




Protocol 313-L

Decorative Battery Operated Figurine

Test Property	Test Method	Samples	Test Principle/Requirements	Rating (Section or Executive 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)	
Verify Label Claims	Visual Check	All Samples	The labeling must comply and valid with all claims.	
Packaging / Product (Shall Be Permanently Marked on Battery Compartment)	Visual Check	All	Size of battery Polarity of battery Voltage of battery	
FCC Labeling & Instructions	FCC Rules	All Samples	Shall comply with the applicable requirements of FCC rules if regulated. Must be listed if product is a digital device with power consumption > 6nW; and with clock frequency greater than 9 kHz for AC operated item (or greater than 1.705MHz for battery operated item).	
Packaging / Instructions	ANSI C18.1M-1992 Sect. 7.5 (modified)	All	For products with more than one battery, must include: "Do Not Mix Old And New Batteries. Do Not Mix Alkaline, Standard (Carbon - Zinc), Or Rechargeable (Nickel - Cadmium) Batteries"	
Battery Product Instructions	Visual Check	All	Should provide use, care, and maintenance information, as well as disposal of batteries information	
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: (quality.assurance@kohls.com)	Kohl's Requirement	All Samples	Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	

Rechargeable Batteries (If Applicable)	Battery Act	All	<p>Rechargeable cell batteries must be labeled</p>  <p>Nickel-Cadmium Batteries Must Be Labeled “Nickel-Cadmium” or “Ni-Cd,” with the phrase “BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.” Regulated Lead-Acid Batteries Must Be Labeled “Pb” or with words “LEAD,” “RETURN”, and “RECYCLE” and if the regulated batteries are sealed, the phrase “BATTERY MUST BE RECYCLED.” Non Removable Regulated Lead-Acid Batteries Must Be Labeled With the Phrase “CONTAINS SEALED LEAD BATTERY. BATTERY MUST BE RECYCLED.”</p>	
Marking on the Outside Case of Lithium Ion Battery (if applicable)	49 CFR. 173.185 (c)	All Samples	Each lithium ion battery subject to this provision must be marked with the Watt-hour rating on the outside case.	
Mercury Labeling as Applicable to Button Cell Battery Powered Devices (if applicable)	Various State Laws in the US, including: RI: Title 23, Chapter 23-24.9, NH: title x, Chapter 149-M, sec. 149-M:51- 149-M:57, CT: Public Act 02-90	All Samples	<p>If a button cell is found to have intentionally added mercury, such as by testing at over 1 ppm, RI and CT require product containing mercury have labeling to indicate the presence of mercury and instructions on how to properly dispose of the product. Requirements vary by state. Registration with IMERC may be required.</p> <p>Product or packaging for items with button cells found to have intentionally added mercury, that may be distributed to states with mercury legislation shall be marked so as to be clearly visible prior to sale. Product shall be marked permanently with the following "Battery Contains Mercury. Do Not Put in Trash. Recycle or Manage as Hazardous Waste." or equivalent.</p> <p>CT further requires that the product with button cell batteries that contain Hg to be replaceable. Product with button cells found to have intentionally added mercury that may be distributed to CT shall have the batteries replaceable, allowing by the use of common</p>	
FCC Part 15 Rules (if applicable)	Document Check	All Samples	FCC part 15C report shall be provided for verification if the operating frequency > 1. 705MHz for Battery operated product.	

<p>FCC Part 15 Marking and Instruction (if applicable)</p>	<p>Visual Check</p>	<p>All Samples</p>	<p>Marking shall include, - "This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."</p> <p>Instruction manual shall include, - "Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment." - "NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.</p> <p>-However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV</p>	
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<p>Recycling Labeling (if applicable)</p>	<p>Mercury-Containing and Rechargeable Battery Management Act U.S. Public Law 104-142 Title I</p>	<p>All Samples</p>	<p>Each regulated battery or rechargeable consumer product without an easily removable battery shall bear the following labels:</p> <p>(1) 3 chasing arrows or a comparable recycling symbol. Examples:</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>(2) A. On each regulated battery which is a nickel-cadmium battery: The chemical name or the abbreviation "Ni-Cd" and the phrase "BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY." (2) B. On each regulated battery which is a lead-acid battery: "Pb" or the words "LEAD", "RETURN", and "RECYCLE" and if the sealed, the phrase: "BATTERY MUST BE RECYCLED." (3) On each rechargeable consumer product containing a regulated battery that is not easily removable, the phrase "CONTAINS NICKEL-CADMIUM BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY." or "CONTAINS SEALED LEAD BATTERY. BATTERY MUST BE RECYCLED" (4) On the packaging of each rechargeable consumer product, and the packaging of each regulated battery sold separately from such a product, unless the required label is clearly visible through the packaging, the phrase "CONTAINS NICKEL-CADMIUM BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY." or "CONTAINS SEALED LEAD BATTERY. BATTERY MUST BE RECYCLED." Notes: - Refer to the Act for definitions of "easily removable"</p>	
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<p>EPA TSCA Title VI – Composite Wood - Sample Declaration Form and Mill Certificate (if applicable)</p>	<p>40 CFR 770</p>	<p>All Samples</p>	<p>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.</p> <ul style="list-style-type: none"> • If regulated composite wood is not present in the sample, result is N/A. • If regulated composite wood is present in the sample: <ul style="list-style-type: none"> - 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 <p>Notes:</p> <ul style="list-style-type: none"> • Include a copy of the Sample Declaration Form in the report • Regulated composite wood includes: <ul style="list-style-type: none"> - 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. 	
<p>EPA TSCA Title VI – Composite Wood - Raw Panel Labeling (if applicable)</p>	<p>40 CFR 770.45(a)</p>	<p>All Samples</p>	<ul style="list-style-type: none"> • Panels or bundles of panels must be labeled with the following: <ul style="list-style-type: none"> - 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 <p>Notes:</p> <ul style="list-style-type: none"> • 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 	
<p>Formaldehyde Emission of Composite Wood Product - State of California (if applicable)</p>	<p>Airborne Toxic Control Measure (ATCM), California Code of Regulations, Title 17, § 93120</p>	<p>All Samples</p>	<p>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.</p> <p>In lieu of testing, valid certificate or test report or certificate can be submitted if dated within one year.</p>	

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 Samples	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.	
EPA TSCA Title VI – Composite Wood – Finished Good Labeling (if applicable)	40 CFR 770.45(c) / 40 CFR 770.45(e)	All Samples	<p>Finished goods containing regulated composite wood shall comply with the labeling requirements found in 40 CFR 770.45(c) unless the finished good qualifies for the de minimis exception found in 40 CFR 770.45(e).</p> <ul style="list-style-type: none"> •A finished good does not require labeling per 40 CFR 770.45(c) if the finished good does qualify for the de minimis exception in 40 CFR 770.45(e). If the finished good does qualify for the de minimis exception, result is N/A. •A finished good does require labeling per 40 CFR 770.45(c) if the finished good does not qualify for the de minimis exception in 40 CFR 770.45(e). <ul style="list-style-type: none"> -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: <ol style="list-style-type: none"> 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 <p>Example: XXX Company MM/YYYY EPA TSCA Title VI compliant for formaldehyde</p> <p>Notes:</p> <ul style="list-style-type: none"> •A de minimis amount of regulated composite wood is defined as regulated composite wood content not exceeding 144 square inches, based on the surface area of the largest face of the finished good. •The de minimis exception is not available to finished goods or component parts that are designed to be used in combination or in multiples to create larger surfaces, finished goods, or component parts. •When a statement of compliance is necessary, the statement must denote that the finished good complies with TSCA Title VI. It is no longer acceptable to have the product labeled as compliant with CARB’s ATCM for formaldehyde in lieu of a TSCA Title VI compliance statement. 	
Instructions	Visual Check	1	Must be complete and accurate	
*Reese’s Law Supplemental Protocol	Refer to Protocol 1700	All Samples	All samples shall be reviewed against the requirements of Reese’s Supplement Protocol to determine if additional testing or labeling is required	
PHYSICAL CHARACTERISTICS				

Dimensions (LxWxH) (In.)	FPLA/ UPLR	1 Sample	As Claimed/ measured (+3%/ - 0%)	
Other Features	FPLA/ UPLR	All Samples	As Claimed/ measured (+3%/ - 0%)	
CONSTRUCTION QUALITIES				
Kohl's Workmanship Review	Visual Check /Actual Use	1 Sample	- 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	
Material Type	Visual Check	All	Shall be constructed of materials suitable for the intended environment	
PERFORMANCE				
Humidity Test	Kohl's TM 31	1 Sample	No failure @ 95% RH @ 100° F (38° C) for below defined hours. Tier 1 / Tier 2: 24 hours	
Loading Capacity of Holder	Actual Use	1 Sample	Must withstand the below minimum loading. Tier 1: 2.5lbs Tier 2: 2.5lbs	
Animated Performance	Std. Measure	1 Sample	As claimed. Shall remain functional after the below number of cycles of operation. Tier 1: 10 cycles Tier 2: 25 cycles	
Impact Resistance (Figurine)	ASTM F963 (Mod.)	1 Sample	Shall be functional after the below defined drops on carpeted floor from the below defined height. Tier 1: 3 drops / 2.5 feet Tier 2: 3 drops / 3 feet	
Flammability	16 CFR 1500.44	1 Sample	Less than 0.1" per second	
Switch (If applicable)	Actual Use	1 Sample	Shall be functional after the below number of times of operation Tier 1: 100 times Tier 2: 150 times	
*Use And Abuse Test (If Applicable)	ASTM F 963	1	Compliance to standard	
Folding Durability	Actual Use	1	100 times cycling - no failure	
*Musical Movement - Melody & Durability (If Applicable)	Actual Use	1	Shall withstand 12 cycles of repeated use. No failure or adverse effects.	
Functional Assessment	Actual Use	1	The sample shall function as claimed on the packaging / labeling / instruction	
ANALYTICAL				
* Lead In Scrapable Surface Coating	ASTM E1613/E1645	All Samples	≤90 ppm (0.0090% by weight).	
* CA Prop 65	Refer to Protocol 1300	All Samples	All shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	
*Mercury in Batteries	Battery Act, Public Law 104-142	All Samples	Alkaline-manganese batteries, alkaline-manganese button cell batteries, zinc-carbon batteries, mercuric-oxide button cell batteries shall conform to the respective requirements.	

Lithium Cells and Batteries (if applicable)	49 CFR. 173.185(a)	All Samples	Each lithium cell or battery must be of the type proven to meet the criteria in Part III, sub-section 38.3 of the UN Manual of Test and Criteria. Valid test report within one year shall be provided.	
*Liquid Toxicity: (Applicable only to Liquid Styles)				
Propylene Glycol Content	GC/FID	1 Sample	Minimum 12.0% Note: Propylene Glycol should be used as antifreeze desired but not required.	
Presence of Ethylene Glycol (Children's Products)	GC/GCMS	1 Sample	16 CFR 1500.231 Must not be present	
Presence of Diethylene Glycol (Children's Products)	GC	1 Sample	16 CFR 1500.231 Must not be present	
Methanol (Children's Products)	GC	1 Sample	16 CFR 1500.231 Must not be present	
Mercury (Children's Products)	AAS	1 Sample	16 CFR 1500.231 Must not be present	
Methylene Chloride (Children's Products)	GC/MS	1 Sample	16 CFR 1500.231 Must not be present	
Petroleum Distillates (Children's Products)	GC/MS	1 Sample	16 CFR 1500.231 Must not be present	
Toluene (Children's Products)	GC/MS	1 Sample	16 CFR 1500.231 Must not be present	
Xylene (Children's Products)	GC/MS	1 Sample	16 CFR 1500.231 Must not be present	
Formaldehyde Content (%)	With Reference to ISO 14184-1 (UV-VIS Spectrophotometer)	1 Sample	16 CFR 1500.13 (> 1% is considered hazardous/warning required)	
*Microbial Test: (Applicable only to Liquid Styles)				
*Standard Bacteria Count (HPC)	APHA 9215B	300 mL	500 HPC Maximum	
*Coliform Count	APHA 9222B		Must not be present	
*Mould & Yeast	FDA 8 th , Rev. A 1998, Chapter 18		< 1 cfu/mL	
PRICING AND ADDITIONAL NOTE:				
*Please refer to Kohl's preferred third party labs for individual pricing and sample size				
In addition to this protocol, any products designed for, intended for or appealing primarily to children, requires additional testing per Kohl's Testing Protocol # 601.				
Protocol Version	Description of Change	Revised by/Date		Approved by/Date
313 – 0	Initial Release	CY Chan Feb 10, 2004		Roger Mayerson Oct 11, 2004
313 – 1	Revise Flammability, delete Stability	Simon Leung June 21, 2004		Roger Mayerson Feb 21, 2005
313 – 2	Add Musical Movement test	Simon Leung Aug 20, 2005		Ro Jain Oct. 31, 2008
313-3	Updated the FCC Warning Label. Price Adjustment.	Simon Leung Oct. 31, 2008		Ro Jain April 1, 2010
313-4	Added Lead in Solder	Elizabeth Armstrong June 8, 2009		Ro Jain April 15, 2013
313-A	Changed protocol number from 313-4 to 313-A, price adjustment	Elizabeth Armstrong April 1, 2010		Ro Jain Dec 16, 2013
313-B	Separate the test line of Prop 65 to supplementary protocol	Winnie Yu Mar 18, 2013		Jeetendra Shelatkar Aug 4, 2014

313-C	Added tolerance requirements of dimensions and weight Differentiate the performance rating of below test items to Tier 1/Tier 2/Tier 3. Effects of Humidity, Loading capacity of Holder, Animated Performance, Impact Resistance (Figurine), Switch, Adjusted package price	Jeetendra Shelatkar October 4, 2013	Elaine Smaczniak October 30, 2014
313-D	Updated lead content pricing	Candy Chan Jul 30, 2014	Candy Chan Jul 30, 2014
313-E	Renamed all in-house methods	Candy Chan Sep. 4, 2014	Candy Chan Sep. 4, 2014
313-F	Add "Functional Assessment"	LT Liu Apr. 20, 2015	LT Liu Apr. 20, 2015
313-G	Revised Item "**Lead In Scrapable Surface Coating" from "600ppm" to "90ppm"	Jerry Chen Mar 21, 2016	Jeetendra Shelatkar March 23, 2016
313-H	Added Liquid toxicity, Added test to cover battery operated items which can also be supplied by DC jack.	Teana Robinette Feb 20, 2018	Teana Robinette Feb 20, 2018
313-I	Added Import Permit Req & Adult Tracking Label	Elizabeth Armstrong April 22, 2019	Elizabeth Armstrong April 22, 2019
313-J	Updated adult tracking label requirements and contact information, added Mercury in batteries test line, added back "Battery Product Instructions" on blank test line page 1. Added Marking on the Outside Case of Lithium Ion Battery, Mercury Labeling as Applicable to Button Cell Battery Powered Devices, FCC Part 15 Rules, FCC Part 15 Marking and Instruction, Recycling Labeling, Lithium Cells and Batteries test lines. Added composite wood testing.	Charlene Swanson August 2020	Charlene Swanson August 2020
313-K	Added Reese's Law Supplemental Protocol test line under Label Verification	Kevin Makocy October 2023	Kevin Makocy October 2023
313-L	Removed year from ASTM F963 test lines, removed Tier 3 requirements	Charlene Swanson February 2024	Charlene Swanson February 2024