Sustainability services for consumer products and retail

UL's solutions for global supply chains



Empowering Trust[™]

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Improve your sustainability program with UL

Global companies have made a commitment to reduce their impact on workers, communities and the environment. Consumers care about the outcomes.

Our comprehensive training programs can help you increase awareness and achieve your sustainability goals throughout the supply chain.

UL educates through:

Zero Discharge of Hazardous Chemicals (ZDHC) official trainings >>

Education programs >>

Five steps to detox brochure >>



Learn more about:



Managing chemicals sustainably

A key issue for textile supply chains is the use of hazardous substances throughout the manufacturing process. These substances can be discharged into wastewater and pose a threat to humans and wildlife. Initiatives, such as the Zero Discharge of Hazardous Chemicals (ZDHC) group, have emerged to address the issue.

UL's Consumer and Retail Services (CRS) is an <u>official contributor to the</u> <u>ZDHC Programme.</u>

ZDHC works to remove harmful substances from the textile and leather manufacturing process. As a ZDHC-accredited training provider, UL can present official ZDHC trainings globally and is working with the ZDHC Gateway Wastewater Module on wastewater and sludge analysis.

Our global presence allows us to host in-person trainings in countries including Bangladesh, China and Hong Kong, India, Italy, Korea, Tunisia and Turkey.

Ø ZDHC

CONTRIBUTOR







Learn more about:



Improving recycled material verification

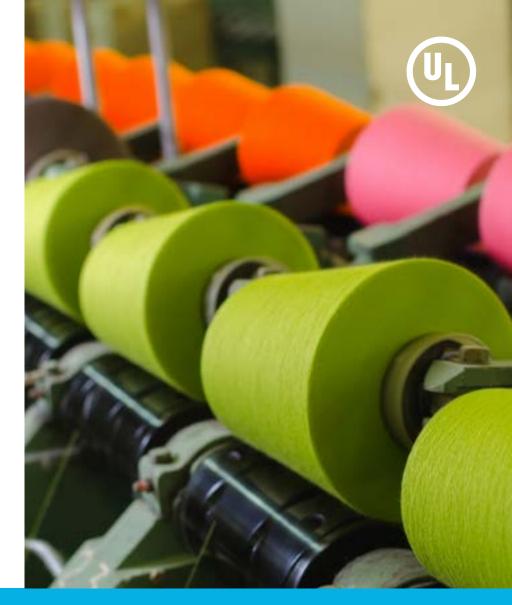
With more recycled materials re-entering the manufacturing process, companies need a way to verify their sustainability claims. Our environmental recycled content auditing program can validate post-consumer, preconsumer (post-industrial) or total recycled content.

Third-party validations, like those from UL, can contribute to LEED points. These key specifiers can then drive marketplace demand for products.

Our Environmental Claim Validation (ECV) program includes:

- Recycled content
- Reclamation facility
- Biobased content
- Mold resistance
- Energy saving power strips
- · Rapidly renewable materials
- · Zero waste to landfill
- Volatile Organic Compound (VOC) content
- Regional materials





Learn more about:





Shifting to circular economy

In an era characterized by supply chain volatility, increasing regulations, shifting consumer demands and hypercompetitive environments, many businesses are shifting to circular economic models to reduce costs, comply with regulations, and differentiate themselves in the marketplace.

New regulations that restrict recycling imports, such as China's Green Sword/ Blue Sky policy, are driving companies to further reduce waste. Circular economy models that aim to reuse materials, reduce inefficiencies, and eliminate waste are aspirational but complicated to implement. UL can help cut through the complexity with our Circularity Facts[™] program.

We developed the world's first science-based Standard for the circular economy, UL 3600, the Certification document for Measuring and Reporting Circular Economy Aspects of Products, Sites and Organizations. This Standard quantifies a company's efforts related to making material flows more circular and sustainable in three dimensions: product, facility and enterprise.



Learn more about:



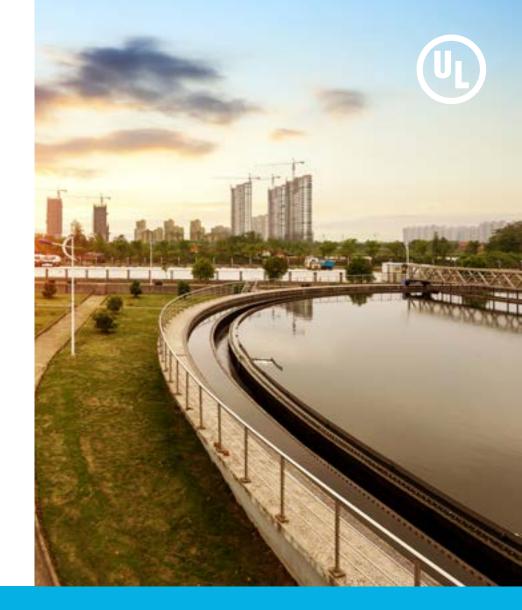
Improving environmental responsibility

As environmental and sustainability initiatives become more important to stakeholders, investors and partners, businesses need to show that they are responding to the demands of environmental protection.

UL's environmental responsibility services help companies identify issues in their supply chain by conducting environmental assessments and Environmental Responsibility Audits based on Global Social Compliance Programme (GSCP) guidelines. Our step-by-step environmental management tools can help companies uncover areas for improvement in raw material processing, manufacturing and service facilities.

Assessment areas include:

- Environmental management systems (EMS)
- Air, water, energy and greenhouse gas (GHG) management
- Wastewater management
- Industrial and hazardous waste disposal
- · Contaminated land/soil and groundwater pollution
- Land use and biodiversity
- Environmental emergency response



Learn more about:



Monitoring chemical management

Textile and leather manufacturers need a reliable way to monitor the chemicals used in manufacturing, for the good of the environment and their own workers. A chemical management system is a systematic approach to procuring, storing, using and disposing of chemicals within a facility. One of the key elements of a chemical management system is the existence of chemical inventory in the factory.

Our chemical management audits program is designed to evaluate the performance of chemical management in textile and leather factories. We can assist companies and individual factories in monitoring these key chemical and environmental components:

- Environmental management systems
- Restricted substance management
- Chemical safety
- Pollution control
- Effluent Treatment Plants (ETP) assessment



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