



INSPECTION AND TEST REPORT FOR CABINETS TO DETERMINE COMPLIANCE WITH ANSI/KCMA A161.1-2000

Laboratory Name: **TTL, Inc.**
 Laboratory Personnel: **Frank Upchurch**
 Date: **August 2, 2010** Lab Ref. No. **1112** Retest of Ref. No. **N/A**
 Cabinet Manufacturer: **Tru-Wood Cabinets, Inc., 41778 Highway 77N, Ashland, AL 36257**
 Name of Cabinet: **Olon Raised Panel**
 Type of Test: **Special**

The tested cabinet complies with ANSI/KCMA A161.1-2000

General Information and Initial Inspection

Date Cabinet Received: **July 5, 2010**
 Condition of Cabinet when Unpacked: **Good**
 ANS Label on **Not Used**
 Date Testing Started **July 25, 2010** Completed **August 2, 2010**

If ready to assemble cabinet:

Wall unit pieces complete	<u>N/A</u>
Base unit pieces complete	<u>N/A</u>
Assembly instructions complete	<u>N/A</u>

Inspection and Test Results

<u>2.0 General Construction Requirements</u>	<u>Results</u>
2.1 Cabinets fully enclosed	_____
2.2 Equipment cabinet has access panel	_____
2.3 Toe space minimum 51mm (2") deep and 76mm (3")high	_____
2.4 Utility cabinets same as base and wall cabinets	_____
2.5 Doors:	
Properly aligned with cabinet	_____
Close without excessive binding	_____
Have means of closure	_____
2.6 Cabinet Construction	
2.6.1 All materials of sufficient thickness for rigidity	_____
2.6.2 Face frames provide rigid construction	_____
2.6.3 Frameless cabinet components provide rigid construction	_____
2.6.4 Corner or linear bracing where necessary	_____
2.8 Moisture content of wooden parts less than 10%	_____
2.9 Exposed construction joints meet tolerance shown in drawings 2.9A, 2.9B, 2.9C, and 2.9D	_____



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3.0 General Test Requirements

3.1	Installation instructions included with cabinet	No
3.2	Average room temperature during testing	<u>72 deg. F</u>
	Average relative humidity during testing	<u>50%</u>

4.0 Hardware Letter on file indicating finish compliance with ANSI A156.9-1994 No

5.0 Structural Tests for Cabinets

5.1	Static Loading of Shelves and Bottoms	Deflection (inches)	
	Unit	Allowable	Actual
	Wall - top shelf		_____
	Wall - middle shelf		_____
	Wall - bottom		_____
	Base - shelf		_____
	Base- bottom		_____
5.2	Static Loading for Wall Cabinet	Load (pounds)	
		Required	Actual
		<u>500</u>	_____
5.3	Base Front Joint Loading		_____
5.4	Impact on Shelves, Cabinet and Drawer Bottoms		_____
5.5	Impact on Base Cabinet Front and Door		_____

6.0 Door Operating Tests

6.1	Door Racking and Hinge Set	Set or Deflection (inches)	
	Amount of set	Allowable	Actual
	Hinges not visibly damaged	<u>0.065</u>	_____
	Connections not loose		_____
6.2	Door-Holding Device and Hinge Operation	Sag or Deflection (inches)	
	Door and holding device operable	Allowable	Actual
	Amount of sag of door	<u>0.065</u>	_____
	Hinges not visibly damaged		_____
	Connections not loose		_____

7.0 Drawer Operation Tests

7.1	Drawer Operation	
	Drawer operable at end of test	_____
	No failure of drawer assembly or operating assembly	_____
	No operation interference - drawer bottom deflection	_____
7.2	Drawer-Closing Impact	
	No looseness or damage to drawer front assembly that impairs operation of drawer	_____



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8.0 Finish Specifications

8.2 Appearance - Exterior exposed surfaces

- Free of saw marks and other imperfections
- Exposed surfaces filled, sanded, edge banded, of otherwise finished
- Free of finish defects (runs, orange peel, fatty edges, blushing, etc.)
- Clean - free of excessive scratches and residue
- Touch up colors match surrounding areas
- Free of printing caused by packing material
- Nails and staples set and holes filled

Appearance - Interior exposed surfaces

- Free of saw marks
- Free of poor workmanship
- Exposed surfaces covered or finished

9.0 Finish Tests

9.1 Shrinkage and Heat Resistance

Initial examination Pass
 14 day reexamination _____

9.2 Hot and Cold Check Resistance

Initial examination Pass
 14 day reexamination _____

9.3 Chemical tests (P=Pass, F=Fail)

Chemical	Door Front		Drawer Front		Front Frame		End Panel	
	Initial	14-day	Initial	14-day	Initial	14-day	Initial	14-day
Vinegar	Pass							
Lemon Juice	Pass							
Orange Juice	Pass							
Grape Juice	Pass							
Catsup	Pass							
Coffee	Pass							
Olive Oil	Pass							
Alcohol	Pass							
Detergent/Water	Pass							
Mustard	Pass							

Final chemical results

Pass

9.4 Detergent and Water Resistance

Initial examination Pass
 14 day reexamination _____

Pass

Kitchen Cabinet Manufacturers Association

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Picture of Cabinets



Explanation of Failures

_____ If checked at left, see Appendix A for comments on 9.3 and/or 9.4.