

FURNITURE IN-HOUSE TEST REPORT

Top Systems Group Inc. | Quality Assurance Department

1. PRODUCT & TEST IDENTIFICATION

Factory / Supplier		Agent	
Customer		Product Description	
Item Number		Version / Revision	
Test Date		Tester(s)	
Product Dimensions	x x	Net Weight	kg
Product Photo	Insert product photo	Overall Test Result	PASS / FAIL / PENDING

2. PRODUCT SPECIFICATION / TEST PROTOCOL

Product Specification	Record the product details relevant to the test, including material / construction / component thickness / other applicable requirements.
Test Protocol Used	1. 2. 3.
Testing Scope	Record the tests performed and identify any test marked Not Applicable with the reason.

3. TEST SUMMARY

#	Test	Status	Remarks
1	Interlock Systems Test	PASS / FAIL / N.A.	
2	Stability - Simulated Clothing Load	PASS / FAIL / N.A.	
3	Stability - Horizontal Dynamic Force	PASS / FAIL / N.A.	
4	Stability - Carpet / Child Weight	PASS / FAIL / N.A.	
5	Recommended Load Test	PASS / FAIL / N.A.	
6	Storage Unit Drop Test	PASS / FAIL / N.A.	
7	Distributed Functional Load	PASS / FAIL / N.A.	
8	Distributed Proof Load	PASS / FAIL / N.A.	
9	Extendible Element Functional Load	PASS / FAIL / N.A.	
10	Extendible Element Proof Load	PASS / FAIL / N.A.	

4. TEST SETUP / APPLICABILITY RECORD

Field	Entry / Requirement	Field	Entry / Requirement
Applicable Standard(s)	_____	Customer / Project Protocol	_____
Test Sample Condition	New / Production Sample / Other	Test Location	_____
Test Equipment	_____	Calibration / Verification	_____
Pre-Test Condition	Record assembly / configuration before testing.	Post-Test Condition	Record condition after testing.

1. TEST TO EVALUATE INTERLOCK SYSTEMS

Test No. / Test Name	Applicability	Result	Reference / Protocol
1. Test to Evaluate Interlock Systems	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement		Apply 30 lb horizontal pull force on each interlocked extendible element. Force shall be applied over a period of at least 5 s and held for 10 s.	
Test Method / Setup		Record point of application, force, fixture / setup and measured dimensions as applicable.	
Calculation / Applied Load		Enter applied force / measured result / calculation if applicable.	
Test Duration		At least 5 s application and 10 s hold.	

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 1 - Photo 1 INSERT PHOTO	Test 1 - Photo 2 INSERT PHOTO
Test 1 - Photo 3 INSERT PHOTO	Test 1 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

2. STABILITY TEST - SIMULATED CLOTHING LOAD

Test No. / Test Name	Applicability	Result	Reference / Protocol
2. Stability Test - Simulated Clothing Load	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement		Use the applicable non-extendible / extendible element loading requirement. Record the density / loading basis and the applied test weight.	
Test Method / Setup		Load the applicable drawer / storage element(s), record dimensions used in the calculation, and test for the required period.	
Calculation / Applied Load		Example source format: density x element volume = calculated load; record actual test weight separately.	
Test Duration		30 s, or applicable project requirement.	

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 2 - Photo 1 INSERT PHOTO	Test 2 - Photo 2 INSERT PHOTO
Test 2 - Photo 3 INSERT PHOTO	Test 2 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

3. STABILITY TEST - SIMULATED HORIZONTAL DYNAMIC FORCE

Test No. / Test Name	Applicability	Result	Reference / Protocol
3. Stability Test - Simulated Horizontal Dynamic Force	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement	Apply the specified horizontal pull force at the applicable reach point / height. Source example uses 10 lb force at a height less than 56 in (1422 mm).		
Test Method / Setup	Record highest reach point on the applicable front / handle and actual force applied.		
Calculation / Applied Load	Record measured reach point and actual force / load.		
Test Duration	At least 5 s application and 10 s hold.		

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 3 - Photo 1 INSERT PHOTO	Test 3 - Photo 2 INSERT PHOTO
Test 3 - Photo 3 INSERT PHOTO	Test 3 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

4. STABILITY TEST - SIMULATING A REACTION ON CARPET WITH CHILD WEIGHT

Test No. / Test Name	Applicability	Result	Reference / Protocol
4. Stability Test - Simulating a Reaction on Carpet with Child Weight	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement	Hang the required test weight on the extended top drawer / door, one drawer or door at a time while the rest are open, where applicable. Record block placement.		
Test Method / Setup	Record specified test weight and actual load, block dimensions / height and placement position.		
Calculation / Applied Load	Record required weight versus actual test load and support / block dimensions.		
Test Duration	Per applicable protocol.		

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 4 - Photo 1 INSERT PHOTO	Test 4 - Photo 2 INSERT PHOTO
Test 4 - Photo 3 INSERT PHOTO	Test 4 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

5. CUSTOMER / PROJECT RECOMMENDED LOAD TEST

Test No. / Test Name	Applicability	Result	Reference / Protocol
5. Customer / Project Recommended Load Test	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement		Record the customer / project recommended load. The source example used a 24-hour recommended load test.	
Test Method / Setup		Apply the required load to the specified top / drawer / storage area and record actual test weight.	
Calculation / Applied Load		Record target load, calculated basis if applicable, and actual load.	
Test Duration		Enter required duration; source example: 24 hours.	

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 5 - Photo 1 INSERT PHOTO	Test 5 - Photo 2 INSERT PHOTO
Test 5 - Photo 3 INSERT PHOTO	Test 5 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

6. STORAGE UNIT DROP TEST

Test No. / Test Name	Applicability	Result	Reference / Protocol
6. Storage Unit Drop Test	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement		Record drop height and product weight. The source example used a 7.1 inch drop height.	
Test Method / Setup		Measure / verify drop height, product weight and test setup. Photograph pre-test and post-test condition.	
Calculation / Applied Load		Record nominal drop height and measured height; record product NW.	
Test Duration		Enter required drop sequence / number of drops.	

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 6 - Photo 1 INSERT PHOTO	Test 6 - Photo 2 INSERT PHOTO
Test 6 - Photo 3 INSERT PHOTO	Test 6 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

7. DISTRIBUTED FUNCTIONAL LOAD

Test No. / Test Name	Applicability	Result	Reference / Protocol
7. Distributed Functional Load	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement		Record the applicable functional load basis for top, storage and extendible elements. Source example: Top 141 kg/m2; Storage 470 kg/m3; Extendible Element 470 kg/m3.	
Test Method / Setup		Calculate the load from the applicable surface area / volume, then record actual test weight.	
Calculation / Applied Load		Show calculation and actual load. Example: density x dimensions = required load.	
Test Duration		Source example: 60 minutes.	

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 7 - Photo 1 INSERT PHOTO	Test 7 - Photo 2 INSERT PHOTO
Test 7 - Photo 3 INSERT PHOTO	Test 7 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

8. DISTRIBUTED PROOF LOAD

Test No. / Test Name	Applicability	Result	Reference / Protocol
8. Distributed Proof Load	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement		Record the applicable proof load basis. Source example: Top 211 kg/m2; Storage 720 kg/m3; Extendible Element 470 kg/m3.	
Test Method / Setup		Apply the required proof load and monitor product condition / serviceability.	
Calculation / Applied Load		Show calculation and actual proof load.	
Test Duration		Source example: 15 minutes.	

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 8 - Photo 1 INSERT PHOTO	Test 8 - Photo 2 INSERT PHOTO
Test 8 - Photo 3 INSERT PHOTO	Test 8 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

9. EXTENDIBLE ELEMENT FUNCTIONAL LOAD TEST

Test No. / Test Name	Applicability	Result	Reference / Protocol
9. Extendible Element Functional Load Test	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement		Record the applicable extendible element functional load basis. Source example: 470 kg/m3.	
Test Method / Setup		Apply calculated load to the drawer / extendible element; test open and closed positions.	
Calculation / Applied Load		Show calculation, actual test weight and condition after test.	
Test Duration		Source example: 60 minutes open, 60 minutes closed.	

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 9 - Photo 1 INSERT PHOTO	Test 9 - Photo 2 INSERT PHOTO
Test 9 - Photo 3 INSERT PHOTO	Test 9 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

10. EXTENDIBLE ELEMENT PROOF LOAD TEST

Test No. / Test Name	Applicability	Result	Reference / Protocol
10. Extendible Element Proof Load Test	Applicable / N.A.	PASS / FAIL / PENDING	Enter applicable standard / customer / project protocol
Test Requirement		Record the applicable extendible element proof load basis. Source example: 720 kg/m3.	
Test Method / Setup		Apply calculated proof load to the drawer / extendible element; test open and closed positions.	
Calculation / Applied Load		Show calculation, actual test weight and condition after test.	
Test Duration		Source example: 15 minutes open, 15 minutes closed.	

Required / Target	Actual / Measured	Condition After Test	Serviceability	Result
		No visible damage / record condition	No loss of serviceability / record finding	PASS / FAIL / PENDING

Test 10 - Photo 1 INSERT PHOTO	Test 10 - Photo 2 INSERT PHOTO
Test 10 - Photo 3 INSERT PHOTO	Test 10 - Photo 4 INSERT PHOTO

Photo evidence / observations

Test Observation / Conclusion: _____

11. FINAL TEST CONCLUSION

Overall Test Result	PASS / FAIL / PENDING	Loss of Serviceability	YES / NO
Structural / Functional Damage	YES / NO	Retest Required	YES / NO
Open Corrective Action	_____	Target Date	_____
Tester(s)	_____	Test Date	_____
Prepared by	_____	Date	_____

12. TEST EQUIPMENT / MEASUREMENT RECORD

Equipment	Identification / Model	Calibration / Verification	Remarks

13. FINAL REMARKS
