



A seamless
solution for your
brand protection

Empowering Trust™



State-of-the-art textile, apparel, leather and footwear testing facility

UL's Dhaka facility offers unparalleled technical expertise

Spanning across 33,000 square feet in the heart of Bangladesh, the newly renovated laboratory provides technical expertise to support clients with product testing, chemical management, social compliance, sustainability solutions, factory audits and inspections. Equipped with advanced technologies and testing capabilities, UL helps clients to navigate risks, strengthen global supply chains, protect brand reputation and access global markets faster.

UL partners with clients to verify product compliance to national and international standards for the following:

- Accessories
- Adult clothing
- Children's clothing
- Footwear
- Home textiles
- Leather goods

Our comprehensive quality assurance program is designed to help clients manage the complexities of the regulatory environment.

Together we strive to support safer and more sustainable living around the world.



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Testing



Physical, mechanical and colorfastness for textile

- Colorfastness testing
- Dimensional stability
- Fiber analysis and labelling
- Flammability
- Moisture management
- Pilling and abrasion resistance
- Strength and performance



Physical and mechanical tests for footwear

- Bally upper flex (Bally flex)
- Colorfastness on leather, synthetic leather and textiles
- Completed shoes flexion
- Heel impact and attachment
- Performance testing for finished shoes
- Performance testing for shoes components
- Seam and attachment strength
- Sole bonding strength
- Sole flex (Ross flex)
- Sole wearing resistance



Children's clothing and footwear

- Buttons, snaps, trims and attachment resistance
- Chemical analysis of hazardous substances
- Flammability tests
- Overall safety assessment of garments
- Safety and dimension evaluation of cords and drawstrings
- Slide fasteners (zips) testing



Chemical analysis

- Alkylphenol (AP) and alkylphenol ethoxylates (APEO)
- Allergenic and carcinogenic colorants
- Azo dyes
- Chromium (VI)
- Formaldehyde
- Perfluorinated compounds (PFC)
- Pesticides
- Phthalates
- Polycyclic aromatic hydrocarbon (PAH)
- SVHC identified according to REACH
- Total content of heavy metals
- Other chemical substances listed in RSL

Quality assurance

UL helps clients ensure that brand specifications, standards and best practices are fully understood and implemented by every link in the value chain.

Our global team brings local market knowledge and increased expertise to your business.

Through our comprehensive audit and inspection services, customers can gain immediate and actionable insights that drive critical business decisions.



Product inspections

- Top of production (TOP)
- Initial production inspections (IPI)
- In-process quality checks (DUPRO)
- Final random inspections (FRI)
- Pre-shipment inspections (PSI)
- Loading supervision



Responsible sourcing

- Capacity building and continuous improvement
- C-TPAT
- Extractives and raw materials
- Security and brand protection
- Social compliance
- Environmental responsibility



Factory audits

- Quality management systems
- Production capability and capacity



Reducing Discharge of Hazardous Chemicals

Restricted Substances List

A Restricted Substances List (RSL) covers chemicals and other substances whose presence in a product is restricted through a government regulation or law. It also identifies the most restrictive iteration of that regulation worldwide. To remain competitive in today's market, companies need to adopt sustainable business practices that focus on the environment and human health factors.

UL offers analysis and monitoring of current and increasingly complex guidelines in accordance with the various European directives and international laws and standards. UL evaluates fabrics, yarns, garments, leather and accessories to verify the presence of restricted substances including pesticides, azo dyes, carcinogens and allergens.

Detox

With first-hand knowledge of international chemical standards, UL's quality assurance and chemical management services teams can help ensure regulatory compliance for every country in which you source or sell.

Minimizing possible damage to ecosystems and communities is a growing concern for businesses, particularly those in the textile and footwear industries.

To support this drive towards environmental responsibility, UL offers wastewater onsite assessments and testing solutions to help satisfy commitments to eliminate the discharge of hazardous substances.

ZDHC Programme

The Zero Discharge of Hazardous Chemicals (ZDHC) Programme analyzes wet processing and provides training to help eliminate priority chemical groups. UL is contributor of the ZDHC Programme and in doing so, supports its vision of the widespread implementation of sustainable chemistry and best practices in the textile, leather and footwear industries to protect consumers, workers and the environment.

To meet the ambitious requirements of this initiative, UL partners with clients across every aspect of sustainability and supply chain management to help:

- Gain better visibility into supply chain issues and mitigate risk
- Develop a proactive stance and demonstrate green and sustainable credentials
- Demonstrate willingness to invest in the long-term future of the business through sustainable supply chain practices
- Gain a competitive advantage through sustainability initiatives and implementation of best practice procedures
- Implement customized and comprehensive environmental management systems



Manufacturing
Restricted Substances
List (MRSL)



Wastewater
quality



Audit protocol



Research



Data and disclosure



Training



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