

PROTOCOL # 425-G

Gas Fire Pit

Performance Test	Test Method	Samples	Requirement	Rating (Section or exec. Summary which failed items can be referenced)
Initial Package				
Label Verification				
Label Review	Care Labeling 16 CFR 423 16 CFR 300/ 19 CFR 134 Textile Fiber Products Identification Act 16 CFR 303 Wool Products Labeling Act	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	All Samples	Information and instructions shall provide safe use, or proper assembly or both, and care instruction. Shall be legible and easy to read.	<input type="checkbox"/> Provided <input type="checkbox"/> Verified <input type="checkbox"/> Not Provided
Maximum Weight Capacity (When Available)	Visual Check	All Samples	Shall be displayed on the product conspicuously. Record data	
Client Acceptable Safety Agency Labeling	Visual Check	1 Sample	Shall have valid UL, CSA, ETL or IAPMO Safety Agency Listing mark for USA. Report Mark.	
EPA TSCA Title VI – Composite Wood - Sample Declaration Form and Mill Certificate (if applicable)	40 CFR 770	All Samples	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 Samples	• 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 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 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 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.	
Verify Label Claims	Visual Check	All Samples	The labeling must comply and valid with all claims.	

<p>Import Permit (For Natural Materials Only) If Applicable</p>	<p>US Department of Agriculture Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)</p>	<p>All Samples</p>	<p>Product shall not have prohibited materials present per US Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)</p> <p>Documentation and/ or proper permit(s) for specific product shall be supplied along with Testing Request form and samples.</p> <p>Permit information may be found at: https://www.aphis.usda.gov/wps/portal/aphis/home/</p> <p>It is the vendor's responsibility for the compliance to relevant requirements.</p>	
<p>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</p>	<p>Kohl's Requirement</p>	<p>All Samples</p>	<p>Should be rated as pass/fail Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #</p>	
<p>Markings (Applicable only if claimed)</p>	<p>CSA 4.96-2004 section 1.20.2</p>	<p>1 Sample</p>	<p>[Only applicable to sample/package claimed as conformation of CSA 4.96]</p> <p>The appliance shall bear a permanent record affixed to the principal (main) assembly of the appliance of the following on Class III marking material which shall be attached or printed in a location where it can be easily observed or is readily accessible for observation when the appliance is installed as it would be in service.</p> <p>a. The manufacturer or distributor's name and address.</p> <p>b. The manufacturer or distributor's model number of the appliance.</p> <p>c. A distinctive number which will identify an individual appliance.</p> <p>d. The manufacturer's normal hourly input rating "Input: ____ Btuh (____ kW)" and manifold pressure (if regulated) "____ inch w.c. (____ kc).</p> <p>e. The maximum inlet supply pressure, as follows: "Max. gas supply ____ inch w.c. (____ kPa)</p> <p>f. Type of gas for which equipped: "Natural" or "Propane."</p> <p>g. The statement "For Outdoor Use Only. If Stored Indoors, Detach and Leave Cylinder Outdoors." The marking for an appliance for connection to a fixed fuel piping system need only display the first sentence of this statement.</p> <p>h. If the appliance utilizes any electrical equipment, the voltage, frequency (Hz) and total current input in amperes. If the total current input of all components is less than 12 amperes, the input marking may optionally be shown as "Less than ____* amperes." (* This amperage rating shall be equal to or greater than the total input in amperes.)</p> <p>i. Identification of this requirement as follows: "CSA 4.96 U.S. (3rd Ed.), Outdoor Gas Fireplace"</p> <p>j. The symbol of the organization making the tests for compliance with these requirements</p>	
<p>Markings</p>	<p>ANSI Z21.97-2014 Clause 4.19</p>	<p>1 Sample</p>	<p>Markings should meet the applicable requirements according to Clause 4.19 in ANSI Z21.97-2014</p>	
<p>Markings</p>	<p>ANSI Z21.97-14 / CSA 2.41-14 Sec 4.19.2</p>	<p>1 Sample</p>	<p>The appliance shall bear the following marking affixed to the principal (main) assembly of the appliance and shall be attached, or printed, in a location where it can be easily observed or is readily accessible for observation when the appliance is installed as it would be in service.</p> <p>(a) The manufacturer's or distributor's name and address.</p> <p>(b) The manufacturer's or distributor's model number of the appliance.</p> <p>(c) A distinctive number that will identify an individual appliance.</p> <p>(d) For appliances for fixed fuel piping system, and equipped with an appliance gas pressure regulator, the normal manifold pressure in inches water column.</p> <p>(e) For appliances for use with a fixed fuel piping system and equipped with an appliance gas pressure regulator, the minimum permissible gas supply pressure for purpose of input adjustment.</p> <p>(f) Type of gas for which equipped: "Natural or Propane."</p> <p>(g) The statement "For Outdoor Use Only. If Stored Indoors, Detach and Leave Cylinder Outdoors." The marking for an appliance for connection to a fixed fuel piping system need only display the first sentence of this statement.</p> <p>(h) If the appliance utilizes any electrical equipment, the voltage, frequency (Hz), and total current input in amperes. If the total current input of all components is less than 12 amperes, the input marking may optionally be shown as "Less than ____* amperes." (* This amperage rating shall be equal to or greater than the total input in amperes.)</p>	

			(i) Identification of this requirement as follows: “ANS Z21.97 • CSA 2.41-(year), Outdoor Decorative Gas Appliances;” “ANS Z21.97a • CSA 2.41a-(year), Outdoor Decorative Gas Appliances;” or “ANS Z21.97b • CSA 2.41b-(year), Outdoor Decorative Gas Appliances.” (j) Symbol of the testing agency.	
Instructions	ANSI Z21.97-2014 Clause 4.18	1 Sample	Instructions should meet the applicable requirements according to Clause 4.18 in ANSI Z21.97-2014	
Labeling for rechargeable battery (if applicable)	US Public Law 104-142	1 Sample	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.”, as applicable.	
Battery Warning Statement (if applicable)	Visual Check	1 Sample	The following statement either in the instructions or marked on the device (required only for devices which use more than one battery in one circuit) - Do not mix old and new batteries; - Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cd, Ni-MH, etc) batteries.	
Battery Compartment Markings (if applicable)	Visual Check	1 Sample	Products with replaceable batteries shall be permanently marked, visible at time of battery replacement, to indicate type of battery, polarity alignment and how to insert correctly. If the construction of battery or battery compartment ensures the proper installation of battery and prevents the revised battery from being connected to the circuit, the battery compartment will be exempted from this item.	
Physical Characteristics				
Overall Dimension (H X W X D)	Std. Measure (in/cm)	3 Samples	Max. +5% / -0% of claimed dimension. Record actual data if there is no claim.	Claim: Actual:
Battery (if applicable)	Visual Check	3 Samples	Report the following, Designation (ANSI, IEC or Common): _____ Battery electrochemical system: _____ Nominal voltage: _____(V) Rated Capacity: _____ (mA)	
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	
Defects	Visual Check / Actual Use	3 Samples	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters. Shall have no components missing, malformed, and / or fractured.	

Performance				
Sharp points / Sharp edges	16 CFR 1500.48 / 1500.49 modified	3 Samples	Shall have no sharp points/edges, other than those required for function. Modification = Expanded scope to other products	
Cylinder Ventilation	Visual Check	1 Sample	Enclosures shall be ventilated by openings at the level of the cylinder valve and at floor level	
Cylinder / Valve Accessibility	Visual Check	1 Sample	Cylinder valve shall be readily accessible for hand operation. A door on the enclosure is acceptable if it is non-locking and can be opened without tools.	
Cylinder Ground Clearance	Standard Measure	1 Sample	There shall be a minimum clearance of 2 in. between the ground and the bottom of the gas cylinder.	
Cylinder Area	Actual Use	1 Sample	Verify there is space for a cylinder to fit on the appliance.	
Flammability Of Solid	16 CFR 1500.44	1 Sample	Burn rate < 0.1"/sec.	
Stability Test	ANSI/BIFMA X5.1-17 Sec. 11.4 modified	1 Sample	Apply a vertical force of 135 lbs by means of the loading pad at a point 2.4 inch from the edge of the seat nearest the stopped feet. Apply a horizontal force of 4.5 lbf through the center of the seat in a direction towards the stopped feet. The unit shall not tip over. Modification = Scope expanded	
*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	
Fuel Leaks	Actual Use	1 Sample	Perform this test prior to all other operating tests. Assemble appliance per instructions. Move outdoors or to a properly ventilated area. Start appliance per Instructions, run for 5 to 10 seconds, and turn off. Leave cylinder open and pressure on. Using a gas sensing meter (sniffer) or soapy solution, check all gas lines, fittings, etc, for leaks from the propane tank to the burner valves and nozzle. There shall be no leaks.	
BTU Input Rating	ANSI Z21.97-2014 Clause 5.3.5	1 Sample	Burners shall be adjusted to their Btu ratings at normal inlet test pressure. After the appliance has been operated for 45 minutes, starting with all parts at room temperature, the burner adjustments shall be within 0 to + 5 percent of the manufacturer's specified hourly Btu input rating.	
Extended Operation - High	Actual Use	1 Sample	Operate sample on highest setting for 60 minutes. Surface finish and structure shall not change in shape, appearance or exhibit other degradation.	
Extended Operation - Low	Actual Use	1 Sample	Operate sample at lowest setting for 60 minutes. Appliance shall not cease operating.	
Rain test	ANSI Z 21.97 Clause 2.15	1 Sample	After Extended Operation @ High & Low, follow Clause 2.15 in ANSI Z 21.97 to conduct rain test. It should meet the standard requirement and there should not be any deterioration & depainting	
Battery life (For Rechargeable Product – if applicable)	Actual Use	1 Sample	When the battery is fully charged, operated it as intended with maximum output. Record the battery life, and the battery voltage at the end of discharging for rechargeable battery.	
Temperature of gas cylinder (if requested)**	ANSI Z21.97 Clause 5.15	1 Sample	The temperature of gas cylinder should meet the applicable requirements in Clause 5.15 of in ANSI Z 21.97 Record the test result	
Effects Of Extreme Temperature/Humidity	Kohl's TM 30	1 Sample	24 Hours @ 0° F (-18°C) and 24 Hours @ 95 RH/120° F (49°C). No failure.	
Resistance To Corrosion (Metal components Only)	ASTM B117-11 ASTM G85 (Mod.)	1 Sample	Shall withstand 24 hours in 1% salt spray (fog) with no major visual change or corrosion. Modification = % of salt spray	
#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 HOLD if not provided)	Visual Check / Std. Measurement	1 Sample	Verify all claims mentioned in Tech Pack File	<input type="checkbox"/> Provided <input type="checkbox"/> Verified
ANALYTICAL				
Lead in Scrapable Surface Coating	CPSC-CH- E1003-09	1 Sample	≤ 90 ppm (0.009% by weight) (CPSA – 16 CFR 1303)	

<p>* Mercury Content</p> <p>Applicable to Batteries</p>	<p>Acid digestion / ICP or AAS</p>	<p>1 Sample</p>	<p>Public Law 104-142 Mercury-Containing and Rechargeable Battery Management Act Public Law No 104-142 (1996) H.R. 2024</p> <p>For alkaline manganese battery: Hg-free (detection limit = 1 mg/kg)</p> <p>For alkaline manganese button cell: < 25 mg/cell</p> <p>For zinc-carbon battery: Hg-free (SGS detection limit = 1 mg/kg)</p> <p>For mercuric-oxide button battery: Prohibited</p>	
<p>CA Prop 65</p>	<p>Refer to Protocol 1300</p>	<p>1 Sample</p>	<p>All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.</p>	
<p>PFAS Supplemental Protocol</p>	<p>Refer to Protocol 1600</p>	<p>All Samples</p>	<p>All samples shall be reviewed against the requirements of PFAS Supplement Protocol to determine if additional testing or labeling is required.</p>	
<p>PRICING AND ADDITIONAL NOTE:</p> <p>*Please refer to Kohl's preferred third party labs for individual pricing and sample size</p>				

Protocol Version	Description of Change	Revised by / Date	Approved By / Date
425-A	Initial Release	Elizabeth Armstrong May 17, 2016	Elizabeth Armstrong May 17, 2016
425-B	Removed SGS detection limit from zinc free battery	Elizabeth Armstrong Jan 24, 2017	Elizabeth Armstrong Jan 24, 2017
425-C	Added Labeling – US EPA Formaldehyde Emission	Cindy Ng May 4, 2017	Elizabeth Armstrong May 8, 2017
425-D	Updated BIFMA method for stability test to keep up with industry standard	Elizabeth Armstrong May 10, 2017	Elizabeth Armstrong May 10, 2017
425-E	Added adult tracking label, removed “not provided” from tech pack verification	Elizabeth Armstrong June 11, 2020	Elizabeth Armstrong June 11, 2020
425-F	Updated Adult Tracking label email, changed adult tracking label to be pass/fail requirement, added PFAS Supplemental Protocol testing	Charlene Swanson March 2022	Charlene Swanson March 2022
425-G	Added to Markings CSA 4.96-2004 section 1.20.2 that is only applicable if claimed	Charlene Swanson May 2024	Charlene Swanson May 2024