

I D SYSTEMS, INC.

TEST REPORT

SCOPE OF WORK

SEFA 8M-2016 RECOMMENDED TESTING STANDARDS FOR LABORATORY GRADE METAL CASEWORK on Wall Mounted brackets on Standards, and Wall Mounted brackets.

REPORT NUMBER

10545995GRR-001

ISSUE DATE:

June-15-2023

PAGES

7

DOCUMENT CONTROL NUMBER

Per GRFurn-RT-025 SEFA 8M-2016 Metal Casework Report Template
(06-Feb-2023) © 2023 INTERTEK



TEST REPORT FOR I D SYSTEMS, INC.

Report No.: 10545995GRR-001

Date: Jun-15-2023

P.O.: 0000390

SECTION 1

CLIENT INFORMATION

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Engineer's Name
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Reviewer's Printed Name
Eric Frees

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SECTION 2

SUMMARY AND CONCLUSION

Date Received Jun-02-2023
Dates Tested Jun-13-2023 to Jun-15-2023

DESCRIPTION OF SAMPLES

Part Description:

Sample 1: 36" tall wall standards with undermount style brackets

Sample 2: Wall mount brackets

Condition of samples: New

WORK REQUESTED/APPLICABLE DOCUMENTS

SEFA 8M-2016 LABORATORY GRADE METAL CASEWORK
Intertek quote Qu-01363727

CONCLUSION

| Sample# | TEST | RESULTS |
|---------|---------------------|------------|
| 1 | 7.2 Shelf Load Test | CONFORMING |
| 2 | 7.2 Shelf Load Test | CONFORMING |

* Suitability for a given application is dependent upon the chemicals used in a given laboratory.

SAMPLE DISPOSITION

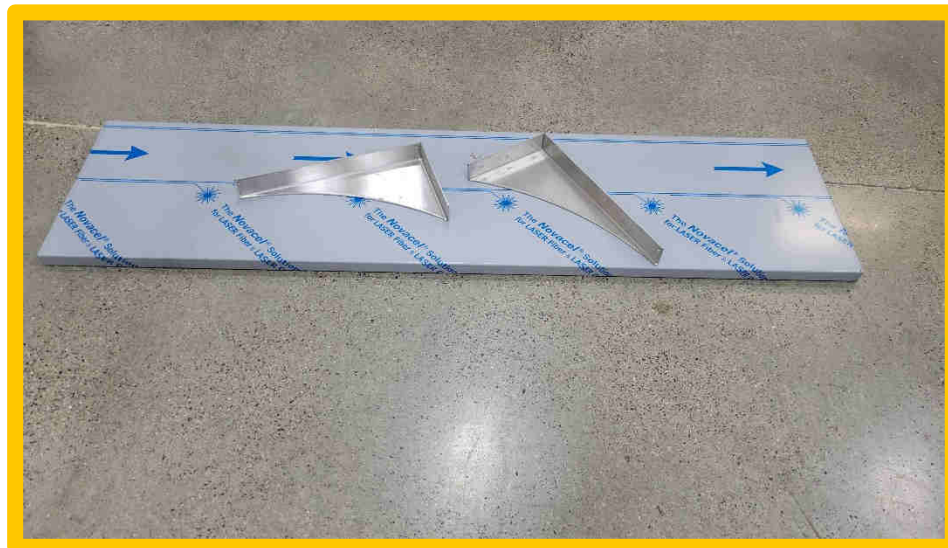
The samples were returned to client upon test completion.

TEST EQUIPMENT

| ASSET # | DESCRIPTION | LAST CAL | NEXT DUE |
|-----------|--------------------|------------|------------|
| 138012 | Scale/0-1,000# | 08/11/2022 | 08/11/2023 |
| 138900.10 | Stopwatch | 03/10/2023 | 03/10/2024 |
| 138519 | Graduated Rule 48" | 01/10/2023 | 01/10/2024 |



Sample 1-36" Tall Wall Standards with Undermount Style Brackets



Sample 2- Wall Mount Brackets

SECTION 3

7.2 SEFA 8M-2016 – SHELF LOAD TEST:

Date Received: Jun-02-2023
Date Tested: Jun-12-2023 to Jun-14-2023
Location Tested: Intertek Kentwood, MI

DESCRIPTION OF SAMPLES:

| MODEL NUMBER | DESCRIPTION OF SAMPLE |
|--------------|--|
| Sample 1 | 36" tall wall standards with undermount style brackets |
| Sample 1 | Wall mount brackets |

This test is only shelf deflection of the shelf in a base cabinet.

Condition of Samples: Production
Number of Samples: Two (2)

TEST PROCEDURE:

7.2.2 Test Method:

A shelf shall be mounted in the manner in which it is designed. Measure the distance from the underside of the shelf to a reference point perpendicular to the center of the shelf. Use shot or sand bags weighing 10 lbs. (4.535 kg) each. Unless otherwise specified, load the shelf uniformly to 40 lbs. (18.14 kg) per square foot shelf area to a maximum of 200 lbs. (90.70 kg). Measure the deflection on the shelf by measuring the distance to the reference point and calculating the difference between the two measurements. Record data and remove the load.

ACCEPTANCE CRITERIA:

7.2.3. Acceptance Level:

The allowable maximum deflection of a shelf is 1/180 of the span and not in excess of .25" (6.35 mm.).

RESULTS:

| SAMPLE | SHELF LOAD | DEFLECTION MEASURED | RESULTS |
|--------|------------|---------------------|------------|
| 1 | 160 lbs. | 0.172 | CONFORMING |
| 2 | 160 lbs. | 0.165 | CONFORMING |

The submitted sample **met** the acceptance criteria for the test described above. Refer to the following pages for photographs.



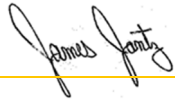

Shelf Load Test – Sample 1



Shelf Load Test – Sample 2

SECTION 4

REVISIONS MADE TO TEST REPORT

| DATE | REVISION DESCRIPTION | REVISED BY | REVISED BY | REVIEWED BY |
|-------------|----------------------|-------------|--|---|
| Jun-15-2023 | Initial release. | James Jantz |  |  |
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