



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.

# GRUPPOCINQUE®

ALCHEMY OF ITALIAN HEARTS AND FABRIC

Gruppocinque 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-100300		
ASSURANCE RATING:	88%	VERS. PROTOCOL CHEM:	4.3
ISSUE DATE:	06/11/2023	EXPIRATION DATE:	06/11/2024

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 4.3



Gruppocinque 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 pause 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 process due-diligence tests in order to monitor contamination on the products.

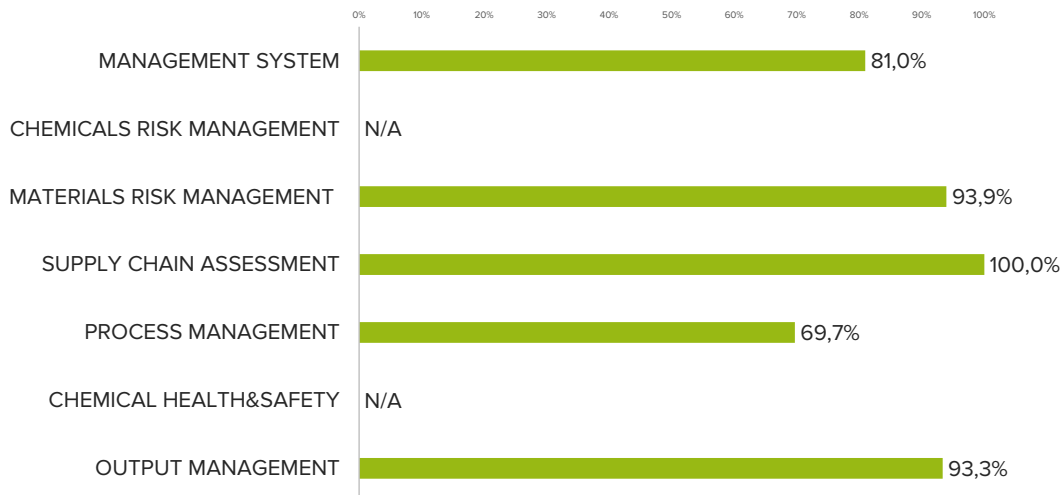
### Chemical Health&Safety

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 Guidelines. for internal and external processes and final product testing.

## 4S REQUIREMENT - IMPLEMENTATION LEVEL



## ASSURANCE RATING



88%

## ASSURANCE DATE

16/10/2023

## PRODUCTION MODEL

The company manufactures and sells yarn/fabric.  
The company does not carry out any internal process,  
and outsources processes of dyeing, printing, finishing, quality control.

Name of Internal Chemical Manager:

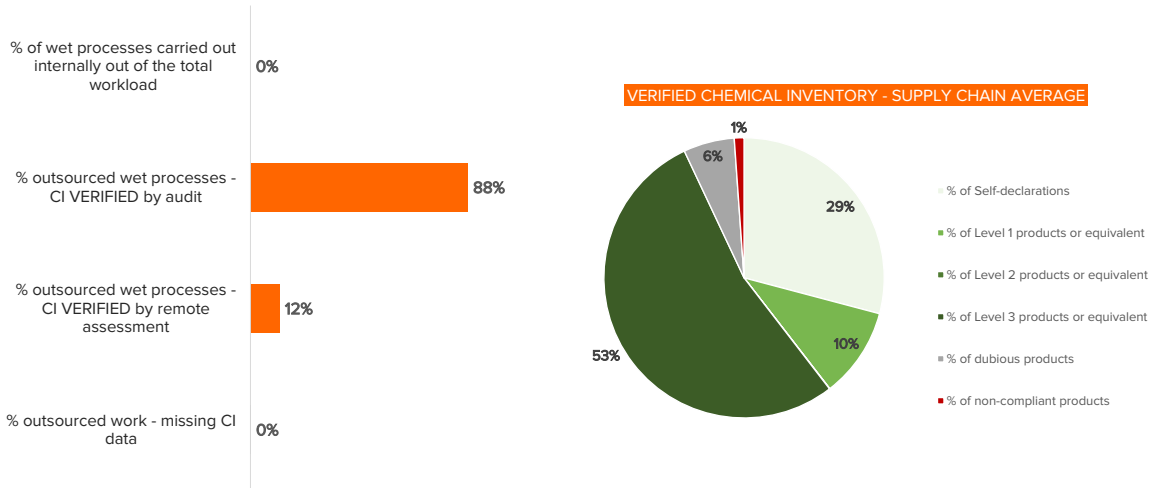
Pietro Nova

ZDHC accredited training course and date:

Top 10 Issues & Best Practices - 15/03/2022

## INPUT

### CHEMICALS



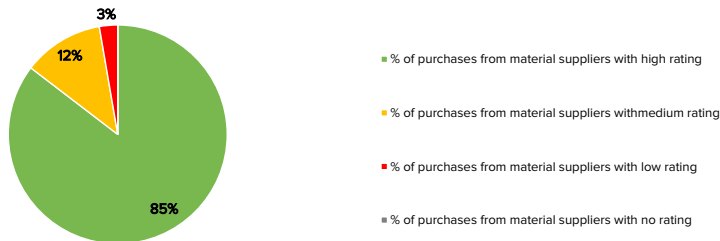
The production coverage is calculated from the meters of textile wet processed by the subcontractors. For yarn dyeing a linear weight of XXXX kg has been assumed.

TOT n. of verified chemical inventory:

7

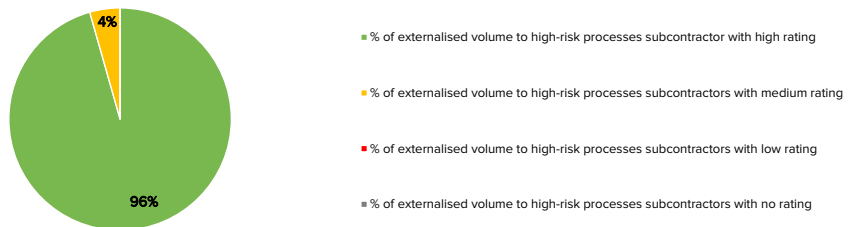
### RAW MATERIALS

#### RAW MATERIALS SUPPLIERS RATING



## PROCESS

#### CHEMICAL HIGH-RISK EXTERNAL PROCESSES SUBCONTRACTORS RATING



**PROCESS FACTORY**  
sustainable business makers

# OUTPUT

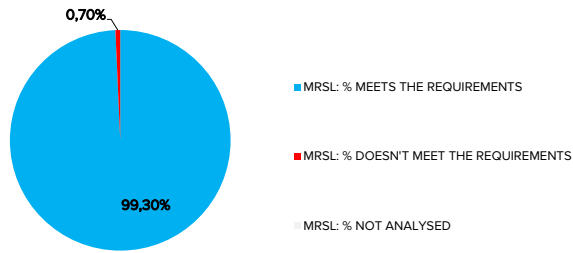
## EXTERNAL WASTEWATER

### SUBCONTRACTOR 1

% OF EXTERNALISED PROCESSES: **31%**

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

#### MRSL Parameters

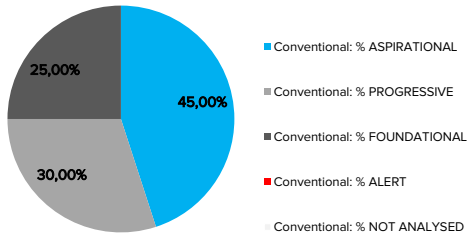


### SUBCONTRACTOR 2

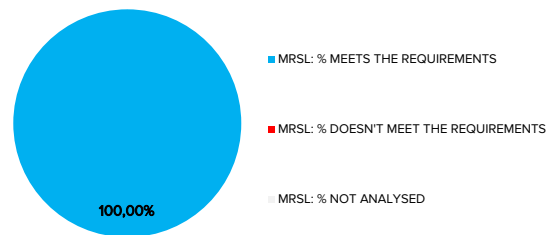
% OF EXTERNALISED PROCESSES: **27%**

Internal Wastewater Treatment Plant - POST TREATMENT MONITORING

#### Conventional Parameters



#### MRSL Parameters

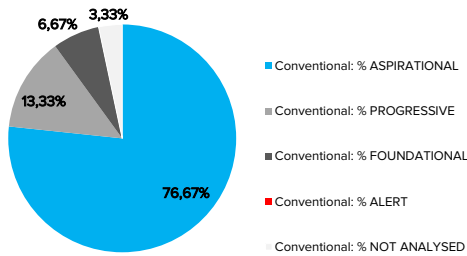


### SUBCONTRACTOR 3

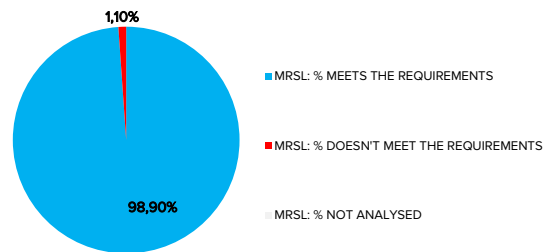
% OF EXTERNALISED PROCESSES: **7%**

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

#### Conventional Parameters



#### MRSL Parameters

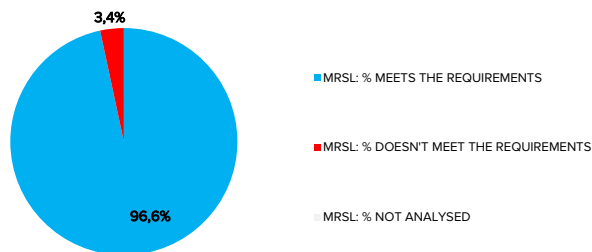


### SUBCONTRACTOR 4

% OF EXTERNALISED PROCESSES: **4%**

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

#### MRSL Parameters

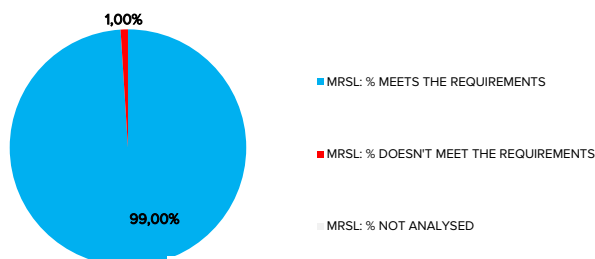


### SUBCONTRACTOR 5

% OF EXTERNALISED PROCESSES: **3%**

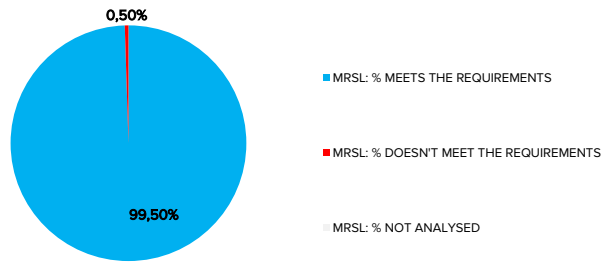
CETP (Central Effluent Treatment Plant) - PRE TREATMENT MONITORING (Raw waste water)

#### MRSL Parameters



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

MRSLS Parameters





Supplier  
to Zero

By ZDHC



# Acknowledgement of Completion

Based on supplier self-evaluation,  
this document acknowledges

# GRUPPO CINQUE SPA

has successfully completed Supplier to Zero (Foundational Level) on  
12.04.2023\*

Frank Michel  
ZDHC  
Executive Director

3045-3262-7E9

Document Control Number