

4sustainability® is an innovative implementation framework and a registered mark assuring the sustainability performances of fashion & luxury supply chain.

The framework is built and continuously updated in line with the best methodologies, standards and practices.



Penta-Rif S.p.A.

has joined the 4sustainability® Commitment and applies the 4s CHEM Protocol for eliminating toxic and harmful substances in production through the ZDHC MRSL.

# CHEM IMPLEMENTATION LEVEL



COMPANY ID Nr. 4S-100448

ASSURANCE RATING: 90% VERS. PROTOCOL CHEM: 5.0

ISSUE DATE: 13/05/2024 EXPIRATION DATE: 13/05/2025

Issue by: Process Factory s.r.l. Via A. Da Noli, 4/6 - 50127 Firenze CF/P.IVA: 058052004





## **ABSTRACT**



### 4s Assurance Report Chemical Management Version 5.0

### Penta-Rif S.p.A.

### 4s REQUIREMENTS

### Management system

Twaitargenerity system

Evaluating the implementation of a chemical management system within the company. The verified requirements range from the presence and communication of an internal sustainability policy, to staff training, as well as to the definition of reduction targets and monitoring of over-time performance.

### Chemical risk management

Assessing chemicals risk management within the factory. The verified requirements measure the chemical inventory information management, the related qualification level to ZDHC MRSL 2.0, and related pahse put plan and improvement plan.

### Matorials risk management

Assessing the management and control system of incoming materials and their compliance level with 4sustainability PRSL, as a tool for reducing the risk of incoming contamination in the production process.

### Supply Chain assessment

Evaluating the company's supply chain management and assessment. The verified requirements measure the mapping activity, qualification, engagement, training and monitoring of subcontractors and material suppliers and all the procedures in place.

### Process management

Assessing the production processes management and traceability. The verified requirements measure the correct functioning of the internal traceability system and its digitalization. Morover it includes processe due-diligence tests in order to monitor contamination on the products.

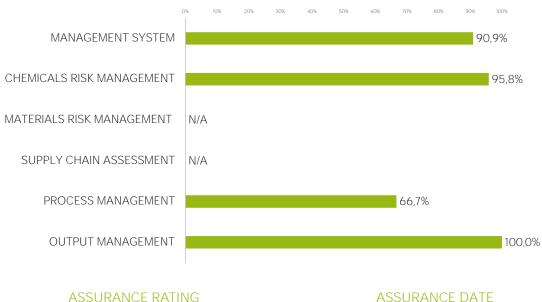
### Chemical Health&Safety

Assessing health and safety requirement linked to chemical management. The verified requirements range from labeling, handling and storage of chemical products within the factory, to emergency procedure and waste management.

### Output Management

Evaluating the company managament of process output. The verified requirements range from legal permission for emission to the control of waste water according to ZDHC Guidelines. for internal and external processes and final product testing.

### 4S REQUIREMENT - IMPLEMENTATION LEVEL





ASSURANCE DATE

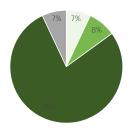
22/04/2024



The company manfacture and sells yarn/fabric OR is a sub-contractor. The company carries out internal processes of dyeing and finishing, and outsources processes of coupling.

Name of Internal Chemical Manager: ZDHC accredited training course and date:

Alberto Chiari ZDHC CMS TIG Training - 23/02/2024



- % of Self-declarations
- % of Level 1 products or equivalent
- % of Level 2 products or equivalent
- % of Level 3 products or equivalent
- % of dubious products
- % of non-compliant products

The production coverage is calculated from the meters of textile wet processed by the subcontractors.



# Indirect Discharge without Pre-Treatment (CETP - Central Effluent Treatment Plant) \*\*Conventional and Anions\*\* \*\*Conventional and Anions\*\* \*\*Conventional and Anions\*\* \*\*Conventional and Anions\*\* \*\*MRSL\*\* \*\*Conventional and Anions\*\* \*\*MRSL\*\* \*\*MRSL\*\* \*\*METS THE REQUIREMENTS\*\* \*\*MODIFIANTIONAL\*\* \*\*METS THE REQUIREMENTS\*\* \*\*MODIFIANTIONAL\*\* \*\*MODIFIANTIO







# Verification of Achievement

Based on document desktop review, this document acknowledges

# Penta-Rif Srl

A423FI65

has successfully completed Supplier to Zero (Level 2) on 26.03.2024 and meets the Progressive level requirements.\*

Frank Michel ZDHC

**Executive Director** 

6085-2733-7EB

**Document Control Number** 

