



4s Abstract Report Chem

versione 5.0



AZIENDA

Filatura Papi Fabio S.p.A.

DATA DI ASSURANCE

16/03/2026

NOMINATIVO VERIFIER

Michael Massaro



ABSTRACT

4s Assurance Report Chemical Management
Version 5.0

Filatura Papi Fabio 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 v.3.1, 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. Moreover it includes processe due-diligence tests in order to monitor contamination on the products.

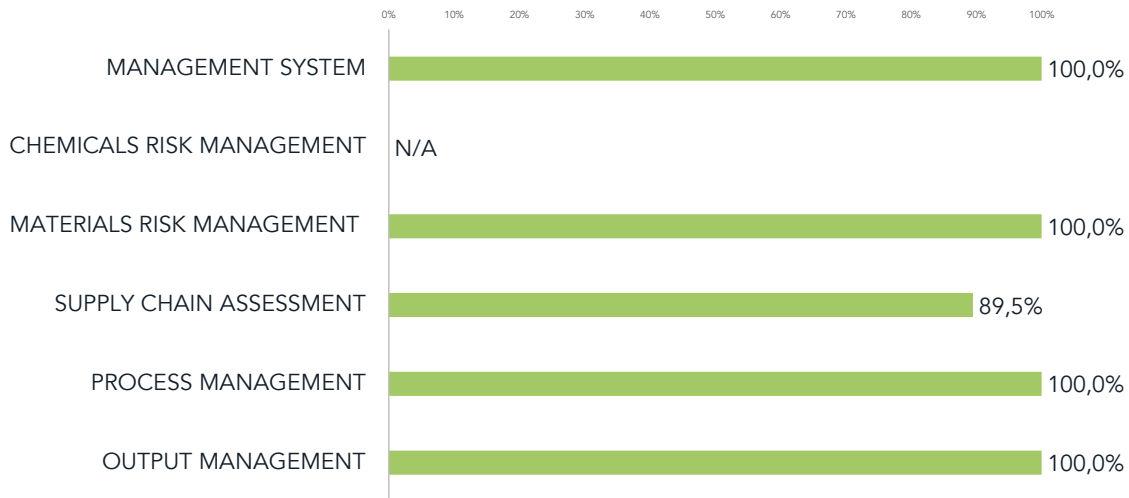
Chemical Health&Safety

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.

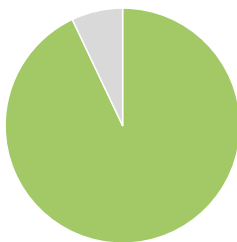
Output Management

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

4S REQUIREMENT - IMPLEMENTATION LEVEL



ASSURANCE RATING



93%

ASSURANCE DATE

16/03/2026

PRODUCTION MODEL

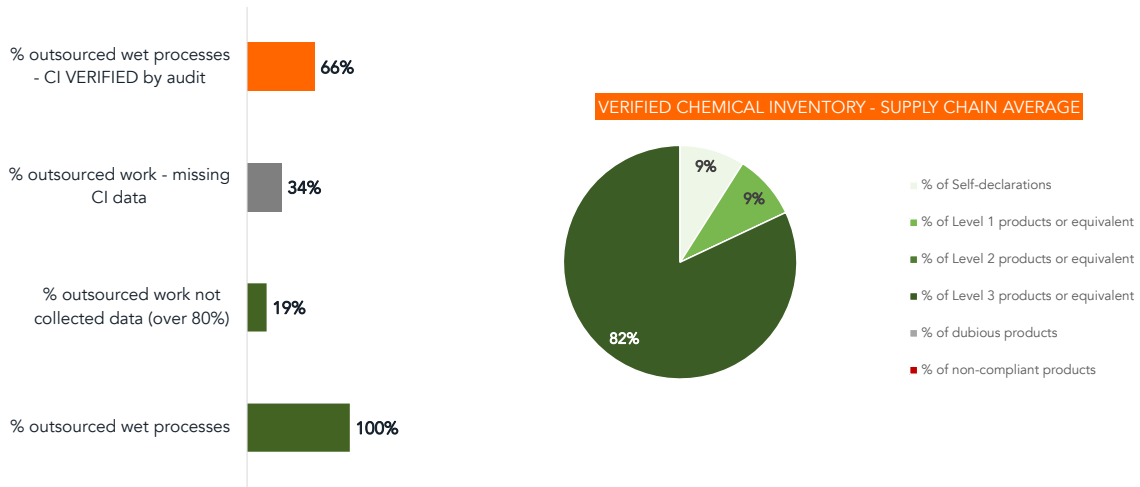
The company manufactures and sells yarn.
The company carries out internal processes of spinning,
and outsources processes of dyeing.

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

Cristiano Dalla, Mattia Palmerini
ZDHC CMS TIG Training - 16/07/2025

INPUT

CHEMICALS vs MRSL ZDHC v. 3.1



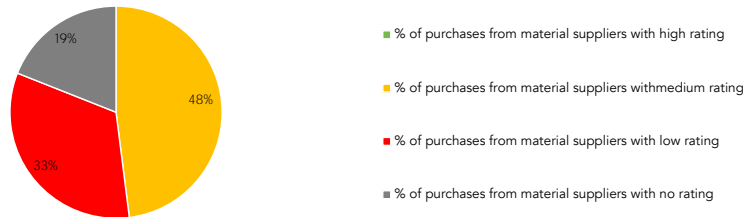
The production coverage is calculated from the kg of textile wet processed by the subcontractors.

TOT n. of verified chemical inventory:

1

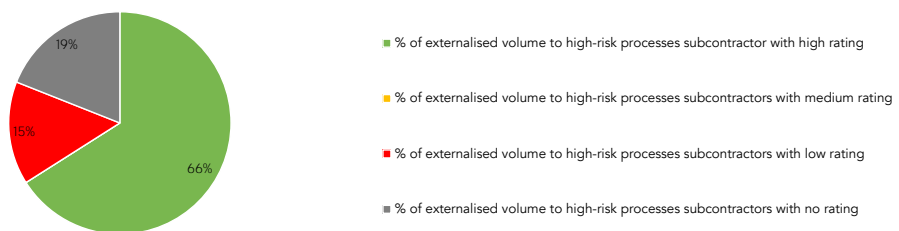
RAW MATERIALS

RAW MATERIALS SUPPLIERS RATING



PROCESS

CHEMICAL HIGH-RISK EXTERNAL PROCESSES SUBCONTRACTORS RATING



OUTPUT

SUBCONTRACTOR 1

% OF EXTERNAL WORKLOAD: **66%**

Indirect Discharge without Pre-Treatment (CETP - Central Effluent Treatment Plant)

WW Testing performed yearly: **1**

Conventional and Anions

N/A

- % ASPIRATIONAL
- % PROGRESSIVE
- % FOUNDATIONAL
- % ALERT
- % NOT ANALYSED

MRSL



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

Metals



- % ASPIRATIONAL
- % PROGRESSIVE
- % FOUNDATIONAL
- % ALERT
- % NOT ANALYSED

SLUDGE

N/A