

▶ **Advanced Jewelry Testing Services**

Managing Risk and Protecting Your Brand

BUSINESS CHALLENGE

While regulatory standards exist for the testing of lead or nickel content, virtually no industry standards exist for testing the performance and durability of jewelry. This means that manufacturers and retailers of jewelry have little or no objective methods and data to assess the durability of their products or how they will perform for consumers. This leaves manufacturers and retailers uncertain if their quality objectives will be met and potentially facing the risk of product returns, recalls, and consumer dissatisfaction – ultimately putting their brand and reputation at risk.

SOLUTION

What is Advanced Jewelry Testing?

Advanced Jewelry Testing is the evaluation of fine, precious, semi-precious, costume, or children's jewelry for performance characteristics in addition to regulatory requirements. Regulatory testing can determine if products comply with requirements such as lead in surface coatings per 16 CFR Part 1303, as well as California Proposition 65. Performance testing to customized standards for jewelry can identify how a product will perform for the consumer. A combination of regulatory and performance testing can provide you with the ability to better manage risk and protect your company's brand.

What are the key benefits?

- Prove compliance of products to applicable regulations
- Evaluate how a product will perform in the hands of the consumer
- Assess product performance
- Analyze how normal usage will affect a product
- Reduce product returns
- Identify issues missed in the manufacturing process
- Enhance risk management and brand protection

WHY CHOOSE BUREAU VERITAS FOR JEWELRY TESTING?

Reputation – For over 30 years, we have worked successfully with top manufacturers and retailers around the world to help them better manage risk and assure regulatory compliance.

Technical Knowledge & Leadership – By developing customized standards for the performance and durability of jewelry products, Bureau Veritas can provide manufacturers and retailers with the ability to better assess their jewelry products for performance and durability, along with testing for regulatory requirements.

Worldwide Locations – With locations close to sourcing areas in over 40 countries, we offer you the convenience of global coverage with local service where you need it.

Expertise – Our staff participates in the development of international, industry and regulatory standards worldwide, keeping our technical staff and its clients at the forefront of changes in safety requirements and testing.



>>> GLOBAL SERVICES

Jewelry testing is currently available in a number of our laboratories globally, including:

- China and Hong Kong
- India
- Turkey
- Thailand
- Mexico
- United States

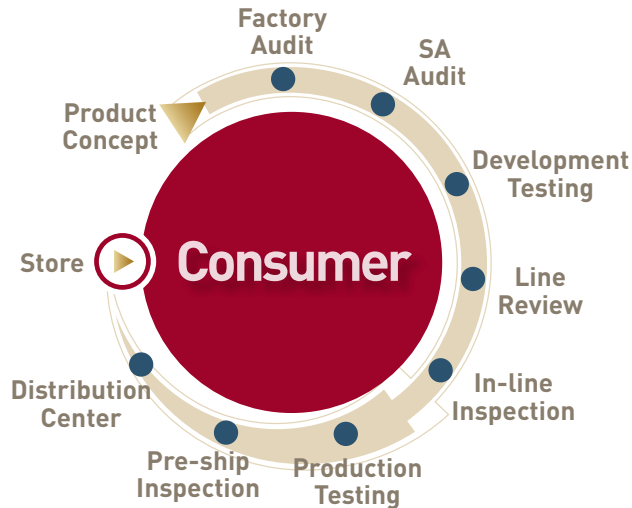
Ask us about other locations which may be closer to your point of sourcing.



BUREAU
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Move Forward with Confidence

Supply Chain Management



OUR APPROACH

To provide our clients with the ability to better determine the durability and performance of their jewelry products, we worked with manufacturers and industry experts to develop objective quality standards. The result: a comprehensive range of customized services to help our clients evaluate the mechanical properties of their jewelry products, including:

- **Clasp Evaluations:** Evaluates the performance of clasps for tensile strength, actuation force and durability.
- **Compression Test:** Assesses the potential of crushing or denting on jewelry items.
- **Wearing Back Test:** Evaluates the performance of earrings, including post-type, snap-bar type and shepherds-hook type earrings.
- **Setting Strength Test:** Determines the force required to pull a gemstone out of its mounting.
- **Tarnish Test:** Evaluates the jewelry box components and materials for their potential to tarnish jewelry items.
- **Tensile Test:** Assesses the strength of various chain types including herringbone, leather, mono filament line, etc. Also can be used to determine clasp-chain strength.

FAQ

Why did Bureau Veritas develop advanced testing services for jewelry products?

We developed these services at the request of a leading retailer that wanted to quantify the quality of its jewelry items, but found that no commonly accepted industry standards existed for the mechanical testing of jewelry. By working with manufacturers, agents and industry experts, we were able to develop objective quality standards.

In addition to performance testing, I need to identify the metal content of my jewelry items. Can you help me?

Yes, we can assist you with this by performing materials identifications/assays to determine the metal content of your fine and semi-precious silver and gold jewelry items.



CONTACT

For details about this service, please contact Bureau Veritas – Consumer Products Services Division at info@us.bureauveritas.com