**Zero Discharge of Hazardous Chemicals: TÜV Rheinland approved for Manmade Cellulosic Fibers Testing**

TÜV Rheinland has become an approved laboratory under the Zero Discharge of Hazardous Chemicals (ZDHC) MMCF Guidelines Wastewater Version 2.1. / [www.tuv.com/detox](http://www.tuv.com/detox)

**Cologne, 22 August 2023.** Man-made cellulosic fibers (MMCF) include viscose staple fiber, lyocell, viscose filament yarn (VFY), cuprammonium rayon (cupro), and cellulose acetate (acetate), and play a significant role in textile manufacturing. To date, the sector has faced considerable social and environmental challenges – e. g. in the sectors of raw material sourcing or safe chemical use in the production process. As per MMCF 2030 vision, Zero discharge of hazardous wastewater and sludge is crucial underpinning for producing with zero harm.

TÜV Rheinland has been certified as an approved laboratory under the Zero Discharge of Hazardous Chemicals (ZDHC) MMCF Guidelines Wastewater Version 2.1.The recently released ZDHC MMCF guidelines 2.1 provide a clear point of reference for sector-wide benchmarking and best practice sharing on hazardous emissions and chemicals management. The guidelines provide a collaborative and aligned approach to these fibers that would generate cleaner outputs from production while including a circular approach to their processes.

The ZDHC Roadmap to Zero Programme (ZDHC) is a collaboration of brands, value chain affiliates and associates committed to eliminating hazardous substances from the textile, apparel and footwear value chain. To address the use and discharge of hazardous chemicals in MMCF manufacturing, ZDHC published the ZDHC MMCF Guidelines V1.0 in April 2020. MMCF manufacturing facilities will need to implement the MMCF Wastewater Guidelines V2.1 requirements from the October 2023 testing cycle.

Overall, the importance of the ZDHC MMCF Guidelines lies in their potential to create a more sustainable, less hazardous, and environmentally responsible textile industry. The qualification of TÜV Rheinland as a ZDHC MMCF wastewater and sludge approved laboratory is part of the company's ongoing efforts to supply sustainable practices across industries. As a leading provider of testing, inspection, and certification services, TÜV Rheinland is dedicated to helping brands and manufacturing sites reduce the environmental footprint of the textile industry.

***About TÜV Rheinland***

*Safety and quality in almost all areas of business and life: That’s what TÜV Rheinland stands for. The company has been active for more than 150 years and is one of the world’s leading testing service providers. TÜV Rheinland has more than 20,000 employees in over 50 countries and generates annual sales of around 2.3 billion euros. TÜV Rheinland’s highly qualified experts test technical systems and products around the globe, accompany innovations in technology and business, train people in numerous professions and certify management systems according to international standards. In this way, the independent experts ensure trust along global flows of goods and value chains. Since 2006, TÜV Rheinland has been a member of the United Nations Global Compact for more sustainability and against corruption. Website:* [*www.tuv.com*](http://www.tuv.com)

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Media contact:

TÜV Rheinland, Press Office, Tel.: +49 221 806-21 48

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