4sustainability® is the Process Factory mark highlighting the adherence of textile and fashion & luxury companies to the sustainability roadmap. The implementation of each roadmap initiative is verified and measured annually based on a structured protocol of activities.

Pecci Filati s.p.a.
has joined the 4sustainability® Commitment
and applies the Chemical Management Protocol
for eliminating toxic and harmful substances in production
through the ZDHC MRSL.

IMPLEMENTATION LEVEL

AUDIT DATE: 02/03/2021   **VALID UNTIL:** 31/12/2022

Rilasciato da Francesca Rulli (CEO)
Process Factory s.r.l.
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CHEM

PROTOCOL REQUIREMENTS of 4SUSTAINABILITY CHEMICAL MANAGEMENT

1. Management system for the MRSL implementation
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, to the adoption of the ZDHC MRSL and recognized certification standards, as well as to the definition of reduction targets and monitoring of over-time performance.

2. Suppliers management
Assessing the company's supply chain management. The verified requirements measure the mapping activity, qualification, involvement, training and monitoring of suppliers. Furthermore it oversees the correct functioning of the procedures aimed at ensuring the choice of raw materials/chemicals/processes only from qualified suppliers.

3. Raw materials management
Assessing the management and control system of incoming raw materials and their compliance level with 4sustainability PRSL, as a tool for reducing the risk of incoming contamination in the production process.
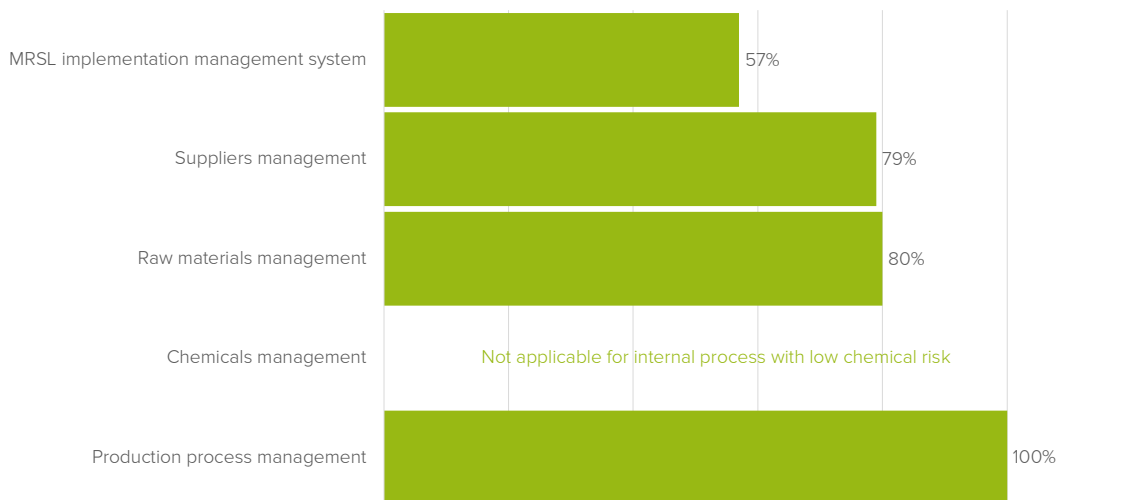
4. Chemical product management
Assessing chemicals management within the factory. The verified requirements measure the level of guaranteed traceability, the qualification level of the chemical products with the ZDHC MRSL (through positive lists, certifications, ZDHC Gateway and testing), the results obtained from the waste water as well as the correct identification, handling and products storage.
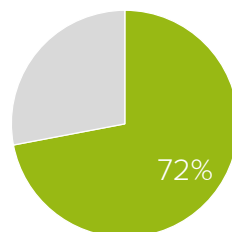
5. Production process management
Assessing the production processes management and traceability. The verified requirements measure the correct functioning of the internal traceability system and its digitalization. Moreover the correct monitoring of output contamination from the production process is verified. It included product due-diligence and wastewater tests in order to monitor any sub-contractors, according to ZDHC Guidelines.

Envirnomental, health and safety profile : 4sustainability protocol does not provide a direct verification of the legal requirements defined by current environmental, health and safety regulations. It requires the company to complete a questionnaire for a compliance self-declatarion (available on request).

REQUIREMENT LEVEL OF IMPLEMENTATION - 4S CM PROTOCOL

- MRSL implementation management system: 57%
- Suppliers management: 79%
- Raw materials management: 80%
- Chemicals management: Not applicable for internal process with low chemical risk
- Production process management: 100%

TOTAL IMPLEMENTATION LEVEL:

72%

AUDIT DATE: 02/03/2021

PROCESS FACTORY
sustainable business makers

PRODUCTION MODEL

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

Name of Internal Chemical Manager:	Roberta Pecci (RPecci@pecci.it)
ZDHC accredited training course and date:	Intro to CM (18-19/10/2018); Top 10 Issue (17-18-19/11/2020)

INPUT

CHEMICALS

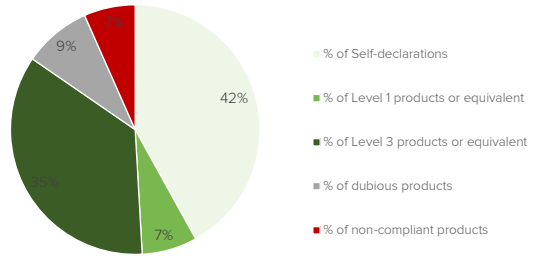% outsourced wet processes - CI VERIFIED by remote assessment — 5%

% outsourced wet processes - CI VERIFIED by audit — 90%

% of outsourced work - missing CI data — 5%

*the production coverage is calculated from the kg wet processed by the subcontractors.

VERIFIED CHEMICAL INVENTORY - SUPPLY CHAIN AVERAGE

- % of Self-declarations — 42%
- % of Level 1 products or equivalent — 7%
- % of Level 3 products or equivalent
- % of dubious products — 9%
- % of non-compliant products

TOT n. of verified chemical inventory:	4

RAW MATERIALS

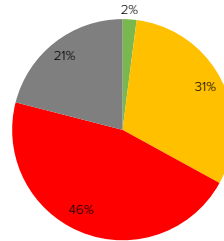**LOW-RISK RAW MATERIALS SUPPLIERS RATING**
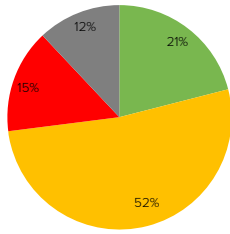
- % of purchases made from low-risk raw material suppliers with high rating — 21%
- % of purchases made from low-risk raw material suppliers with medium rating — 52%
- % of purchases made from low-risk raw material suppliers with low rating — 15%
- % of purchases made from low-risk raw material suppliers no rating — 12%

HIGH-RISK RAW MATERIALS SUPPLIERS RATING

- % of purchases made from high-risk raw material suppliers with high rating — 2%
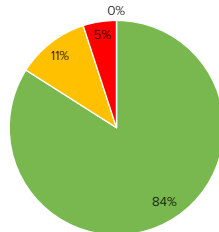- % of purchases made from high-risk raw material suppliers with medium rating — 31%
- % of purchases made from high-risk raw material suppliers with low rating — 46%
- % of purchases made from high-risk raw material suppliers no rating — 21%

PROCESS

CHEMICAL HIGH-RISK EXTERNAL PROCESSES SUBCONTRACTORS RATING

- % of externalised volume to high-risk processes subcontractor with high rating — 84%
- % of externalised volume to high-risk processes subcontractors with medium rating — 11%
- % of externalised volume to high-risk processes subcontractors with low rating — 5%
- % of externalised volume to high-risk processes subcontractors with no rating — 0%
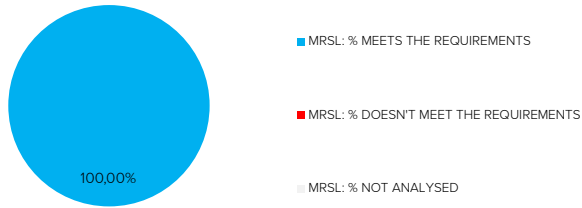
OUTPUT

SUBCONTRACTOR 1   % OF EXTERNALISED PROCESSES: 69%

CETP (Central Effluent Treatment Plant)

MRSL Parameters - PRE-TREATMENT
(Raw Wastewater)

- MRSL: % MEETS THE REQUIREMENTS
- MRSL: % DOESN'T MEET THE REQUIREMENTS
- MRSL: % NOT ANALYSED

100,00%

SUBCONTRACTOR 2   % OF EXTERNALISED PROCESSES: 11%

CETP (Central Effluent Treatment Plant)

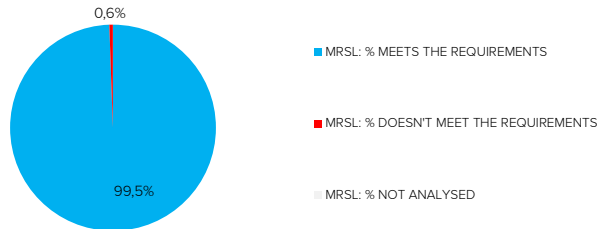*Data not available. Data evaluation in progress.*

SUBCONTRACTOR 3   % OF EXTERNALISED PROCESSES: 10%

CETP (Central Effluent Treatment Plant)

MRSL Parameters - PRE-TREATMENT
(Raw Wastewater)

0,6%

- MRSL: % MEETS THE REQUIREMENTS
- MRSL: % DOESN'T MEET THE REQUIREMENTS
- MRSL: % NOT ANALYSED

99,5%

PROCESS FACTORY
sustainable business makers

4s REPORT CM 3.0
2020 IMPLEMENTATION KPIs
Pecci Filati s.p.a.

CHEM

4s Chemical Management KPIs	basic	advanced	excellence
TOTAL IMPLEMENTATION LEVEL	< 60%	60% ≤ x < 90%	≥ 90%
MANAGEMENT COMMITMENT	LOW • Meeting with the management for integration in the company strategy	MEDIUM • Meeting with the management for integration in the company strategy • Adequate resources assignment	HIGH • Meeting with the management for integration in the company strategy • Adequate resources assignment • Integration in sustainability comunication
TRAINING AND INFORMATION	• One ZDHC training for the Chemical Manager • Information to the staff on Chemical Management commitments	• At least one ZDHC training in the past two years for the Chemical Manager •At least 2 sessions per year of internal training on CM to the organizational units involved	• At least one ZDHC training in the past two years for the Chemical Manager •At least 2 sessions per year of internal training on CM to the organizational units involved • Training sessions for strategic stakeholders
COVERAGE OF PRODUCTION: to which the below KPIs refer	< 50%	50 % ≤ x < 80%	≥ 80%
QUALIFICATION OF SUPPLY CHIAN'S CHEMICAL INVENTORY (average)	• Level 0 or equivalent ≥ 80% • Data collected through remote assessment	• Level 0 or equivalent ≥ 90% • Level 1/2/3 or equivalent ≥ 25% • Data collected through remote assessment and audit/report 4s/baseline Inckeck • Data referring to consumed formulations	• Level 0 or equivalent > 98% • Level 1/2/3 or equivalent ≥ 75% • Verified through audit or 4sustainability report or baseline Incheck • Data referring to consumed formulations
WASTEWATER TESTING	• Testing required by EU country legislation or 1 Clearstream in the past two years	• At least 1 Clearstream and Root Cause Analysis	• Wastewater analysis through ZDHC Guideline with Root Cause Analysis formalized and published on Gateway
PRODUCTION TRACEABILITY	• Production traceability without traceability of the formulations batch • Verified through remote assessment	• Production traceability including traceability of the formulations batch for at least part of the processes • Verified through assessment and 4s audit/report	• Production traceability including the traceability of formulations batch for all the processes • Verified through audit/report 4s

* The cells referring to the requirements are colored green.

** The KPI table is subject to periodic updating based on the evolution of the 4sustainability protocol.