

Product:	Vase		
Scope:	Vase.	Protocol No.	TYCP-01022-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
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NB: Where there is no applicable US or CN standard, Intertek has chosen the most relevant International standards to assess the product safety and performance. For undated references, the latest edition of the referenced document (including any amendments) applies.

Attribute	Citation	Requirement / Limit
Supplemental Protocols		
For US Only		
*†CA Prop 65 (mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65.
*†Children's Products Supplemental (Required if the product is graded as a children product)	Refer to TYCP-00004-US	Shall comply with all requirements in TYCP-00004-US.
*†CPSIA Supplemental	Refer to TYCP-00001-US	Shall comply with all requirements in TYCP-00001-US.
For Canada Only		
*†Children's Products Supplemental (Required if the product is graded as a children product)	Refer to TYCP-00004-CN	Shall comply with all applicable requirements.
<i>Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocol is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.</i>		
Chemical Analysis		
For US Only		
*Lead Content of Paints or Similar Surface Coating	16 CFR 1303 (Scope widened)	Shall not contain Lead or Lead compounds in which the Lead content is in excess of 0.009% by weight of the total content (90ppm).
*†Toxic Elements in Packaging Components	TPCH	Shall comply with TPCH in those states with legislation. Total concentration of Pb, Cd, Hg and hexavalent Cr \leq 100ppm.
For Canada Only		
*Total Lead in Surface Coating	Canada Consumer Product Safety Act, Surface Coating Materials Regulations (Scope widened)	Shall not exceed 0.009% (90ppm) total lead.
Physical Characteristics		
Overall Dimensions (L x W x H)	ITS-M0059	Report overall dimensions; shall meet label claims (if applicable).
Opening Dimensions	ITS-M0059	Report overall dimensions; shall meet label claims (if applicable).
Base Dimensions	ITS-M0059	Report base dimensions; shall meet label claims (if applicable).
Depth of Opening	ITS-M0059	Report overall depth; shall meet label claims (if applicable).
Capacity	ITS-M0059	Report overall capacity; shall meet label claims (if applicable).
Total Weight	ITS-M0059	Report overall weight; shall meet label claims (if applicable).
*Plating Thickness (By request only)	SEM (Micron Analysis)	Report actual; shall meet label claims.
Construction & Workmanship		
Sharp Points / Edges	16 CFR 1500.48 / 1500.49 (Modified)	Shall have no sharp points/edges as received, other than those required for function.

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Defects	Visual Check	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.
Workmanship	Visual Check	Shall have no components missing, malformed, and/or fractured.
Design or Features	Visual Check	Design and features of the product shall not differ from color box pictures, enclosed instructions, or approval sample in a way that is misleading.
Material Type	Visual Check	Report the materials used on body, handles, base etc. Shall meet specified claims.
Type of Finish or Plating	Visual Check	Report finish on each component, both internal and external. Shall meet specified claims.
Warpage	Visual Check	Shall not rock appreciably on a flat surface and not show warpage. Maximum offset: 1/32 in (0.8 mm).
Air Bubbles	Visual Check	Glass shall have no air bubbles present which affect the appearance of the vase.
Performance Test		
Functionality	ITS-M0061	Shall function as intended as received.
Tilt Resistance	ITS-M0015	No tipping or instability at 8° inclination while empty and half filled with water.
Impact Resistance	ITS-M0025 (Modified)	No breakage or separation at minimum 3 oz impact force - attach 3 oz steel ball to plastic dowel with loop of string. Hold dowel 3" away and at 90° angle to vase body. Pull and release ball to impact. (Modification = Impact to vase body instead of handle)
Handle Strength (If Applicable)	ISO 8442-8 Annex D	No separation of handle after application of 10kgf (or 22 lbf) in any orientations.
Resistance To Scratching Other Surfaces	ITS-M0058	No scratching of test surfaces (wood, glass, etc.) upon 3 cycles of 6" back and forth.
Leakage Resistance	ITS-M0061	Shall be no leakage when filled with water up to 12 hours.
Holding Durability	In-house Method	Total weight loaded (2 times normal) – No failure.
Effects of Extreme Temperature & Humidity	ITS-M0007	16 hours at 0°F & 8 hours at 120°F / 95%RH. No failure or visual change.
*Dishwasher Safe (Only if clearly claimed as Dishwasher Safe)	ITS-M0001	No adverse effects (cracking, wrapping, color change) after 5 cycles.
*Effects of Handwashing (If not claimed as Dishwasher Safe)	ITS-M0003	Shall exhibit no exterior surface degradation after being hand washed 5 cycles by using 5 minutes soak and 30 seconds wash per cycle at peak of 110°F, followed by rinse in cold water.
*Thermal Shock Test (For filled glass container only)	ASTM C149 (Modified)	No cracking of container shall be recorded after being tested by a temperature differential of 90°F. Test 3 pieces of sample. Modification: Test 3 pieces.
*Resistance to Corrosion (For accessible metal components)	ASTM B117 (Modified)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change. (Modification = 1% salt spray (fog))
*Annealing Performance (For transparent glass)	ASTM F2179 Section 4.1.1 & ASTM C148 (Modified)	Shall have a maximum real temper number of 4.

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*Annealing Performance (For non-transparent glass)	ASTM F2179 Section 4.1.2 (Modified)	No cracking or fractures.										
*Transit Testing (By Request Only)	ISTA Procedure as Appropriate to Package	Packaged product shall be tested to applicable ISTA procedure and method, based on package configuration. Inspect package and product for damage upon completion of test. Report results.										
Labeling Requirement												
Parts Labeling	ITS-M0060	Shall match the actual content if present.										
Use Labeling	ITS-M0060	Use/care instructions that are clear and understandable shall be provided in language appropriate to destination countries.										
Instructions	ITS-M0060	Shall provide an easy understandable instructions regarding assembly, use and maintenance.										
Verify Label claims	Actual Use	Must comply with all claims.										
Non-Food Use Warnings	ITS-M0060	Warning must be present, <u>Stating One Of The Following</u> : Not for food use or may poison food, or not for food use. Food consumed from this vessel may be harmful.										
For US Only												
†One Time Use Products Fair Packaging and Labeling Act OR All Other Products Uniform Packaging and Labeling Regulations	F.P. & L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	Manufacturer, packer, or distributor's name & address (city, state & zip)										
		Product Identification Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units).										
†Country of Origin Marking	19 CFR 134.11	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.										
†Plastic Bag Warning Statement (If applicable)	Visual Check / Requirements Based on Various State Laws	<p>If plastic bags with a thickness less than 1 mil and an opening size $\geq 5"$ in diameter are present, the following warning statement shall be printed in a prominent place on each bag in English and appeared on both sides:</p> <p>WARNING: Keep this bag away from babies and children. Do not use in cribs, beds, carriages or playpens. The thin film may cling to nose and mouth and prevent breathing. This bag is not a toy.</p> <p>If the total length and width is $> 40"$, the warning shall be repeated in 20-inch intervals. The font size shall adhere to:</p> <table border="1" data-bbox="787 1743 1323 1900"> <thead> <tr> <th>Total Length and Width of Bag</th> <th>Font</th> </tr> </thead> <tbody> <tr> <td>60 inches or more</td> <td>at least 24 point</td> </tr> <tr> <td>40 inches to less than 60 inches</td> <td>at least 18 point</td> </tr> <tr> <td>25 inches to less than 40 inches</td> <td>at least 14 point</td> </tr> <tr> <td>less than 25 inches</td> <td>at least 10 point</td> </tr> </tbody> </table>	Total Length and Width of Bag	Font	60 inches or more	at least 24 point	40 inches to less than 60 inches	at least 18 point	25 inches to less than 40 inches	at least 14 point	less than 25 inches	at least 10 point
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For Canada Only														
†Pre-packaged Product	Consumer Packaging and Labelling Act, R.S. 1985, c. C-38 and Regulations, C.R.C., c. 417	<p>The net quantity declaration shall present on Principal Display Panel (PDP) in English and French, metric units.</p> <p>The numerical quantity shall be bold type with letter height based on the size of Principle Display Surface (X):</p> <table border="1"> <thead> <tr> <th>Size of Principle Display Surface</th> <th>Minimum letter height</th> </tr> </thead> <tbody> <tr> <td>$X \leq 32 \text{ cm}^2$ (5 in²)</td> <td>1.6 mm (1/16 in)</td> </tr> <tr> <td>$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2$ (40 in²)</td> <td>3.2 mm (1/8 in)</td> </tr> <tr> <td>$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2$ (100 in²)</td> <td>6.4 mm (1/4 in)</td> </tr> <tr> <td>$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2$ (400 in²)</td> <td>9.5 mm (3/8 in)</td> </tr> <tr> <td>25.8 dm^2 (400 in²) < X</td> <td>12.7 mm (1/2 in)</td> </tr> </tbody> </table> <p>All other information in the net quantity declaration (i.e. units of measurement statements, abbreviations, symbols, etc.) shall be shown in minimum 1.6 mm letter height.</p> <p>Product identification shall be shown on Principal Display Panel (PDP) in English and French, minimum 1.6 mm letter height.</p> <p>Dealer's name and principal place of business (address) shall be shown on any part of label except bottom, English or French, minimum 1.6 mm letter height.</p> <p>For imported goods, the name and address of the dealer outside Canada or the name and address of Canadian dealers shall be preceded by "imported by" ("<i>importé par</i>") or "imported for" ("<i>importé pour</i>"), unless a statement of geographic origin is located immediately adjacent to the name and address of a Canadian dealer, and shown with letter height at least as large as those used in the declaration of the Canadian dealer's principal place of business.</p>	Size of Principle Display Surface	Minimum letter height	$X \leq 32 \text{ cm}^2$ (5 in ²)	1.6 mm (1/16 in)	$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2$ (40 in ²)	3.2 mm (1/8 in)	$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2$ (100 in ²)	6.4 mm (1/4 in)	$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2$ (400 in ²)	9.5 mm (3/8 in)	25.8 dm^2 (400 in ²) < X	12.7 mm (1/2 in)
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The Language of Inscription (mandatory in Quebec)	The Charter of French Language, Title I, Chapter VII, Clause 51 & Regulations adopted under the Charter of French Language	<p>Every inscription on the following shall be drafted in French,</p> <ul style="list-style-type: none"> - product - product container or wrapping - document or object supplied with it (e.g. directions for use, warranty certificates) <p>No inscription in another language may be given greater prominence than that in French.</p> <p>For exceptions, check the following webpage:– http://www.olf.gouv.qc.ca/english/regulations/reg_business.html#div1</p>												
†Country of Origin	Customs Tariff, Marking of Imported Goods Regulations, SOR/94-10	The country of origin marking of Non-NAFTA imported goods shall be present in English or French.												

Remark: Additional tests may be incurred subject to the final samples reviewed by Intertek.

Key: * : Additional charge items †: Mandatory Requirement

Testing Charge & Sample Size & Turnaround Time

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Basic Package Price (Listed Price)	USD 305 (in which USD 80 is not discountable) for one market; Additional USD 23 for both markets	
Sample Size for basic package	4 pieces	
Turnaround time	7 working days	
Additional charge (Subject to client discount)		Additional sample size
a. CA Prop 65	On Quote	Subject to actual sample
b. Children's Products Supplemental - US	Refer to TYCP-00004-US	Refer to TYCP-00004-US
c. CPSIA Supplemental	Refer to TYCP-00001-US	Refer to TYCP-00001-US
d. Children's Products Supplemental - CN	Refer to TYCP-00004-CN	Refer to TYCP-00004-CN
e. Lead Content of Paints or Similar Surface Coating (US)	USD 31 per coating	0.5 grams of coating on finished product
f. Toxic Elements in Packaging Components	USD 54 per result	0.5 grams per material
g. Total Lead in Surface Coating (CN)	USD 31 per coating	0.5 grams of coating on finished product
h. Plating Thickness	USD 471	2" x 2" plating
i. Dishwasher Safe	USD 60 per result	2 pieces
j. Effects of Handwashing	USD 66 per result	2 pieces
k. Thermal Shock Test	USD 90 per result	3 pieces
l. Resistance To Corrosion	USD 54 per result	2 pieces
m. Annealing performance – ASTM C148	USD 256	3 pieces
n. Annealing performance – Scratch method	USD 128	3 pieces
o. Transit Testing	ISTA 1A: USD 179 ISTA 1B: USD 231	1 full carton with products
Remark: Price quoted above is Listed price based on our Hong Kong laboratory pricing. Please check with local laboratories to confirm exact pricing for your region.		

Revision History

Issue No.	Revision date	Changes	Prepared by	Approved by
1.0	08 Oct 2012	Initial release	Mondy Tung	Taylor (Emily) on 08 Jan 2013