PROTOCOL # 400 - U				
TABLE (INDOOR & OUTDOOR)				
Performance Test	**Test Method**	**Samples**	**Requirement**	**Rating (Section or exec. Summary which failed items can be referenced)**
LABELING				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Should be legibly marked with the following information: Distributor's name, trademark or other means of identification of the manufacturer or packer & address (City, State & Zip) Product identification Net quantity of the contents in terms of weight, measure or numerical count (Metric & US Standard) or a combination so as to give accurate information and facilitate value comparison by the consumer Country of origin (if imported)	
Instructional Literature /Assembly Instruction (Needs to be provided – Lab HOLD if not provided)	Visual Check / Actual Use	All Samples	Shall provide safe use, or proper assembly or both, and care instruction. Shall be legible and easy to read.	Provided Verified Not Provided
Maximum Weight Capacity	Visual Check	All Samples	Shall be displayed on the product conspicuously. Record data.	
Verify Label Claims	Visual Check	All Samples	The labeling must comply and valid with all claims.	
Import Permit (For Natural Materials Only) If Applicable	US Department of Agriculture Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)	All	Product shall not have prohibited materials present per US Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ) Documentation and/ or proper permit(s) for specific product shall be supplied along with Testing Request form and samples. Permit information may be found at: https://www.aphis.usda.gov/wps/portal/aphis/home/ It is the vendor's responsibility for the compliance to relevant requirements.	
Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information (mr.qa.pi@kohls.com)	Kohl's Requirement	All	Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
EPA TSCA Title VI – Composite Wood Finished Good Labeling	40 CFR 770.45(c)/ 40 CFR 770.45(e)		Finished goods containing regulated composite wood shall comply with the labeling requirements found in 40 CFR 770.45(c). At a minimum, the label must be on the product OR the packaging The label may be applied as a stamp, tag, or sticker The label shall include, at a minimum, in legible English text: 1. Fabricator's name 2. Date the finished good was produced (in month/year format) 3. A statement of compliance to denote that the finished good complies with TSCA Title VI Example: XXX Company MM/YYYY EPA TSCA Title VI compliant for formaldehyde Notes: Client does not allow the use of the de minimis exception found in 40 CFR 770.45(e). All finished goods containing regulated composite wood shall include labeling pursuant to the above requirements of 40 CFR 770.45(c). A statement of compliance that denotes the finished good complies with CARB's ATCM for formaldehyde will be accepted in lieu of a TSCA Title VI compliance statement until March 22, 2019. Rating Schedule: On or after June 1, 2018: Compliant submission shall be rated as pass Non-compliant submission shall be rated as fail	
EPA TSCA Title VI – Composite Wood - Sample Declaration Form and Mill Certificate (if applicable)	40 CFR 770	All	If wood of any type is present in the sample, submitter shall provide a completed and signed Sample Declaration Form. Sections A, B, and E of the Sample Declaration Form must always be completed. • If regulated composite wood is not present in the sample, result is N/A. • If regulated composite wood is present in the sample: - Submitter shall provide a copy of the certificate issued by the Third Party Certifier (TPC) for the mill(s) from which the raw panels were purchased - All information on the certificate shall be consistent with the Sample Declaration Form - Section D of the Sample Declaration Form must also be completed Notes: •Include a copy of the Sample Declaration Form in the report • Regulated composite wood includes: - Hardwood plywood (HWPW) - Medium-density fiberboard (MDF) - Thin medium-density fiberboard (Thin MDF) - Particleboard (PB) • Mill certificate must indicate compliance with TSCA Title VI. It is no longer acceptable to have the certificate indicate compliance with CARB's ATCM for formaldehyde in lieu of compliance with TSCA Title VI.	

EPA TSCA Title VI – Composite Wood - Raw Panel Labeling (if applicable)	40 CFR 770.45(a)	ALL	• Panels or bundles of panels must be labeled with the following: - The panel producer's name - The lot number - The number of the EPA TSCA Title VI Third Party Certifier (TPC) - A statement of compliance to denote that the panels comply with TSCA Title VI Notes: • A panel producer number may be used instead of a name to protect identity • Raw panels are regulated composite wood products that have not been used to create a finished good • The compliance statement must denote compliance with the TSCA Title VI. It is no longer acceptable to have the panel labeled as compliant with CARB's ATCM for formaldehyde in lieu of TSCA Title VI compliance statement.	
Formaldehyde Emission of Composite Wood Product - State of California (if applicable)	Airborne Toxic Control Measure (ATCM), California Code of Regulations, Title 17, § 93120	ALL	Composite wood products include finished goods composed of or containing hardwood plywood (HWPW) made with either a combination core (CC) or a veneer core (VC), particleboard (PB), and medium-density fiberboard (MDF)), or finished goods composed of such products made with no-added formaldehyde based (NAF-based) resins or ultra-low emitting formaldehyde (ULEF) resins, shall not release formaldehyde exceeding the regulatory limits. In lieu of testing, valid certificate or test report or certificate can be submitted if dated within one year.	
Labeling of Composite Wood Product - Formaldehyde Emission - State of California (if applicable)	Airborne Toxic Control Measure (ATCM), California Code of Regulations, Title 17, § 93120	ALL	Composite wood products include finished goods composed of or containing hardwood plywood (HWPW) made with either a combination core (CC) or a veneer core (VC), particleboard (PB), and medium-density fiberboard (MDF)), or finished goods composed of such products made with no-added formaldehyde based (NAF-based) resins or ultra-low emitting formaldehyde (ULEF) resins, shall be labeled in accordance with the regulations and meet all applicable requirements. In lieu of testing, valid certificate or test report or certificate can be submitted if dated within one year.	
CARB ATCM for Formaldehyde – Composite Wood Finished Good Labeling	Title 17, California Code of Regulations Section 93120.7(d)		Finished goods containing regulated composite wood shall comply with the labeling requirements for fabricators found in §93120.7(d). A finished good containing regulated composite wood requires the following: At a minimum, the label must be on the product OR the packaging The label shall be applied as a stamp, tag, sticker, or bar code The label shall include, at a minimum: 1. Fabricator's name 2. Date the finished good was produced (in month/year format) 3. A statement of compliance to denote that the finished good complies with the ATCM Example: XXX Company MM/YYYY California 93120 phase 2 compliant for formaldehyde Notes: If a finished good is labeled with the EPA compliance statement, a separate statement of compliance to the CARB ATCM is not required. It is not required for the label to state the level of emissions (Phase 2, NAF, ULEF). Labels for finished goods should not include the number of the TPC associated with the composite wood products contained in the finished good.	
PHYSICAL CHARACTERISTICS				
Overall Dimension (LXWXH Or Diameter)	Std. Measure (in/cm)	1 Samples	Max. +5% / -0% of claimed dimension. Record actual data if there is no claim.	Claim: Actual:
Overall Weight	Std. Measure (lb./kg)	1 Samples	Max. +5% / -0% of claimed weight. Record actual data if there is no claim.	Claim: Actual:
Glass Top Thickness (If Applicable)				
Raw Edge	Std. Measure (in/cm)	1 Sample	Applicable to tempered glass with thickness of 7.6 mm or less only.	
Encased	Std. Measure (in/cm)	1 Sample	Applicable to tempered glass with thickness of 4.6 mm or less only.	
CONSTRUCTION QUALITIES				
Kohl's Workmanship Review	Visual Check / Actual Use	All Samples	All components shall be provided as claimed and shall not be deformed or fractured. All hardware shall be provided All welds shall be smoothly finished and free from pits and splatter All components shall not contain any burrs or sharp edges (test by touch or sight) Product shall not contain any loose components or unsecured fastening where rigidity is required	
PERFORMANCE				
Distributed Load Capacity Table Top Area Dinette / Casual Table / Card or Coffee Table / End Table	ANSI/SOHO S6.5 Section 5.2 (Mod.)	1 Sample	Max. 1/4 In. deformation and/or no loss of serviceability when the test load is applied on the surface. The test load to be applied shall follow table below or 120% the maximum weight capacity claim. Modification=Acceptance criteria added >4 sq. ft. <4 sq. ft. 60lbs. / sq. ft. 40 lbs. / sq. ft 50lbs. / sq. ft. 30lbs. / sq. ft. 30lbs. / sq. ft. 20lbs. / sq.ft.	
Distributed Load Capacity (Glass Top Table): Table Top Area Dinette / Casual Table / Card or Coffee Table / End Table	ANSI/SOHO S6.5 Section 5.2 (Mod.)	1 Sample	Max. 1/4 In. deformation and/or no loss of serviceability when the test load is applied on the surface. The test load to be applied shall follow table below or 120% the maximum weight capacity claim. Modification=Acceptance criteria added >4 sq. ft. <4 sq. ft. 40lbs. / sq. ft. 30 lbs. / sq. ft 30lbs. / sq. ft. 20lbs. / sq. ft. 15lbs. / sq. ft. 10lbs. / sq.ft.	

Concentrated Load Capacity: Table Top Area Dinette / Casual Table / Card or Coffee Table / End Table	ANSI/SOHO S6.5 Section 5.3 (Mod.)	1 Sample	Max. 1/2 In. deformation and/or no loss of serviceability when the test load is applied 6 In. from the edge of the surface on 12 In. disc. The test load to be applied shall follow table below or 120% the maximum weight capacity claim. Use 6 In. disc for table with an area <2 sq. ft. Modification=Acceptance criteria added >4 sq. ft. <4 sq. ft. 300 lbs. 275 lbs. 200 lbs. 175 lbs. 50 lbs. 40 lbs.	
Concentrated Load Capacity: (Glass Top Table): Table Top Area Dinette / Casual Table / Card or Coffee Table / End Table	ANSI/SOHO S6.5 Section 5.3 (Mod.)	1 Sample	Max. 1/2 In. deformation and/or no loss of serviceability when the test load is applied 6 In. from the edge of the surface on 12 In. disc. The test load to be applied shall follow table below or 120% the maximum weight capacity claim. Use 6 In. disc for table with an area <2 sq. ft. Modification=Acceptance criteria added >4 sq. ft. <4 sq. ft. 225 lbs. 100 lbs. 100 lbs. 50 lbs. 60 lbs. 40 lbs.	
Stability Table Top Area Dinette / Casual Table Card or Coffee Table / End Table	ANSI/SOHO S6.5 Section 4.2 (Mod.)	1 Sample	Max. 1/2 In. deformation and/or no loss of serviceability when the test load is applied 6 In. from the edge of the surface on 12 In. disc. The test load to be applied shall follow table below or 120% the maximum weight capacity claim. Use 6 In. disc for table with an area <2 sq. ft. Modification=Acceptance criteria added >4 sq. ft. <4 sq. ft. 100 lbs. 90 lbs. 75 lbs. 65 lbs. 50 lbs. 40 lbs.	
Stability (Glass Top Table): Table Top Area Dinette / Casual Table Card or Coffee Table / End Table	ANSI/SOHO S6.5 Section 4.2 (Mod.)	1 Sample	Max. 1/2 In. deformation and/or no loss of serviceability when the test load is applied 6 In. from the edge of the surface on 12 In. disc. The test load to be applied shall follow table below or 120% the maximum weight capacity claim. Use 6 In. disc for table with an area <2 sq. ft. Modification=Acceptance criteria added >4 sq. ft. <4 sq. ft. 100 lbs. 90 lbs. 50 lbs. 50 lbs. 40 lbs. 40 lbs.	
Stability (Table Supporting Parasol) (If Applicable)	EN 581-3 section 6.2.2	1 Sample	The table shall not overturn when a horizontal force of 7 lbs. is applied to a free-standing steel tube at a height of 90 In. from the floor. The steel tube is guided by the designated opening at the center of the table top.	
Leg Strength (Side / Front)	ANSI/SOHO S6.5 Section 7 (Mod.)	1 Sample	Applied vertically to the leg at 1 inch from the end of the leg. Force is applied in four directions (forward, rearward, side to side). No structural failure. Modification=Load applied changed >4 sq. ft. <4 sq. ft. 75 lbs. 50 lbs.	
Leg Strength (Side / Front) (Folding Table)	ANSI/SOHO S6.5 Section 7 (Mod.)	1 Sample	Applied vertically to the leg at 1 inch from the end of the leg. Force is applied in four directions (forward, rearward, side to side). No structural failure. Modification=Load applied changed >4 sq. ft. <4 sq. ft. 50 lbs. 40 lbs.	
Vertical Impact Test	BIFMA X5.9 Section 7(mod.)	1 Sample	No structural failure, max 1/4 In. deformation when a 50 lbs. weight free - falls from 6 In. to the center of table (3 drops). Modification= Acceptance criteria	
Drop Test	ANSI/SOHO S6.5 Section 10	1 Sample	Must be serviceable without any damage or malfunction when one end of table is dropped from a height as below Unit Weight Drop Height <100 lbs. 5.9 in 100-200 lbs. 3.9 in >200 lbs. 2.4 in	
Assessment Of Potential Finger Entrapment	EN 581-1 Section 5	1 Sample	There shall be no accessible holes in the ends of tubular components with a diameter between 7 mm to 12 mm and with a depth more or equal to 10 mm. The bottom of tubular legs in contact with the floor shall be closed or capped, however, holes in them are allowed as long as they are not between 7 and 12 mm. Distance between two externally accessible parts relative to each other shall not be between 7 to 18mm when under the body weight (Shear and squeeze point).	
Protective Caps On Legs	Visual Check / Actual Use	1 Sample	Shall be non - marring.	
Durability Of Folding Mechanism (If Applicable)	Visual Check / Actual Use	1 Sample	The table shall be opened and closed as intended for 10 cycles with no failure.	
Drawer/Door Cycle Test (If Applicable)	Visual Check / Actual Use	1 Sample	No loss of serviceability after 100 repeated open/close cycles.	
Drawer Operability (If Applicable)	Visual Check / Actual Use	1 Sample	No loss of serviceability after subjecting to distributed loading of 10 lbs. / drawer, max. 10 lbs. pull force.	
Flammability of Solid	16 CFR 1500.44	1 Sample	Burn rate <0.1" /sec.	
Stain Resistance	Visual Check / Actual Use	1 Sample	No objectionable stain by most household stains after 2 hours placement: wine, ketchup, mustard, grape juice and cooking oil.	
Resistance To Hot Water	Fed. Spec. AA-11-001895B	1 Sample	Pour 25 ml of boiling water and allow it to cool down. Dried surface shall have no graying or spotting.	
*Cross-cut Adhesion (Plating & Surface Coating)	ASTM D 3359 (Mod.)	1 Sample	Cut 2 in. cross - hatch pattern on surface of plated and/or painted area. Plating and/or painted surface must remain affixed. Trace peeling or removal along incision or at their intersection is accepted. Modification= Scope expanded	
*Wood Moisture Content - Table Top/Drawer/Leg/ Base	Std. Measure	1 Sample	Should be between 6-10% for solid wood only.	

*Resistance To Corrosion (Metal Components Only)	ASTM B117-11 G85 (Mod)	1 Sample	Shall withstand 24 hours in 1% salt spray (Fog) with no major visual change or corrosion. Modification= Change of % of salt spray	
*Effects of Extreme Temperature/Humidity (Outdoor Use Only)	Kohl's TM 30	1 Sample	24 Hours @ 0° F (-18°C) and 24 Hours @ 95% RH/120° F (49°C). No failure. Size limitation to be determined.	
*Colorfastness To Light (Outdoor Use Only)	AATCC 16.3	1 Sample	Min. Class 3.5 Report actual data at 20/40/60 hrs. Note: Rating by Grey Scale may not be suitable for certain furniture design e.g. natural stone. Under this circumstance, visual comparison of any color change against the control is acceptable.	
#Claim Verification (If Claimed)	Visual Check / Actual Use	1 Sample	All designs and features must conform to actual claim	Claim:
*Tech Pack Verification (Needs to be provided, Lab to Hold if Not Provided)	Visual Check / Std. Measurement	1 Sample	Verify all claims mentioned in Tech Pack File	Provided Verified
Tipover Restraints for Clothing Storage Unit (Expanded Scope: similar items to verified by tech spec or BOM) - State of New York (if applicable)	ASTM F3096-23 Sec. 4 (Mod)	All Samples	Tip over restraint shall be provided. The tip over restraint provided shall withstand a pull force of 60lb for 30 s. **Modification**: expanded to include product which is out scope of 16 CFR 1261 / ASTM F2057-23 and equal to or more than 27 inches in height. Client's requirement: No Zip Tie Tip Kits allowed. If Zip Tie is present, the test should be marked as FAIL.	
Clothing storage units – Labeling	ASTM F2057-23 (Mod)	All Samples	Shall comply with labeling requirements as specified in the standard. **Modification**: expanded to include product which is out scope of 16 CFR 1261 / ASTM F2057-23 and equal to or more than 27 inches in height.	
Clothing storage units - Physical & Mechanical	ASTM F2057-23 (Mod)	All Samples	Shall comply with physical and mechanical requirements (e.g. interlock, stability, tipover restraints) as specified in the standards. **Modification:** expanded to include product which is out scope of 16 CFR 1261 / ASTM F2057-23, but with 27 in. (686 mm) or greater in height, 30 lb (13.6 kg) or greater in mass, AND contain 3.2 ft3 (90.6 dm3) or greater of enclosed storage volume.	
Locking Mechanism Warning	Kohl's Requirement	All	Any product containing a folding locking mechanism must include the below warning and be provided at the time of testing If not provided should be marked FAIL size:60x45mm240723 	
ANALYTICAL				
*Lead In Scrapable Surface Coating	CPSC-CH-E1003-09	1 Sample	≤ 90 ppm (0.009% by weight) (CPSA – 16 CFR 1303)	
** CA Prop 65 (if applicable)	Refer to Protocol 1300	All Samples	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	
PFAS Supplemental Protocol	Refer to Protocol 1600	All Samples	All samples shall be reviewed against the requirements of PFAS Supplement Protocol to determine if additional testing or labeling is required	
Refer to protocol Hardlines Regulatory Supplement for additional State & Federal Regulations	Refer to Protocol 1800	All Samples	All samples shall be reviewed against the requirements of the Hardlines Regulatory Supplemental Protocol (State Regulation Only) to determine if additional testing or labeling is required	

Protocol Version	Description of Change	Revised by / Date	Approved by / Date
400 – 0	Initial Release	CY Chan Feb 10, 2004	Roger Mayerson Mar 08, 2004
400 – 1	Added 19 CFR 134. Added Instructional Literature/Assembly Instruction. Added Maximum Weight Capacity Labeling. Added Composite Wood Products Labeling Added Overall Dimension & Weight Measurement. Revised Distributed & Concentrated Load Capacity Tests. Revised Stability Tests. Revised Leg Strength Test. Added Stability Test for Table Supporting Parasol. Added Drawer Tests Added Impact Durability Test. Added Flammability Test Added Cross-cut Adhesion Test Added Effects of Extreme Temperature/Humidity Test. Resistance to Corrosion Test (Metal Components Only) Applicable to Indoor & Outdoor Uses. Added Colorfastness to Light Test. Deleted Children's Table. Deleted Squeeze and Shear Point Test. Changed Wood Moisture Content to 6-10%. Changed Lead in Surface Coating Limit to 90 ppm. Price Adjustment.	Simon Leung Oct 19 , 2009	Ro Jain Oct 31, 2009
400-A	Changed protocol number from 400-1 to 400-A	Elizabeth Armstrong April 1, 2010	Ro Jain April 1, 2010
400-B	Corrected Typo "Capability" by "Capacity". Changed the Test Method for Lead in Scrapable Surface Coating from ASTM to CPSC.	Simon Leung September 15, 2011	Ro Jain September 15, 2011
400-C	Updated sample size	John Wong Mar 26, 2013	Ro Jain Apr 15, 2013
400-D	Revised the stability test Revised the leg strength test Revised the vertical impact test Revised the drop test Revised the applicable materials of wood moisture content	Bill Wang Apr 15, 2013	Ro Jain May 27, 2013
400-E	Added Tech Pack Verification	Jeetendra Shelatkar Feb 4, 2014	Ro Jain Mar 7, 2014
400-F	Updated lead content test pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug. 4, 2014
400-G	Renamed in-house methods	Birkoff Chen Sep 4, 2014	Jeetendra Shelatkar Oct 27, 2014
400-H	Updated AI & Tech pack testing results/rating	Elizabeth Armstrong March 14, 2016	Jeetendra Shelatkar March 14, 2016
400-I	Updated test method for resistance to corrosion and CF to light	Elizabeth Armstrong May 6, 2016	Elizabeth Armstrong May 6, 2016
400-J	Added Labeling – US EPA Formaldehyde Emission	Cindy Ng May 4, 2017	Elizabeth Armstrong May 8, 2017
400-K	Added Prop 65 req if applicable	Elizabeth Armstrong June 9, 2017	Elizabeth Armstrong June 9, 2017
400-L	Updated the finger entrapment requirements	Elizabeth Armstrong Jan 25, 2018	Elizabeth Armstrong Jan 25, 2018
400-M	Updated CARB & EPA Labeling	Elizabeth Armstrong June 22, 2018	Elizabeth Armstrong June 22, 2018
400-N	Changed sample size to 1 for overall dimension and weight	Elizabeth Armstrong Sept 18, 2018	Elizabeth Armstrong Sept 18, 2018
400-O	Added import permit req & adult tracking label	Elizabeth Armstrong April 22, 2019	Elizabeth Armstrong April 22, 2019
400-P	Added EPA certificate verification, removed "not provided from the tech pack, Removed the "data only" from the adult tracking label	Elizabeth Armstrong June 4, 2020	Elizabeth Armstrong June 4, 2020
400-Q	Added tip kit requirements	Elizabeth Armstrong Aug 11, 2020	Elizabeth Armstrong Aug 11, 2020
400-R	Added PFAS Test Line	Kevin Makocy March 23, 2022	Kevin Makocy March 23, 2022
400-S	Updated 1800 Hardlines Regulatory Supplement for additional State & Federal Regulations	Isaac Grossman/February 2025	Isaac Grossman/February 2025
400-T	Updated Tip Over restraints to be complaint of ASTM F2057 & ASTM F3096	Brett Peplinski August 2025	Brett Peplinski August 2025
400-U	Added Locking Mechanism Warning	Isaac Grossman September 2025	Isaac Grossman September 2025