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CONSET AMERICA

Date: 6/13/14

Report No.: 101479431GRR-001

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Test Report For:

CONSET AMERICA

ANSI/BIFMA X5.5-2014 FOR DESK/TABLE PRODUCTS

501-27 Adjustable Table















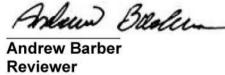




Senier Project Manager

Intertek





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Conset America 225 Elf Way Pittsboro, NC 27312 PH: 704-236-8114

DATES RECEIVED: 1/8/14,5/9/14 **DATES TESTED:** 1/9/14-6/3/14

DESCRIPTION OF SAMPLES:

Part Description: 501-27 Adjustable Table

Condition of Test Sample: Production

WORK REQUESTED/APPLICABLE DOCUMENTS:

To test the submitted samples per ANSI/BIFMA X5.5-2014 Desk Product Test Standard for the following test program:

Test Number	Test Description	
4.3	Stability Under Vertical Load Test	
5	Unit Strength Test	
6	Top Load Cycle Test	
7	Desk/Table Unit Drop Test	
8	Leg Strength Test	
15	Work Surface Vertical Adjustment Test	

CONCLUSION:

The submitted sample meets the acceptance criteria of the tests listed above.

TEST EQUIPMENT:

Asset	Description	Manufacturer	Cal Date	Cal Due
138002	25 LB BAG WEIGHTS	FAIRBANKS	11/24/2006	VBU
138012	SCALE / 0-1,000 #	FAIRBANKS	12/11/2013	12/11/2014
138112	GRADUATED RULE 36"	STARRETT	10/11/2013	10/11/2014
138272	LOAD CELL 0-1,000 #	CHATILLON	10/16/2013	10/16/2014
138039.12	BAG WEIGHT (200 lbs)	ENTELA	07/16/2007	VBU
	COUNTER / VERTICAL			,
138044	CYLINDER	Unknown	VBU	VBU
		FISHER		
138302	STOPWATCH	SCIENTIFIC	07/10/2012	07/10/2014

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4.3 STABILITY UNDER VERTICAL LOAD TEST:

Date Tested: 1/9/14
Condition of Test Sample: Production

Test Procedure:

Test Method: ANSI/BIFMA X5.5-2014; Test No. 4

The unit shall be leveled. Placement of the load shall be

on a 12" diameter disk 1" from the edge at the

least stable position.

Top Load: 125 lbs. Number of Samples Tested: One (1)

Acceptance Criteria:

The unit shall not tip over.

Results:

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Stability Under Vertical Load Test

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5. UNIT STRENGTH TEST:

Date Tested: 5/21/14
Condition of Test Sample: Production

Test Procedure:

Test Method: ANSI/BIFMA X5.5-2014, Test No. 5

Surface to be Tested	Work Surface	
Surface Size:	71 ¾" x 30"	
Concentrated Load (lbs)		
Functional:	200	
Proof:	300	
Distributed Load (lbs)		
Functional:	305	
Proof:	468	

Number of Samples Tested: One (1)

Acceptance Criteria:

Functional Load: There shall be no loss of serviceability.

Proof Load: There shall be no major change in the structural

integrity.

Results:

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Functional Concentrated Load



Distributed Functional Load

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Concentrated Proof Load



Distributed Proof Load

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6 - TOP LOAD EASE TEST:

Date Tested: 5/30-6/2/14 Condition of Test Sample: Production

Test Procedure:

Test Method: ANSI/BIFMA X5.5-2014, Test No. 6

Number of Cycles: 10,000 Load: 200 lbs. Cycles Per Minute: 14 ± 6

Load Drawers with:

Load Area:

Number of Samples Tested:

0.017 lb/cu. In.
16" Diameter
One (1)

Acceptance Criteria:

No loss of serviceability. A pull force to overcome anti-rebound or interlock and to fully extend the drawer shall not exceed 11.2 lbs.

Results:

Number of Cycles	Description of Results
10,000	Pass

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Top Load Ease Test

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7 - DESK/TABLE UNIT DROP TEST:

Date Tested: 6/3/14
Condition of Test Sample: Production

Test Procedure:

Test Method: ANSI/BIFMA X5.5-2014; Test No. 7

NOTE: Test applies to freestanding Category 1 Desk or Tables that are less than 72" in length. Test does not

apply to units with casters.

Set all adjustable features at midpoint.

Weight of Unit: 115 lbs. Height of Drop: 4.7 in"

Number of Samples Tested: One (1)

Acceptance Criteria:

There shall be no loss of serviceability.

Results:

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Desk/Table Unit Drop Test

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8 - LEG STRENGTH TEST:

Date Tested: 6/3/14
Condition of Test Sample: Production

Test Procedure:

Test Method: ANSI/BIFMA X5.5-2014; Test No. 8

NOTE: Based on the Desk or Table Category.

Calculate Functional and Proof Loads.

Unit Weight: 115 lbs.

Functional Load:

Inward Static Load to Leg: 100 lbf.
Outward Static Load to Leg: 50 lbf.

Proof Load:

Inward Static Load to Leg: 150 lbf.
Outward Static Load to Leg: 75lbf.

Number of Samples Tested: One (1)

Acceptance Criteria:

Functional Load: No loss of serviceability.

Proof Load: No major changes in the structural integrity.

Results:

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Leg Strength Test-Outward



Leg Strength Test-Inward

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15. WORK SURFACE VERTICAL ADJUSTMENT TEST:

Date Tested: 5/12-5/19/14
Condition of Test Sample: Production

Test Procedure:

Test Method: ANSI/BIFMA X5.5-2014; Test No. 15

Number of Cycles: 1,000 in each quartile.

Load: 100 lbs.

Cycle Rate: Recommended by manufacturer or six (6) cycles per

minute.

Number of Samples Tested: One (1)

Acceptance Criteria:

There shall be no loss of serviceability. For tables with crank driven adjustment mechanisms, the operating force on the handle to adjust the table shall not exceed 11.2 lbs.

Results:

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Work Force Vertical Adjustment Test

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Revisions Made To Test Report

Index	Date	Revision Description	Revised by
001	June 13, 2014	Initial release.	Jim Jantz
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