

Environmental Services

Creation of Codes, Expectations and Program Elements

Environmental Policy and Strategy Development

A Code of Conduct serves as the foundation of an effective environmental program as it embodies a company's core values and vision for environmental responsibility. UL's Responsible Sourcing group offers a variety of Environmental Policy Services to help companies effectively establish and communicate their CSR program standards. UL's subject matter experts work closely with the client's staff to assess the company's needs and expectations and to clarify their vision of their code. Clients may request alignment of their code with current and forthcoming supply chain compliance regulations, industry best practices, international standards, and peer or customer standards. Our solutions are designed to meet individualized client needs and maximize program results, thus we offer a range of options that meet clients' needs—including benchmarking, comparing, developing, and enhancing Environmental Policies.

Environmental Policy Benchmarking

The Environmental Policy Benchmarking service helps evaluate a company's Environmental Policy against its peers, customers, competitors, or industry initiatives across a number of UL-developed criteria. Benchmarking reports include a visual gap assessment through a comparison chart, a narrative analysis, and a summary of recommendations to enhance the client's Environmental Policy.

Environmental Policy Comparison

The Environmental Policy comparison service is a study of a client's peers, customers, competitors, initiatives or best practice Environmental Policies to reveal common standards and language. This service helps the client identify target code standards. The comparison can serve as a basis for the development of a client's Environmental Policy.

Environmental Policy Enhancement

The Environmental Policy enhancement service can help clients analyze and improve an existing code within the context in which the company operates. UL's subject matter experts identify gaps and offer recommendations to better set and communicate standards. Environmental Policy enhancement can be applied after execution of a Environmental Policy benchmarking.

Environmental Strategy Consulting

UL's Responsible Sourcing group offers environmental strategy consultation services to help clients design a practical tool for the implementation of their environmental programs throughout their supply chain.

Benchmarking

Creation of policies, expectations and program components requires a well-informed approach that takes into account industry trends and efforts. While Environmental Programs fall on a continuum, from minimum to leading practice, all companies seek to evaluate the progress they have made within their industry and identify opportunities for enhancement. For clients looking to develop or enhance their environmental programs, UL's Responsible Sourcing group offers two complementary services: program benchmarking and program element benchmarking.

Program Benchmarking

UL's program benchmarking services help analyze environmental efforts in the supply chain and environmental programs through comparisons with peers, competitors or best in class corporations. Benchmarking evaluates the client's company practices against industry norms and leading practice across a number of criteria agreed by the client and UL. Depending on the type of benchmarking, UL uses two types of data: publicly available information and private information.

Program Element Benchmarking

UL's program element benchmarking services help evaluate the client's environmental program documents through comparisons with peers, competitors, best in class corporations or initiatives. Examples of Program Element Benchmarking can include code of conduct requirements, grading matrices and scorecards, audit reports, and audit question sets. Depending on the client's choice of comparative entities, UL may refer to publicly available or private information.

Empowering Trust™



Supply Chain Education

UL's Responsible Sourcing group offers a spectrum of supply chain education services for all steps in the supply chain. Our experts across the globe have the capacity to design and deliver trainings in multiple languages and formats, including in person trainings, live or recorded webinars and trainings for learning managements systems (LMS). Training duration is adjusted according to the content to be delivered and the needs of the client's target audience. Trainings are interactive with case studies, exercises, and knowledge checks where possible.

ZDHC "Introduction to Chemical Management" and "Top 10 issues and best practices"

Aimed at factory managers and personnel responsible for dyeing, printing, chemical purchase, ETP, EHS, quality assurance and sustainability working at wet processing facilities (such as your dye house, print workshops, laundries and tanneries), these courses include an introduction to the ZDHC, establishing a Chemicals Management Team within a facility, hazards and risks, chemicals labelling and storage, and environmental impact mitigation measures.

Auditing

UL Environmental Assessments based on GSCP guidelines

As compliance with environmental and sustainability policies and regulations becomes more important to businesses, their stakeholders need to see transparent results of supply chain environmental performance. UL Responsible Sourcing's Environmental Responsibility Audits, based on Global Social Compliance Programme (GSCP) guidelines, provide overviews of your supply chain manufacturing sites' management systems and impacts of production, to allow you to build your environmental baseline information and capture supply chain progress.

UL's Environmental Responsibility Audit assesses:

- 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

UL Chemical Management Audit based on ZDHC guidelines

UL's Chemical Management Audit is designed to evaluate factory performance of chemical management concerning the wetting process in the textile and footwear industry. It provides insight into facility practices by assessing both chemical and environmental areas informed by the ZDHC (Zero Discharge of Hazardous Chemical) Programme, industry standards, and other best practices. UL is a member of the ZDHC. All Chemical Management Audits are performed by trained chemical auditors.

UL's Chemical Management Audit assesses:

- Environmental Management System
- Restricted Substance Management
- Chemical Safety Management
- Pollution Control
- Effluent Treatment Plants

UL Chemical Management Mini-Audit

UL's Chemical Management Mini-Audit reviews a facility's chemical management system and provides a client with an understanding of the processes and features in place and those that are missing. The mini-audit is based on an inventory supplied by the facility and spot-checks conducted by the auditor.

UL's **Chemical Management Mini-Audit**, which can be applied as an add-on assesses:

- Chemical Purchase
- Chemical Processes
- Chemical Usage
- Restricted Substances
- MSDS, Chemical Storage, and PPE
- Chemical Waste Storage
- Personnel and Training

Business Environmental Performance Initiative (BEPI)

UL is an approved provider of amfori BEPI's Environmental and Chemical Management Audits. BEPI supports retailers, importers and brands to improve environmental performance in supplying factories worldwide. BEPI offers a single system that enables all companies sourcing all product types to address the environmental performance of their supply chain.

The **BEPI Environmental Audit** assesses four (4) below most relevant environmental areas for the producer site, plus Environmental Management System.

- Energy Use, Transport and Greenhouse Gases (GHG)
- Water Use
- Wastewater/Effluent

- Emissions to Air
- Waste Management
- Pollution Prevention and Chemicals
- Major Incident Prevention and Management
- Contaminated Land/Soil and Groundwater Pollution Prevention
- Land Use and Biodiversity
- Environmental Nuisances

The **BEPI Chemical Management Audit** follows the ZDHC 2.0 protocol and currently only applies to the textile and footwear industry. The audit evaluates the level of implementation of an organization's chemical management system. The assessment determines the capability and effectiveness of the system in ensuring continual conformity with client requirements, statutory and regulatory requirements and the defined scope of activities.

The **BEPI Chemical Management Audit** assesses the following areas:

- Audit Information
- Permits
- Waste
- Wastewater and Effluent
- Emissions to Air
- Health and Safety
- Chemical Management

Higg Facility Environmental Module (FEM)

UL is an approved verifier for the Higg FEM Module 3.0 for facilities who supply to members of the Sustainable Apparel Coalition (SAC).

The Higg FEM is a sustainability assessment tool that standardizes how facilities measure and evaluate their environmental performance. The Higg FEM is based on self-assessments and verification of completed self-assessments by third party verifiers.

The **Higg FEM Module** assesses the following areas:

- Environmental Management Systems or Programs
- Energy Use and Greenhouse Gas (GHG) emissions
- Water Use
- Wastewater Effluents (using ZDHC guidelines)
- Emissions to Air
- Waste Management
- Chemicals Management

The Higg FEM Chemicals Management section is a joint effort among the Sustainable Apparel Coalition (SAC), the Outdoor Industry Association (OIA) and the Zero Discharge of Hazardous Chemicals (ZDHC) Program to converge their respective chemicals tools into one assessment questionnaire.



For additional information on UL's Environmental Services, contact UL.RS.Environment@ul.com or visit UL.com/CRS.