



# DETOX Services

Because sustainability never goes out of fashion.

Fashions come and go. But these days, looking good isn't good enough.

As awareness of the hundreds of chemical substances contained in shoes, clothing and other everyday textiles grows, the environmental and human health concerns are also escalating. Time is running out for manufacturers to demonstrate that their apparel and footwear is produced safely and sustainably.

Increasing consumer and regulatory pressure has turned the trickle of companies participating in the Greenpeace DETOX campaign into a tsunami. However, many firms are finding it difficult to meet the myriad of criteria required to access markets and win orders.

## SURVIVAL OF THE CLEANEST

- With its extensive international expertise and deep technical knowledge, TÜV Rheinland offers a full portfolio of DETOX supply chain services, enabling it to be a convenient and cost-efficient one-stop shop.
- TÜV Rheinland's comprehensive range of DETOX services enable companies of all kinds – manufacturers, brands and retailers – to sharpen their competitive edge to capture the confidence of an increasingly environmentally aware customer base.
- Enhancing your DETOX profile does more than reduce and mitigate risks. It can also establish your company as an industry leader and, therefore, increase brand reputation and stakeholder trust.
- In addition to meeting regulatory, environmental and social requirements, partnering with TÜV Rheinland to eliminate harmful chemicals in your textile production process can make entering even the most tightly-controlled markets possible and profitable.

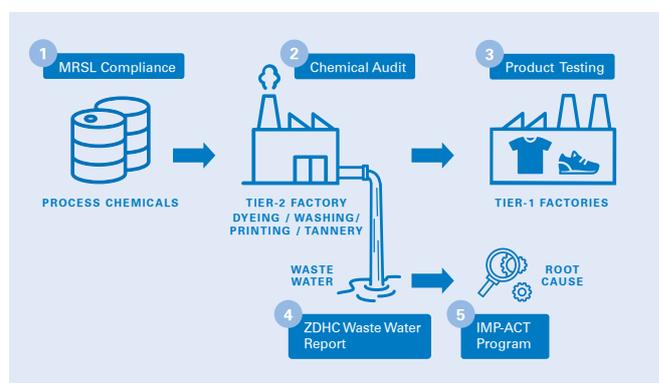
## SUSTAINABILITY IS IN TÜV RHEINLAND'S DNA

As a world-leading independent provider of technical services for testing, inspection, certification, consulting and training, we have been helping clients to succeed for over 140 years. Today, that includes working with the entire supply chain to eliminate hazardous chemicals in products and production processes and meet sustainability goals.

With extensive international expertise and in-depth technical knowledge, TÜV Rheinland offers a comprehensive portfolio of DETOX-supply chain services. A true, one-stop-shop, we provide raw materials suppliers, textile and garment manufacturers with the end-to-end sustainability services they need to ensure clean textile, apparel and footwear supply chains.

## TACKLE THE DETOX CHALLENGE WITH TÜV RHEINLAND

Meeting DETOX demands doesn't have to be difficult. With its comprehensive portfolio, TÜV Rheinland offers a wide range of cost-efficient solutions and services for every link in the textile and footwear supply chain.



## GLOBAL COMPETENCIES

	CN	BD	IN	TK	VN	ID	DE	TH
	✓	✓	✓	✓	✓	via VN	✓	✓
	✓	✓	✓	✓	✓	via VN	via TK	via VN
	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	NA	✓
	✓	✓	✓	✓	✓	✓	✓	✓

**Legend:** CN - China, BD - Bangladesh, IN - India, TK - Turkey, VN - Vietnam, ID - Indonesia, DE - Germany, TH - Thailand

 Chemical formulation / MRSL conformance

 Sound management of chemicals (SMC) training

 Wastewater testing

 Chemical management verification/ assessment/audit: amfori BEPI/SAC Higg FEM

 Product testing

### ZDHC MRSL CONFORMANCE LEVEL [1] ASSESSMENT IN CONNECTION TO ZDHC GATEWAY™: CHEMICAL MODULE

The ZDHC Programme's detailed Manufacturing Restricted Substances List (MRSL) is designed to enable the apparel and footwear industry to manage the input of chemicals to the suppliers and remove those hazardous substances from the manufacturing process. TÜV Rheinland's DETOX specialists take the guess-work out of that process. Our experts help companies avoid expensive mistakes by meeting the acceptable limits for these substances and chemical formulations used within manufacturing facilities.



### ZDHC WASTE WATER AND SLUDGE TESTING

Testing is the key to ensuring progress towards a greener and more sustainable supply chain, regardless of economic conditions or business challenges.



TÜV Rheinland's hazardous substances testing services can help organisations to ensure that their production process – including waste-water and sludge – remains free of such substances, in line with ZDHC wastewater guidelines. These testing results can also be used for targeted follow-up audits and training.

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### ZDHC TRAINING

TÜV Rheinland has been actively promoting sound chemical management for nearly a decade. Today, we are an accredited ZDHC Foundation global training provider, helping brands and manufacturers to improve their knowledge and open the door to conscious buyers and consumers globally.



### IMP-ACT PROGRAM

With our IMP (Improvement) ACT (Actions) program, experts at TÜV Rheinland conduct root cause analysis when failure and/or non-conformance is encountered either during an audit or waste water analysis. The results are combined with recommendations to align with DETOXing goals.

### BEPI AND SAC AUDITS / VERIFICATION

The Business Environmental Performance Initiative (BEPI) is designed to improve global supply chains. TÜV Rheinland's experts can help make the most out of such an enhanced approach environmental risk management. Auditors with extensive chemical expertise also review chemical management processes and tools. And unlock attractive benefits, including cost reduction, increased productivity and competitiveness.



In addition, TÜV Rheinland is a contributing member of the Sustainable Apparel Coalition (SAC). We are heavily involved with Training and Assessment activities related to the Coalition's flagship Higg Index, which empowers businesses to make meaningful improvements that protect the well-being of factory workers, local communities and the environment.



### CAPTURE A SHARE OF CLEANER MARKETS

It is easy for manufacturers to produce 'clean' finished products by washing and flushing undesired chemicals into the local sewerage system before delivery. But it is extremely short-sighted and a deterrent, rather than an attraction, for big buyers and regulators.

Contact TÜV Rheinland today to find out how you can capture your fair share of the growing market for textiles, clothing and footwear that are free of harmful chemicals. Because sustainability never goes out of fashion.

