



Bush Industries, Inc.
Product Test Report



BUSH BUSINESS FURNITURE
Test Date: 3/28/2023

Model Number: STS166xx

Product Description: Armoire Cabinet

Reason for Testing: Qualification

Sturdy Act - Safety Standard for Clothing Storage Units

Test Number: S-3932

Test Technician: HS

Test Report Prepared By: HS

Overall Rating: Pass Fail

P=Pass; F=Fail; N/A=Not applicable; DNT= Did not test

	P	F	N/A	DNT		P	F	N/A	DNT
Interlock Pull test	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vertical Drawer Push - Method 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drawer Extension Tip Over Test - Method 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Horizontal Push - Method 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawer Extension Tip Over Test - Method 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					

Unit Messuments:

Horizontal Extension Fulcrum (H) =
 Door Extension (D) =
 Handhole Height (Z) =
 Enter Tip Over Force (F) =

Preformance requirements:

1	55.3(H)+26.6	=	72.7
2	51.2 (D) - 12.8	=	45.9
3	17.2(Z)	=	70.9

Tip Over Moment:

1	(F)*(H/12) / (Preformance Requirement 1)	=	<u>1.28</u>
2	(F)*(H/12) / (Preformance Requirement 2)	=	<u>2.0</u>
3	(F)*(H/12) / (Preformance Requirement 3)	=	<u>1.32</u>

Stability Rating:

Notes: Units slides bound up not allowing us to increase force to meet the tipping point.

Pictures:

