

Product:	Costume Jewelry		
Scope:	Imitation jewelry includes necklace, earrings, bracelet etc.	Protocol No.	TYCP-01018-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	1 of 7

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 Protocol(s)		
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 one or more supplemental protocols is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.</i>		
Chemical Analysis		
For both US and Canada		
*Nickel Spot Test	PD CR 12471:2002	No detection - negative test result
*Nickel Release (Optional)	EN 1811 & EN 12472	Nickel and its compounds are restricted from use in: <ul style="list-style-type: none"> - All post assemblies which are inserted into pierced ears and other pierced parts of the human body if its rate of release is greater than 0.2µg/cm²/week - Products that are in prolonged skin contact if its rate of release is greater than 0.5µg/cm²/week Note: If there is a non-nickel based coating, it shall be subjected to EN 12472 Simulation of Wear and Corrosion before testing.
*Microbial Limit	USP <61> &<USP <62>	Cosmetics, Liquids, Pastes, Putties, Gels and Powders used in toys (excluding art materials) shall be subjected to requirements of < 1,000 CFU/ml or (< 100 CFU/ml for cosmetics intended for use with the eyes and baby products) for total viable count (total plate count + yeast & mold count) and shall not be contaminated with Salmonella, E. Coli, Pseudomonas Aeruginosa, or Staphylococcus Aureus as intended to minimize risk associated with lack of cleanliness, shelf life and contamination.
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).

Product:	Costume Jewelry		
Scope:	Imitation jewelry includes necklace, earrings, bracelet etc.	Protocol No.	TYCP-01018-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	2 of 7

Attribute	Citation	Requirement / Limit
*†Lead Content on Jewelry (Mandatory in state California)	In accordance with AB 2901	Any new body piercing components must be composed of the following materials: <ol style="list-style-type: none"> 1. Surgical implant Stainless Steel 2. Surgical implant grade of Titanium 3. Niobium (Nb) 4. Solid 14 Karat or higher white or yellow Nickel-free Gold 5. Solid Platinum 6. A dense low-porosity plastic, including but no limit to, Tygon or PTFE with no intentionally added Lead <p>In addition, all jewelry products shall comply with the requirements as listed in Appendix A.</p>
*†Soluble Heavy Metals Content	ASTM F963-11 Section 4.3.5.1, 4.3.5.2	Shall not contain compounds of which the metal content of the soluble material exceeds the levels by weight (mg/kg) of the contained solid including pigments, film solids and driers: <p>Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500</p>
*†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.
*†Total Lead and Soluble Lead in Children Jewellery (For children under 15 years of age)	Canada Consumer Product Safety Act, Children's Jewellery Regulations	Shall comply with requirement for total Lead content of no greater than 600ppm AND soluble Lead content of no greater than 90ppm.
Physical Characteristic		
Dimensions - Single	ITS-M0059	Report overall dimensions; Shall not be less than the claimed value (if applicable).
Dimensions - Pair	ITS-M0059	Maximum 10% difference.
Weight - Single	ITS-M0059	Report overall weight; Shall not be less than the claimed value (if applicable).
Weight - Pair	ITS-M0059	Maximum 10% difference.
Material Type	Visual Check / Actual Test	Report actual; Shall meet label claims (if applicable).
Construction & Workmanship		
Sharp Points / Edges	16 CFR 1500.48 / 1500.49 (Modified)	Shall have no sharp points/edges, other than those required for function.
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.
Performance Test		
Functionality	ITS-M0061	Shall function as intended as received.
Fit properties	ITS-M0061	Shall be suitable for use.
Durability	ITS-M0061	Any clip-on, hinge mechanism must operate 100 times with no defects.

Product:	Costume Jewelry		
Scope:	Imitation jewelry includes necklace, earrings, bracelet etc.	Protocol No.	TYCP-01018-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	3 of 7

Attribute	Citation	Requirement / Limit
Attachment Strength Properties - Functional (Chain, lobster claws, jump rings)	ITS-M0028	Minimum 5 lbf.
Attachment Strength Properties - Non-functional (Extenders and other aesthetic components)	ITS-M0028	Minimum 3 lbf.
Attachment Strength Properties - Earring post backing	ITS-M0028	Minimum 4 oz pull strength.
Setting Strength (if graspable by clamps)	ITS-M0028	Minimum 3 lbf.
*Drop Test (Non-fragile item only)	ITS-M0053	No breakage, separation or loosening after 4 drops from 3 feet onto vinyl floor.
*Flammability - Solid	16 CFR 1500.44 (Horizontal burning)	Less than 0.1 in/sec.
* Effects of Extreme Temperature	ITS-M0007	16 hours at 0°F & 8 hours at 120°F / 95%RH. No failure or visual change.
*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.
Colorfastness (Textile only) - For US market		
*Light	AATCC 16 Option 3 (10 fading units)	Class 4 (Min.)
*Crocking	AATCC 8 / 116	Dark color: Dry = 3-4 (Min.); Wet = 2-3 (Min.) Other color: Dry = 4 (Min.); Wet = 3 (Min.)
*Crocking (Leather)	AATCC 8 / 116	Dry = 3 (Min.); Wet = 2 (Min.)
*Static Wetting	AATCC 107	Color change: 4 (Min.); Color staining: 3 (Min.)
*Perspiration	AATCC 15	Color change: 4 (Min.); Color staining: 3 (Min.)
Colorfastness (Textile only) - For Canada market		
*Light	CAN/CGSB-4.2 No. 18.3 (Grade 4)	Class 4 (Min.)
*Crocking	CAN/CGSB-4.2 No. 22	Dark color: Dry = 3-4 (Min.); Wet = 2-3 (Min.) Other color: Dry = 4 (Min.); Wet = 3 (Min.)
*Crocking (Leather)	CAN/CGSB-4.2 No. 22	Dry = 3 (Min.); Wet = 2 (Min.)
*Static Wetting	CAN/CGSB-4.2 No. 20	Color change: 4 (Min.); Color staining: 3 (Min.)
*Perspiration	CAN/CGSB-4.2 No. 23	Color change: 4 (Min.); Color staining: 3 (Min.)
Labeling		
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 include assembly, use, maintenance, and safety information as required with no errors or spelling mistakes.
Verify Label Claims	Actual Use	Must comply with all claims.
For US Only		
One Time Use Products	F.P. & L. Act	Manufacturer, packer, or distributor's name & address (city, state & zip).

Product:	Costume Jewelry		
Scope:	Imitation jewelry includes necklace, earrings, bracelet etc.	Protocol No.	TYCP-01018-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	4 of 7

Attribute	Citation	Requirement / Limit										
†Fair Packaging and Labeling Act OR All Other Products †Uniform Packaging and Labeling Regulations	(16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	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.										
†Jewelry Label Claims (If applicable)	Visual Check / 16 CFR 23	Shall not contain any illustration which is unfair or deceptive to use, as part of any advertisement, packaging material, label, or other sales promotion matter, any visual representation, picture, televised or computer image, illustration, diagram, or other depiction which, either alone or in conjunction with any accompanying words or phrases, misrepresents the type, kind, grade, quality, quantity, metallic content, size, weight, cut, color, character, treatment, substance, durability, serviceability, origin, preparation, production, manufacture, distribution, or any other material aspect of an industry product. Report claims that are regulated by 16 CFR 23. NOTE: Manufacturer shall be responsible for the conformity of the cited regulation regarding deception of misrepresent claims.										
†Plastic Bag Warning Statement (If applicable)	Visual Check / Requirements Based on Various State Laws	If plastic bags with a thickness less than 1 mil and an opening size ≥ 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: 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. If the total length and width is > 40 ", the warning shall be repeated in 20-inch intervals. The font size shall adhere to: <table border="1" data-bbox="766 1518 1305 1682"> <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
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											

For Canada Only

Product:	Costume Jewelry		
Scope:	Imitation jewelry includes necklace, earrings, bracelet etc.	Protocol No.	TYCP-01018-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	5 of 7

Attribute	Citation	Requirement / Limit												
†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>$X \leq 32 \text{ cm}^2 (5 \text{ in}^2)$</td> <td>1.6 mm (1/16 in)</td> </tr> <tr> <td>$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2 (40 \text{ in}^2)$</td> <td>3.2 mm (1/8 in)</td> </tr> <tr> <td>$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2 (100 \text{ in}^2)$</td> <td>6.4 mm (1/4 in)</td> </tr> <tr> <td>$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2 (400 \text{ in}^2)$</td> <td>9.5 mm (3/8 in)</td> </tr> <tr> <td>$25.8 \text{ dm}^2 (400 \text{ in}^2) < X$</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	$X \leq 32 \text{ cm}^2 (5 \text{ in}^2)$	1.6 mm (1/16 in)	$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2 (40 \text{ in}^2)$	3.2 mm (1/8 in)	$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2 (100 \text{ in}^2)$	6.4 mm (1/4 in)	$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2 (400 \text{ in}^2)$	9.5 mm (3/8 in)	$25.8 \text{ dm}^2 (400 \text{ in}^2) < X$	12.7 mm (1/2 in)
Size of Principle Display Surface	Minimum letter height													
$X \leq 32 \text{ cm}^2 (5 \text{ in}^2)$	1.6 mm (1/16 in)													
$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2 (40 \text{ in}^2)$	3.2 mm (1/8 in)													
$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2 (100 \text{ in}^2)$	6.4 mm (1/4 in)													
$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2 (400 \text{ in}^2)$	9.5 mm (3/8 in)													
$25.8 \text{ dm}^2 (400 \text{ in}^2) < X$	12.7 mm (1/2 in)													
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

Product:	Costume Jewelry		
Scope:	Imitation jewelry includes necklace, earrings, bracelet etc.	Protocol No.	TYCP-01018-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	6 of 7

Appendix A

Scope	Category	Material Type	Requirements
Non Children Jewelry (> 6 Years of Age)	Class I	Stainless & Surgical Steels	Allow to use
		Karat Gold	Allow to use
		Sterling Silver	Allow to use
		Platinum Group Metals	Allow to use
		Natural or Cultured Pearls	Allow to use
		Glass, Ceramic & Crystal Decorative Components	Allow to use
		Gemstone (Remark #1)	Allow to use
		Elastic, Fabric, Ribbon, Rope and String	Allow to use if no intentionally added lead and listed as a Class II materials
		Natural Decorative Materials	Allow to use if no intentionally added lead and listed as a Class II materials
	Adhesives	Allow to use	
	Class II	Electroplated Metal	≤ 6% Lead by weight
		Unplated Metal	≤ 1.5% Lead by weight (Not listed as a Class I material)
		Plastic or Rubber	≤ 0.02% Lead by weight
Dyes & Surface Coating		≤ 0.06% Lead by weight	
Class III	Any portion of jewelry	Non Class I & II materials and ≤ 0.06% Lead by weight	
Children Jewelry (≤ 6 Years of Age)	(1) A non-metallic material that is a class 1 material and that does not otherwise violate the requirements of (4) (2) A non-metallic material that is a class 2 material (3) A metallic material that is either a class 1 material or contains ≤ 0.06% (600 ppm) Lead by weight (4) Glass or crystal decorative components that weigh ≤ 1.0 gram in total, excluding that contains ≤ 0.02% (200 ppm) Lead by weight and has no intentionally added Lead (5) Printing ink & ceramic glaze contains ≤ 0.06% (600 ppm)Lead by weight (6) Class 3 material that contains ≤ 0.02% (200 ppm) Lead by weight		

Remark #1: Except Aragonite, Bayldonite, Boleite, Cerussite, Crocoite, Ekaintite, Linarite, Mimetite, Phosgenite, Samarskite, Vanadinite, and Wulfenite.

Testing Charge & Sample Size & Turnaround Time

Basic Package Price (Listed Price)	USD 185 (in which USD 137 is not discountable) for one market; Additional USD 23 for both markets	
Sample Size for Basic Package	4 pieces (Additional samples may be required for tests with additional charge)	
Turnaround Time	7 working days	
Additional Charge (Subject to client discount)	Additional Sample Size	
a. CA Prop 65	Subject to actual sample	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. Nickel Spot Test	USD 51 per result	2 pieces

Product:	Costume Jewelry		
Scope:	Imitation jewelry includes necklace, earrings, bracelet etc.	Protocol No.	TYCP-01018-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	7 of 7

f. Nickel Release	USD 77 (EN 1811) USD 109 (EN 12472)	6 pieces
g. Microbial Limit - USP <61> & <62>	USD 269	50 grams
h. Lead Content of Paints or Similar Surface Coating (US)	USD 31 per coating	0.5 grams of coating on finished product
i. Lead Content on Jewelry - AB 2901	On Quote	Subject to actual sample
j. Soluble Heavy Metals Content	On Quote	Subject to actual sample
k. Toxic Elements in Packaging Components	USD 54 per result	0.5 grams per material
l. Total Lead in Surface Coating (CN)	USD 31 per coating	0.5 grams of coating on finished product
m. Total Lead and Soluble Lead in Children Jewellery	USD 62 per result	1 gram of coating on finished product
n. Drop Test	USD 13 (Net) per result	1 piece
o. Flammability to Solid	USD 28 per result	1 piece
p. Effects of Extreme Temperature	USD 64 per result	2 pieces
q. Transit Testing	ISTA 1A: USD 179 ISTA 1B: USD 231	1 full carton with products
r. Colorfastness to Light (US or CN)	USD 23 per result	Subject to actual sample
s. Colorfastness to Crocking (US or CN)	USD 11 per result	Subject to actual sample
t. Colorfastness to Static Wetting (US or CN)	USD 11 per result	Subject to actual sample
u. Colorfastness to Perspiration (US or CN)	USD 19 per result	Subject to actual sample

Remark:

Price information is for reference only and 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