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.

Manifattura Italiana Cucirini 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

CHEM excellence

COMPANY ID Nr.	4S-100376		
ASSURANCE RATING:	90%	**VERS. PROTOCOL CHEM:**	5.0
ISSUE DATE:	20/01/25	**EXPIRATION DATE:**	20/01/26

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

PROCESS FACTORY
sustainable business makers

ABSTRACT

4s Assurance Report Chemical Management
Version 5.0

CHEM

Manifattura Italiana Cucirini S.p.A.

4s REQUIREMENTS

Management 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.

Materials 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.

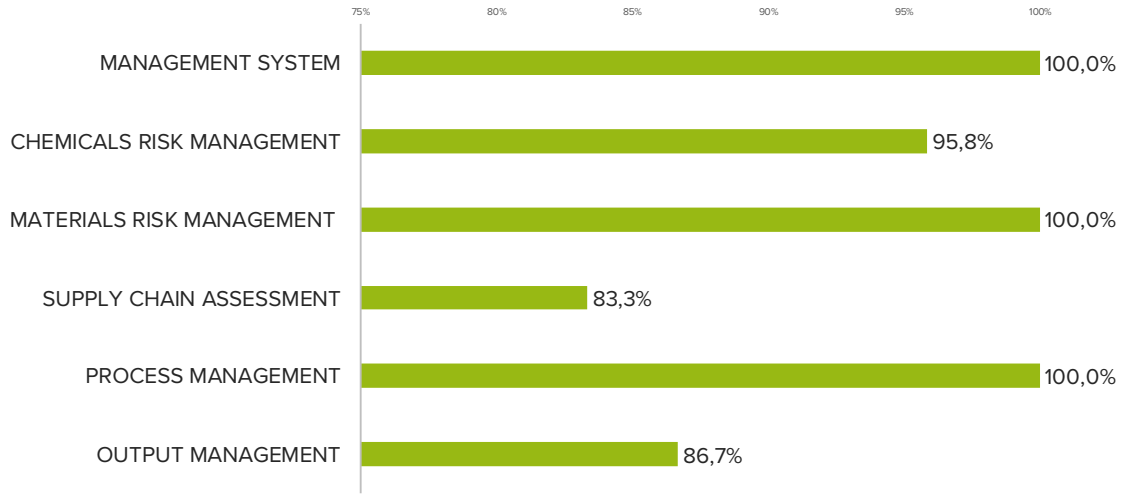
Supply Chain assessment
Evaluating the company's supply chain management and assessment. The verified requirements measure the mapping activity, qualification, engagement, training and monitoring of subcontractors and material suppliers and all the procedures in place.

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.

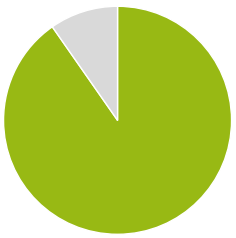
Chemical Health&Safety
Assessing health and safety requirement linked to chemical management. The verified requirements range from labeling, handling and storage of chemical products within the factory, to emergency procedure and waste management.

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 RATING



90%

ASSURANCE DATE

21/11/24

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PRODUCTION MODEL

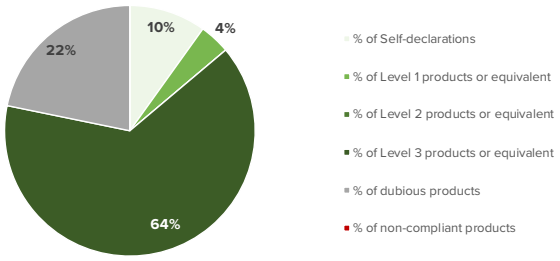
The company manufactures and sells yarn.
The company carries out internal processes of dyening,
and does not outsource any process.

Name of Internal Chemical Manager:	Riccardo Spinelli
ZDHC accredited training course and date:	ZDHC Advanced Wastewater Training - 21/12/2023

INPUT

CHEMICALS vs MRSL ZDHC v. 3.1

INTERNAL CHEMICAL INVENTORY



Internal traceability of chemical product batches: For all internal processes

RAW MATERIALS

RAW MATERIALS SUPPLIERS RATING

OUTPUT

INTERNAL WASTEWATER

Indirect Discharge with Pre-Treatment (CETP - Central Effluent Treatment Plant)

% OF INTERNAL WORKLOAD: **99%**

WW Testing performed yearly: **2,00**

Conventional and Anions

N/A

MRSL

Metals

SLUDGE ✓

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