



## Case Study



# FCI

fcibd.com

### About FCI

Founded in 1984, FCI is a family-run business committed to quality and ethics. With over 10,000 employees across design and manufacturing facilities in London and Bangladesh, including four state-of-the-art sites in Bangladesh, FCI specializes in premium garment manufacturing, from high-quality basics to precision tailoring for top global brands.

FCI (BD) Ltd. source fabrics and trims worldwide, ensuring efficiency, ethical practices, and full raw material traceability. Strong supplier partnerships and transparent operations, including site visits, underpin their agile supply chain.

FCI offers end-to-end services, collaborating with clients throughout the product development lifecycle. With advanced sampling facilities and extensive expertise, FCI provides a seamless, one-stop solution for premium garment production.

### Challenges

Before implementing CleanChain, they faced significant challenges in managing chemical and discharge data. Their manual Chemical Inventory List (CIL) reporting system was time-consuming and prone to errors, requiring extensive resources. Inventory inefficiencies led to overstocking and the use of expired chemicals, increasing compliance risks. Frequent audits and wastewater tests added to the workload, straining operations. Controlling hazardous chemical use and monitoring environmental emissions were difficult without a centralized system. Understanding and mitigating environmental, health, and safety risks was complex due to limited data insights. Ensuring MRSL compliance was also a challenge, as the lack of streamlined processes made monitoring and adherence difficult. CleanChain addressed these issues by automating reporting, improving compliance, and enhancing sustainability efforts.

### CleanChain Solutions

FCI (BD) Ltd. implemented the CleanChain platform in 2018 as part of its Sustainable Chemicals Management (SCM) Program to enhance MRSL compliance and eliminate restricted hazardous chemicals from its garment manufacturing and washing processes.

“By integrating CleanChain into our operations, we improved collaboration with chemical suppliers and ensured compliance with ZDHC RSL/MRSL and client Chemical Management System (CMS) requirements. The platform streamlined chemical data management, reducing manual reporting efforts and enhancing transparency across the supply chain.

With CleanChain, we gained real-time insights into chemical usage, improved inventory control, and minimized environmental risks. This digital transformation has supported our goal of achieving full MRSL compliance while fostering a safer and more sustainable production environment.”



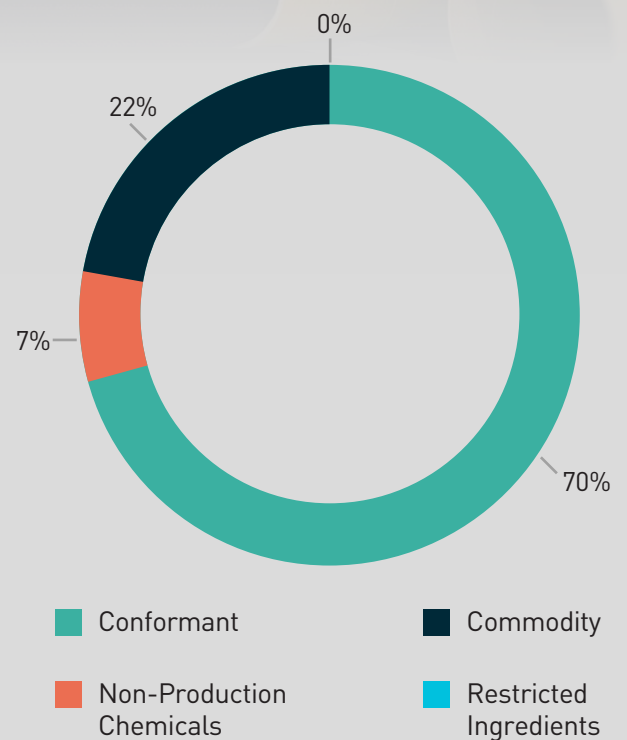


## Key Results

The implementation of CleanChain at FCI brought significant improvements in chemical management, compliance, and operational efficiency. Key deliverables and results include:

- **Time and Cost Savings:** Streamlined data collection and reporting on chemicals and discharge, reducing manual efforts and operational costs.
- **Enhanced Compliance:** Ensured adherence to customer policies, commitments, and ZDHC MRSL requirements.
- **Improved Competitiveness:** Strengthened customer relationships by demonstrating compliance and sustainability leadership.
- **Optimized Inventory Management:** Reduced overstock and prevented the use of expired chemicals.
- **Fewer Audits and Tests:** Minimized the frequency of audits and wastewater testing.
- **Safer Operations:** Eliminated hazardous chemicals, reducing environmental emissions and safety risks.
- **Traceability:** Ensure chemical traceability.

Transparency Trend



## Client quote

*“By using the CleanChain platform as an MRSL compliance tool, we have successfully aligned with ZDHC RSL/ MRSL requirements and our clients’ CMS compliance standards, ensuring safer and more sustainable chemical management.”*

-Rasel Ahmed,  
AGM Sustainability