & one Metal Frame Table submitted by Kewaunee Scientific Corporation.

## **TEST ITEMS:**

**Metal Base Cabinet:** Model No. E40C352248-0104 Combination cupboard and one drawer. The drawer was above the cupboard, full width and approximately one-fourth the height of the cabinet's face opening. The inside depth of the drawer is 18". The drawer in the full open position exposes no less than 2/3 of the drawer interior. The cupboard is a double-door design and provides unobstructed entry into the cabinet interior with the doors open. The unit was supplied with one adjustable shelf. 48" wide x 22" deep x 35 3/4" high.

**Metal Wall Mounted Cabinet:** Model No. W25C301348 – The cabinet is all metal construction with a double-door design that provides unobstructed entry into the cabinet interior with the doors open. The cabinet is equipped with two metal shelves that can be adjusted to various heights. 48" wide, 12.25" deep, and 30" high.

**Metal Framed Table:** Mode No. A00C042260 – The table frame is all metal construction with four square legs and is free standing. 58" wide, 22.25" deep, and 35" high (excluding top). The table top is 1" thick.

## **TEST RESULTS**

Testing was conducted in accordance with the Scientific Equipment and Furniture Association (SEFA) 4th Edition Version 1.0, 2010 test methods and instructions from Kewaunee Scientific Corporation.

### **Description of Test**

### **Result**

#### **4.0 Base Cabinets**

4.2 Cabinet Load Test (Photo 1)

Meets Acceptance Level

4.3 Cabinet Concentrated Load Test (Photo 2)

Meets Acceptance Level

4.4 Cabinet Torsion Test (Photo 3)

Meets Acceptance Level

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### Description of Test

### Result

#### **5.0 Doors**

5.1 Door Hinge Test (Photo 4)

Meets Acceptance Level  
Using F-5266-03 Hinge

5.2 Door Impact Test (Photo 5)

Meets Acceptance Level

5.3 Door Cycle Test (Photo 6)

Meets Acceptance Level

#### **6.0 Drawers**

6.1 Drawer Static Test (Photo 7)

Meets Acceptance Level

6.2 Drawer and Door Pull Test (Photo 8)

Meets Acceptance Level

6.3 Drawer Impact Test (Photo 9)

Meets Acceptance Level

6.4 Drawer Internal Impact (Photo 10)

Meets Acceptance Level

6.5 Drawer Cycle Test, 100 pound load (Photo 11)

Meets Acceptance Level  
Using F-8400-00 Drawer Slide

#### **7.0 Shelving**

7.2 Shelf Load Test (Photo 12)

Meets Acceptance Level\*

#### **9.0 Wall Mounted Cabinets**

9.2 Load Test (Photo 13)

Meets Acceptance Level

#### **10.0 Tables**

10.2 Table Static Load (Photo 14)

Meets Acceptance Level

10.3 Table Racking (Photo 15)

Meets Acceptance Level

**\* - Indicates testing with the replacement components.**

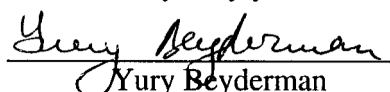
### **TEST SUMMARY:**

The Metal Base Cabinet (Model No. E40C352248-0104), Metal Wall Mounted Cabinet (Model No. W25C301348), and Metal Framed Table (Mode No. A00C042260), submitted by Kewaunee Scientific Corporation were subjected to the applicable tests described in the Scientific Equipment and Furniture Association (SEFA) 4th Edition Version 1.0, 2010 and meet the Acceptance Levels (Passes Tests).

Photographs and data sheets of the testing program shall be kept on file at Gaynes Labs, Inc.

Please contact me if you have questions or need additional information regarding this test program.

Very truly yours

  
Yury Beyderman

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Photo 1: 4.2 Cabinet Load Test



Photo 2: 4.3 Cabinet Concentrated Load Test

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Photo 3: 4.4 Cabinet Torsion Test

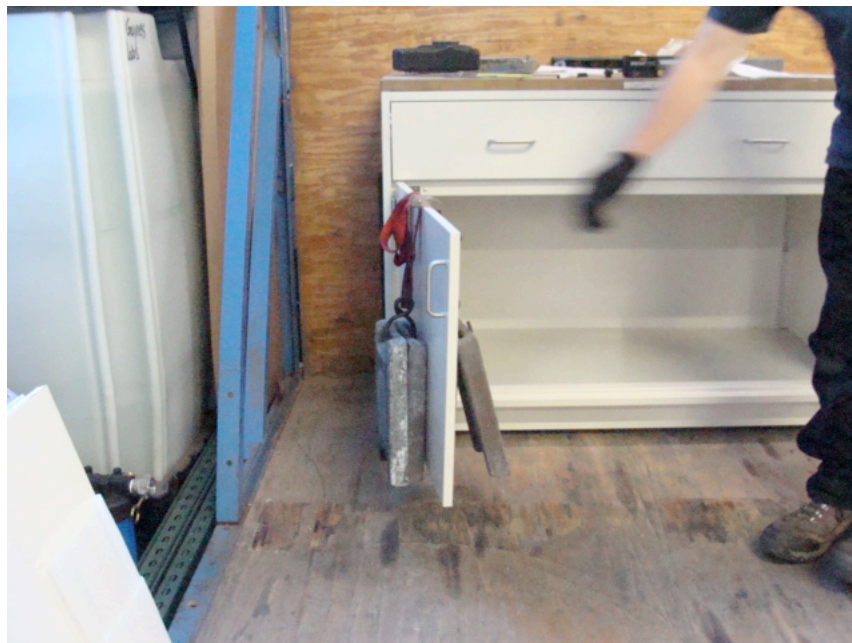


Photo 4: 5.1 Door Hinge Test

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Photo 5: 5.2 Door Impact Test



Photo 6: 5.3 Door Cycle Test

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Photo 7: 6.1 Drawer Static Test



Photo 8: 6.2 Drawer and Door Pull Test

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Photo 9: 6.3 Drawer Impact Test

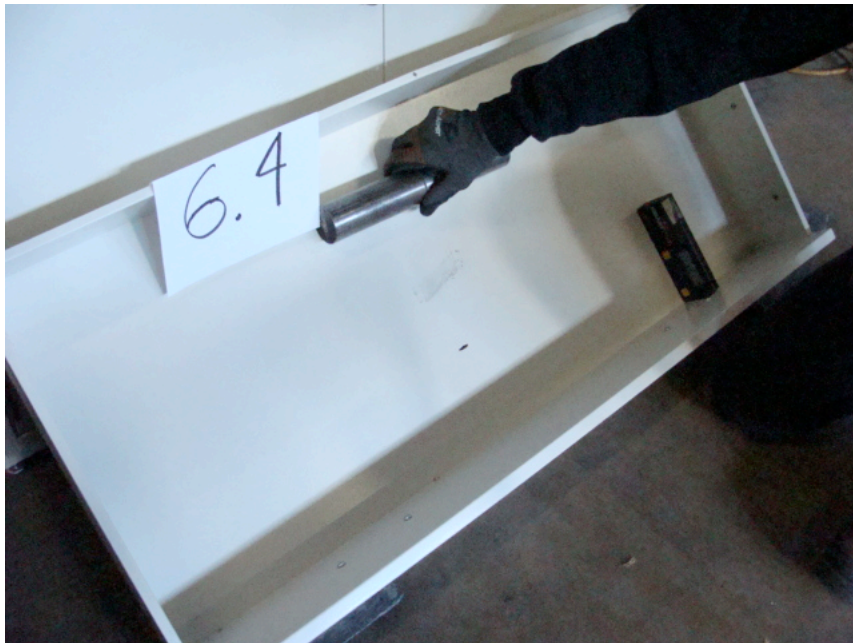


Photo 10: 6.4 Drawer Internal Impact Test

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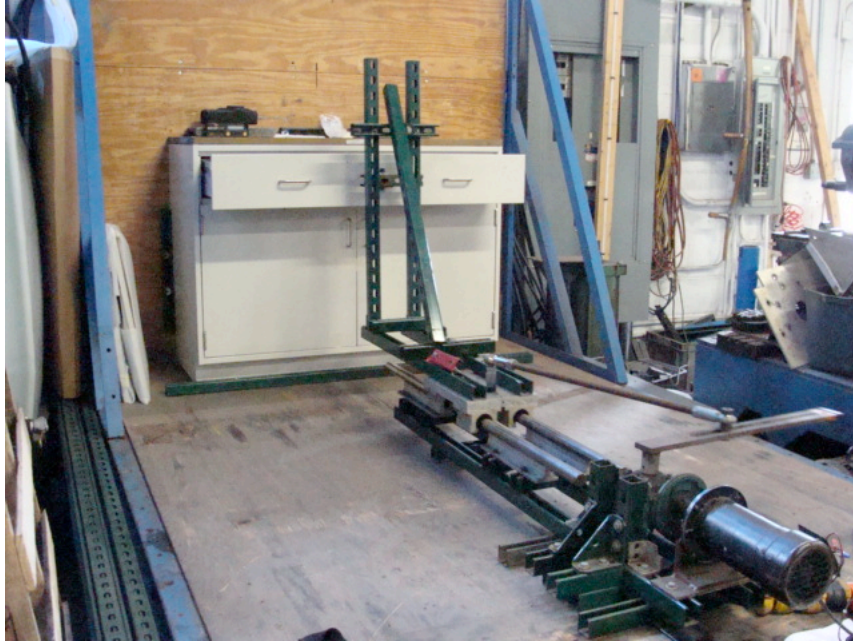


Photo 11: 6.5 Drawer Cycle Test, 100 Pound Load in Drawer



Photo 12: 7.2 Shelf Load Test, 0.238" Deflection



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Photo 13: 9.2 Load Test



Photo 14: 10.2 Table Static Load

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Photo 15: 10.3 Table Racking

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**GENERAL STATEMENT COVERING THIS REPORT**

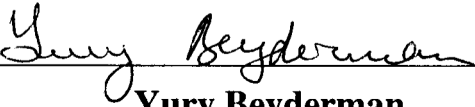
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- (b) Differences between those items actually tested and items previously or subsequently produced which are purported to be identical to the item tested;
- (c) Any use of the tested item, whether by Kewaunee Scientific Corporation. or a third party, following its return to the Kewaunee Scientific Corporation. from Gaynes Labs, Incorporated.

**Gaynes Labs, Inc.**

  
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**Yury Beyderman**