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.

Leomaster 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 advanced

COMPANY ID Nr.	4S-100302		
ASSURANCE RATING:	72%	**VERS. PROTOCOL CHEM:**	4.3
ISSUE DATE:	16/10/2023	**EXPIRATION DATE:**	16/10/2024

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 4.3

CHEM

Leomaster 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.

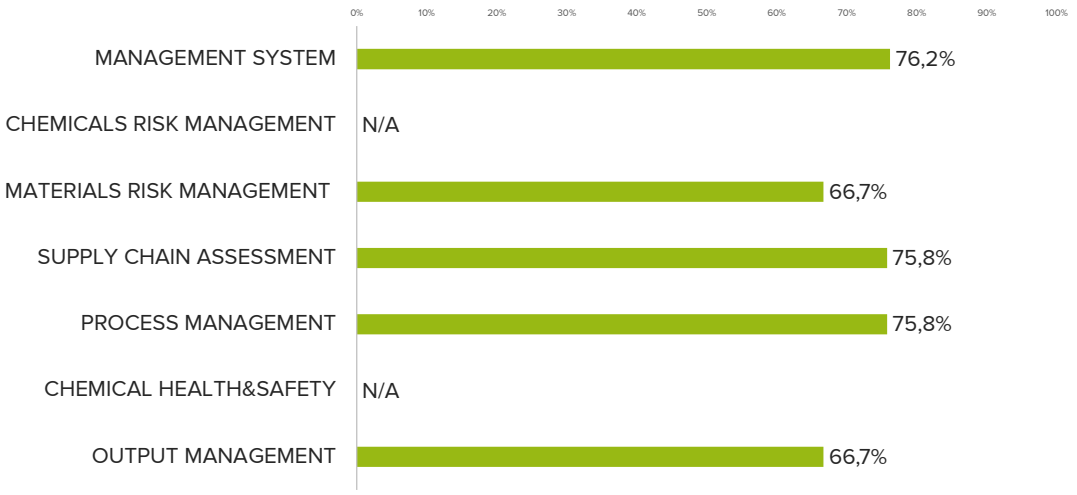
Supply Chain assessment
Evaluating the company's supply chain management and assessment. The verified requirements measure the mapping activity, qualification, engagement, training and monitoring of subcontractors and material suppliers and all the procedures in place.

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.

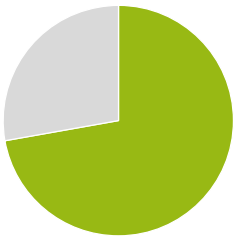
Chemical Health&Safety
Assessing health and safety requirement linked to chemical management. The verified requirements range from labeling, handling and storage of chemical products within the factory, to emergency procedure and waste management.

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



72%

ASSURANCE DATE

11/10/2023

PROCESS FACTORY
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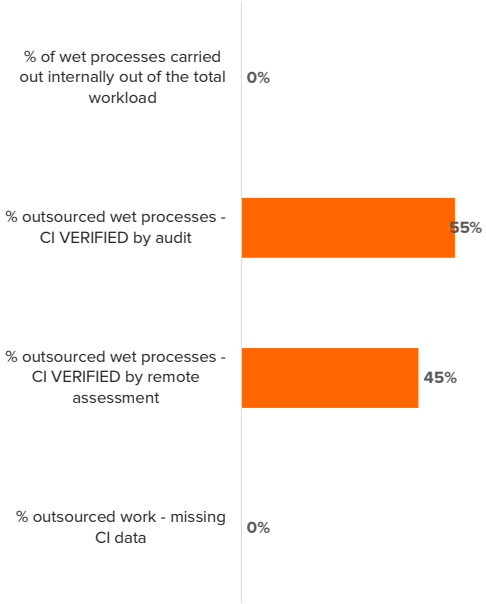
PRODUCTION MODEL

The company sells fabric.
The company does not carry out any internal process,
and outsources processes of dyeing and finishing.

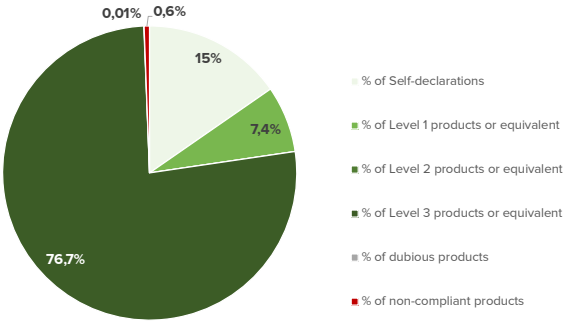
Name of Internal Chemical Manager:	Serena Cocchi
ZDHC accredited training course and date:	ZDHC CMS TIG Training - 09/06/2023

INPUT

CHEMICALS



VERIFIED CHEMICAL INVENTORY - SUPPLY CHAIN AVERAGE



The production coverage is colculated from the meters of textile wet processed by the subcontractors. For yarn dyeing a linear weight of 0,3 kg has been assumed.

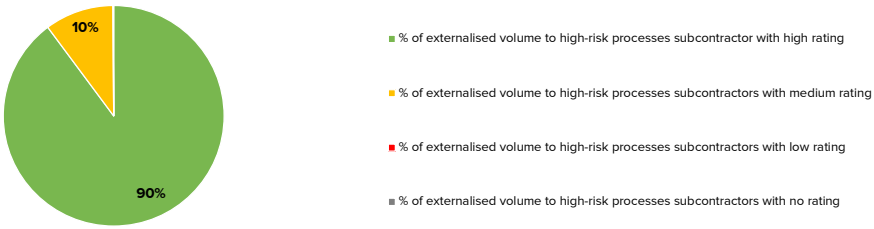
TOT n. of verified chemical inventory:	5

RAW MATERIALS

RAW MATERIALS SUPPLIERS RATING

PROCESS

CHEMICAL HIGH-RISK EXTERNAL PROCESSES SUBCONTRACTORS RATING



PROCESS FACTORY
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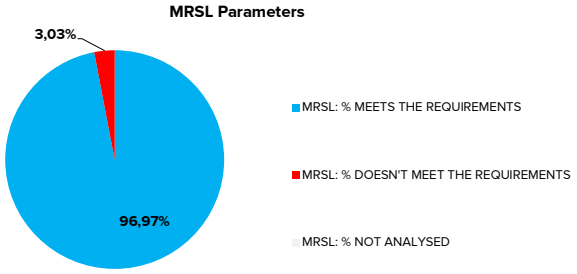
OUTPUT

EXTERNAL WASTEWATER

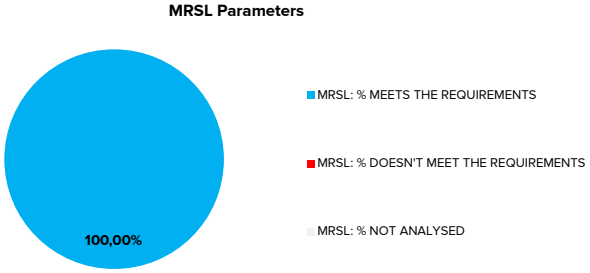
SUBCONTRACTOR 1 % OF EXTERNALISED PROCESSES: **55%**

CETP (Central Effluent Treatment Plant) - PRE TREATMENT MONITORING (Raw waste water)



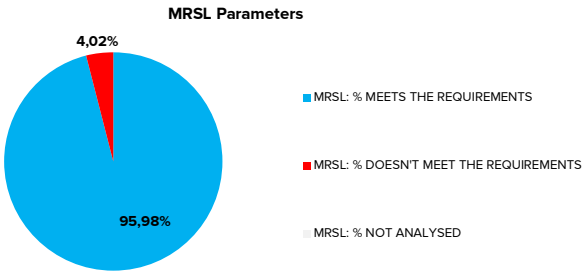
SUBCONTRACTOR 2 % OF EXTERNALISED PROCESSES: **18%**

CETP (Central Effluent Treatment Plant) - PRE TREATMENT MONITORING (Raw waste water)



SUBCONTRACTOR 3 % OF EXTERNALISED PROCESSES: **17%**

Internal Wastewater Treatment Plant - POST TREATMENT MONITORING



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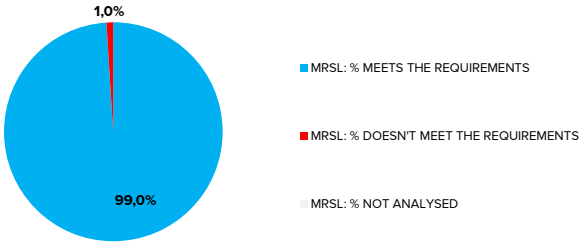
SUBCONTRACTOR 4 % OF EXTERNALISED PROCESSES: **10%**

Internal Wastewater Treatment Plant - POST TREATMENT MONITORING

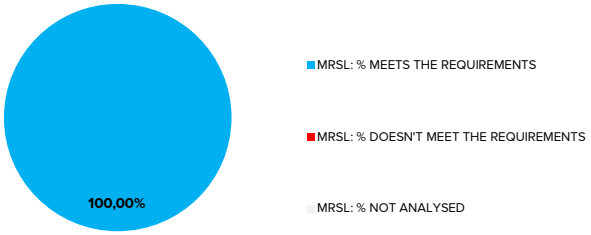
MRSL Parameters



SUBCONTRACTOR 5 % OF EXTERNALISED PROCESSES: **0,1%**

CETP (Central Effluent Treatment Plant) - PRE TREATMENT MONITORING (Raw waste water)

MRSL Parameters



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