

PROTOCOL # 908-L

WATCH

Performance Test	Test Method	Samples	Requirement	Rating (Section or exec. 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 (only applicable) Country of origin (if imported)	
Marking Of Watch Case/Watch Movement	Chapter 91 Additional U.S. Note 4 HTSUS	All Samples	Must be conspicuously and indelibly marked by cutting, die-sinking, engraving, stamping or mold marking. Must conform to FTC Guides	
Leather & Imitation Leather	16 CFR 24 Visual Check	All Samples	Only top grain leather can be labeled "Genuine" or "Top Grain" A disclosure of the percentage of leather fibers & non-leather substances in the composite or bonded leather.	
Verify Label Claims	Visual Check	All Samples	The labeling must comply and valid with all claims.	
Instructions	Visual Check	All Samples	Should provide use, care and maintenance information, as well as disposition of batteries information.	
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	Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
*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	
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	
PERFORMANCE				
Functional Assessment	Actual Use	1 Sample	The watch shall function as claimed on the packaging / labeling / instruction. Quartz movement: ± 1 second/day	
Accuracy	Standard Measure	1 Sample	Mechanical movement: ± 10 seconds/day	
*Water Resistance (If Claimed)	ISO 2281	1 Sample	The watch & its operative parts shall meet the water resistant claim. Immerse the whole watch for 1 hour at a depth of 4" water at room temperature. No condensation or admission of moisture. No failure. No adverse effect.	
Water Immersion Test	Kohl's TM 48	1 Sample	No failure @ 95% RH @ 100° F (38° C) for 24 Hours. No condensation and admission of moisture. No failure. No adverse effect.	
Humidity Test	Kohl's TM 31	1 Sample	24 Hours @ 0° F (-18°C) and 24 Hours @ 120° F (49°C). No condensation and admission of moisture. No failure. No adverse effect.	
Effects Of Extreme Temperatures (Environmental)	Kohl's TM 30	1 Sample	3 drops from 3 feet height onto a hardwood surface. Shall have no damage which would affect its normal operation or appearance e.g. accuracy, function or with parts detached, dislocated, bent, cracked, etc. Modification = expanded scope to other products	
Impact Resistance	ASTM F 963 (Mod.)	1 Sample	Bracelet: Shall not deform or break Bracelet hole elongation <50% Tier 1: 3000 Cycles Tier 2: 3500 Cycles Strap (leather/PVC/textile): Shall not deform, crack or break - Elongation<5% Tier 1: 2000 Cycles Tier 2: 2500 Cycles	
Traction -Torsion Test On Watch Fitted With Bracelet Or Strap (Novelty/Fashion Bracelets And Straps Are Exempt)	Kohl's TM 41	1 Sample	Shall withstand a torque force of 4 in-lbs and 15-lb horizontal and vertical pull for Tier 1: 10 Secs Tier 2:: 20 Secs	
Torque & Tension Test On Novelty/Fashion Strap Or Bracelet	ASTM F 963 modified	1 Sample	Modification = expanded scope to other products	

Buckle, Spring Bar And Related Components Attachment Strength	ASTM F 963 modified	1 Sample	Gents - shall withstand 15-lb horizontal and vertical pull for Tier 1: 10 Secs Tier 2: 20 Secs Ladies - shall withstand 10-lb horizontal and vertical pull for Tier 1: 10 Secs Tier 2: 15 Secs	
Clasp And Related Components Durability	Actual Use	1 Sample	Modification = expanded scope to other products Shall withstand 100/250/500 cycles of normal operation.	
Cross Cut Adhesion (Metal Plating)	ASTM D3359-2009e2 TM A	1 Sample	Cut cross-hatch pattern along the surface of plated item, plating must remain affixed	
Current Consumption (If Applicable)	Standard Measure	1 Sample	The current consumption at different modes of operation shall be reported	
*Sound Pressure Level Of Alarm (If Applicable)	ASTM F 963 Modified	1 Sample	Min. 53 dB (A). Modification = expanded scope to other products	
#Claim Verification (If Claimed)	Visual Check / Actual Use	1 Sample	All designs and features must conform to actual claim.	CLAIM
COLORFASTNESS				
Light Fading	AATCC 16.3-14 Option 3 10 AFU	1 Sample	Class 4.0 (Textile), Class 3.0 (Leather/suede) Class 3.0 (Watch face/dial/bezel)	
Resistance To Perspiration (Sweat and Saliva)	DIN 53160-1:2010	1 Sample	No plating failure; discoloration or visual defects. Any staining due to dye migration must be class 3.0 Min. (AATCC gray scale) Note: Adult's watches require sweat test only	
ANALYTICAL				
*Lead In Scrapable Surface Coating	CPSC-CH-E1003-09	1 Sample	≤90 ppm (0.0090% by weight) (CPSA – 16 CFR 1303)	
*Chromium VI in Leather	EPA SW 846 Method # 3060A (Mod.)	1 Sample	Not in excess of 0.001% by weight.	
*pH Value of Leather	ASTM D 2810	1 Sample	pH value should be in the range of 4.0 to 7.5	
*Nickel Spot Test (Applicable to Metallic Component With Prolonged & Direct Skin Contact Only)	PD CR 12471	1 Sample	Negative test result.	
Total mercury content in batteries (when applicable)	Mercury-Containing and Rechargeable Battery Management Act U.S. Pub. L. 104-142 Title II	1 Sample	(i) Alkaline-manganese button cell shall contain less than 25 mg Hg / cell. (ii) Alkaline-manganese battery and Zinc carbon battery shall contain no intentionally added mercury (BV reporting limit is 4 mg/kg). (iii) No Mercuric-oxide button cell or battery is allowed	
Total mercury content in button cell batteries (when applicable)	Various US State Laws	1 Sample	Button cell battery shall not contain any detectable levels of mercury (BV reporting limit is 4 mg/kg).	
* CA Prop 65	Refer to Protocol 1300	All Samples	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	
PRICING AND ADDITIONAL NOTE:				
*Please refer to Kohl's preferred third party labs for individual pricing and sample size				
Protocol Version	Description of Change	Revised by / Date	Approved by / Date	
236 – 0	Initial Release	Simon Leung Oct 10, 2008	Ro Jain Oct 13, 2008	
236 – 1	Changed Test Protocol Title. Updated the Test Property of Traction-Torsion & Torque And Tension Tests. Updated ASTM F 963-07 to 963-08 Version. Removed Soluble Heavy Metals in Surface Coatings & Lead in Substrate Material Tests. Added Lead in PVC Test.	Simon Leung July 6, 2009	Ro Jain Jul 14, 2009	
908 – A	Changed the Title of the Test Protocol. Add DnHP. Changed protocol number from 236-2 to 908-A, price adjustment, changed test method for scrapable surface from ASTM to CPSC	Simon Leung April 1, 2010	Ro Jain April 1, 2010	
908-B	Updated phthalates pricing. Lowered lead in scrapable surface coating from 600 to 90ppm	Elizabeth Armstrong September 15, 2011	Ro Jain September 15, 2011	
908-C	Added composite testing requirements for phthalates testing	Elizabeth Armstrong February 1, 2012	Ro Jain February 1, 2012	
908-D	Separate the test line of Prop 65 to supplementary protocol	John Wong Mar 07, 2013	Ro Jain April 15, 2013	
908-E	Differentiate the performance rating to Tier 1/Tier 2/Tier 3	John Wong Oct. 4, 2013	Ro Jain Feb. 10, 2014	
908-F	Updated lead content pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug 4, 2014	
908-G	Renamed all in-house methods	Birkoff Chen Sep. 4, 2014	Elizabeth Armstrong Oct 27, 2014	
908-H	Updated test methods, impact resistance, torque & tension test, buckle attachment, cross cut adhesion, sound pressure level, light fading, resistance to corrosion, added in modifications, added mercury testing requirements	Elizabeth Armstrong May 5, 2016	Elizabeth Armstrong May 5, 2016	
908-I	Added adult tracking label	Elizabeth Armstrong June 15, 2020	Elizabeth Armstrong June 15, 2020	
908-J	Removed tier 3 from Traction -Torsion Test On Watch Fitted With Bracelet Or Strap, Torque & Tension Test On Novelty/Fashion Strap Or Bracelet & Buckle, Spring Bar And Related Components Attachment Strength	Elizabeth Armstrong Dec 2021	Elizabeth Armstrong Dec 2021	
908-K	Added supplemental testing line for Reese's Law	Elizabeth Armstrong Oct 2023		

