


Protocol 313-M

Decorative Battery Operated Figurine

| Test Property | Test Method | Samples | Test Principle/Requirements | Rating (Section or Executive Summary which failed items can be referenced) |
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| 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. | |

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| 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 household tools.</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. | |

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| FCC Part 15 Marking and Instruction (if applicable) | Visual Check | All Samples | <p>Marking shall include,</p> <ul style="list-style-type: none"> - "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>Instruction manual shall include,</p> <ul style="list-style-type: none"> - "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. -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 | |
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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 data-bbox="927 338 1190 478">  </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.”</p> <p>(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.”.</p> <p>(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”</p> <p>(4) On the packaging of each rechargeable consumer product, and the packaging of each regulated battery sold separately from such a</p> | |
| <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. | |

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| EPA TSCA Title VI – Composite Wood - Raw Panel Labeling (if applicable) | 40 CFR 770.45(a) | All Samples | <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 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 Samples | <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 | <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 be labeled in accordance with the regulations and meet all applicable requirements.</p> <p>In lieu of testing, valid certificate or test report or certificate can be submitted if dated within one year.</p> | |

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| 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). <p>-At a minimum, the label must be on the product OR the packaging</p> <p>-The label may be applied as a stamp, tag, or sticker</p> <p>-The label shall include, at a minimum, in legible English text:</p> <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: •A de minimis amount of regulated composite wood is defined as regulated composite wood</p> | |
| 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 | <ul style="list-style-type: none"> - 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 | | | | |

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| 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. | |
| 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 | |
| *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. | |

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| 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)**

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| *Standard Bacteria Count (HPC) | APHA 9215B | 300 mL | 500 HPC Maximum | |
| *Coliform Count | APHA 9222B | | Must not be present | |
| *Mould & Yeast | FDA 8th, 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 |

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| 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 |
| 313-M | Added 1800 Hardlines Regulatory Supplement for additional State & Federal Regulations | an February 2025 | February 2025 |