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

October 17, 2011

Attention: Mr. Jeremy Miller

Regarding: SEFA Testing of a Metal Base Cabinet

Gaynes Labs Job No. 11422-1 Kewaunee P.O. No. A21793

Dear Mr. Miller:

This report indicates the procedures and results of the testing that was conducted on one metal base cabinet, submitted by Kewaunee Scientific Corporation. Testing was conducted in accordance with the Scientific Equipment and Furniture Association (SEFA) 4th Edition Version 1.0, 2010 test methods. Testing was conducted at Gaynes Labs, Incorporated, Bridgeview, Illinois.

TEST ITEM:

Metal Base Cabinet as a combination of a 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. The cabinet back is designed with a removable panel (panel was removed during testing).

Overall cabinet dimensions: 48" wide x 22" deep x 35 1/2" high.

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

5.0 Doors

5.1 Door Hinge Test (Photo 4)

Meets Acceptance Level

5.2 Door Impact Test (Photo 5)

Meets Acceptance Level

5.3 Door Cycle Test (Photo 6)

Meets Acceptance Level

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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

TEST SUMMARY:

The Metal Base Cabinet submitted by Kewaunee Scientific Corporation was subjected to the applicable tests described in the Scientific Equipment and Furniture Association (SEFA) 4th Edition Version 1.0, 2010 and meets 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.

Report Prepared By: 
Leonard Roesner

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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