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.



Bellandi 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-100109 |
| **ASSURANCE RATING:** | 72% |
| **ISSUE DATE:** | 06/02/2023 |

| | |
|---|---|
| **VERS. PROTOCOL CHEM:** | 4.2 |
| **EXPIRATION DATE:** | 06/02/2024 |

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 4.2

### Bellandi 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.
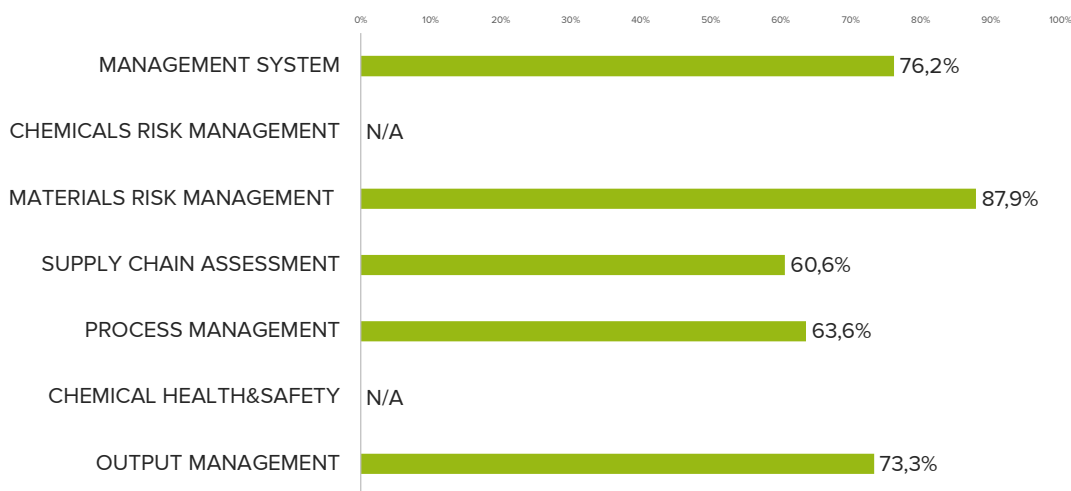
**Chemical Health&Safety**
Assessing health and safety requirement linked to chemical management. The verified requirements range from labeling, handling and storage of chemical products within the factory, to emergency procedure and waste management.
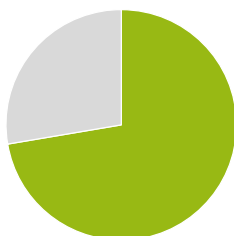
**Output Management**
Evaluating the company managament of process output. The verified requirements range from legal permission for emission to the control of waste water according to ZDHC Guidelines. for internal and external processes and final product testing.

## 4S REQUIREMENT - IMPLEMENTATION LEVEL

| Requirement | Implementation Level |
|---|---|
| MANAGEMENT SYSTEM | 76,2% |
| CHEMICALS RISK MANAGEMENT | N/A |
| MATERIALS RISK MANAGEMENT | 87,9% |
| SUPPLY CHAIN ASSESSMENT | 60,6% |
| PROCESS MANAGEMENT | 63,6% |
| CHEMICAL HEALTH&SAFETY | N/A |
| OUTPUT MANAGEMENT | 73,3% |

## ASSURANCE RATING

**72%**

## ASSURANCE DATE

25/01/2023

## PRODUCTION MODEL

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

| | |
|---|---|
| **Name of Internal Chemical Manager:** | Filippo Mancini e Ivan Alllori |
| **ZDHC accredited training course and date:** | Introduction to Chemical Management ZDHC (8-10/11/2021) per entrambi i CM |

## INPUT

### CHEMICALS

% of wet processes carried out internally out of the total workload: **0%**
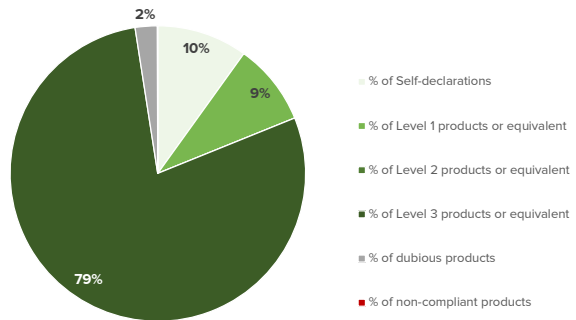
% outsourced wet processes - CI VERIFIED by audit: **23%**

% outsourced wet processes - CI VERIFIED by remote assessment: **52%**

% outsourced work - missing CI data: **25%**
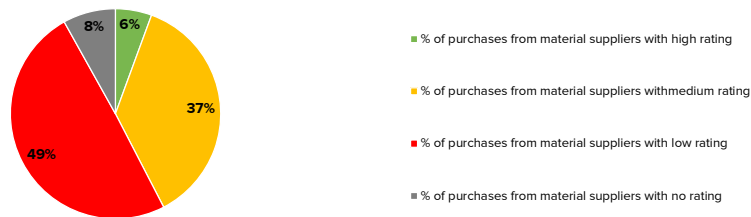
**VERIFIED CHEMICAL INVENTORY - SUPPLY CHAIN AVERAGE**



- % of Self-declarations
- % of Level 1 products or equivalent
- % of Level 2 products or equivalent
- % of Level 3 products or equivalent
- % of dubious products
- % of non-compliant products

Pie chart values: 2%, 10%, 9%, 79%

| TOT n. of verified chemical inventory: | 6 |
|---|---|

### RAW MATERIALS

**RAW MATERIALS SUPPLIERS RATING**



Pie chart values: 6%, 37%, 49%, 8%

- % of purchases from material suppliers with high rating
- % of purchases from material suppliers with medium rating
- % of purchases from material suppliers with low rating
- % of purchases from material suppliers with no rating

## PROCESS

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



Pie chart values: 75%, 21%, 4%

- % of externalised volume to high-risk processes subcontractor with high rating
- % of externalised volume to high-risk processes subcontractors with medium rating
- % of externalised volume to high-risk processes subcontractors with low rating
- % of externalised volume to high-risk processes subcontractors with no rating
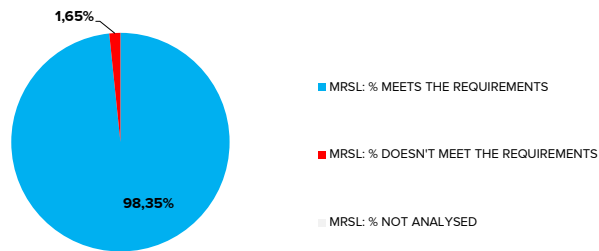
**PROCESS FACTORY**
sustainable business makers
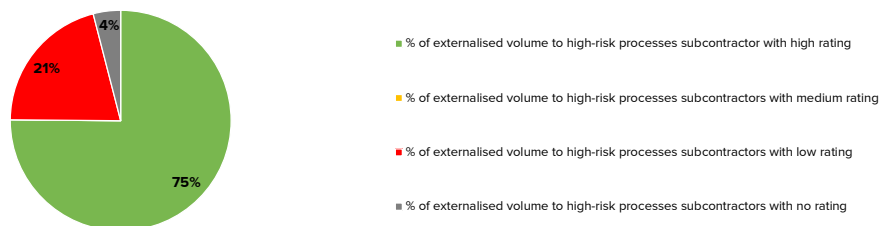
**SUBCONTRACTOR 1**  % OF EXTERNALISED PROCESSES: **27%**

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

### MRSL Parameters

1,65%

98,35%

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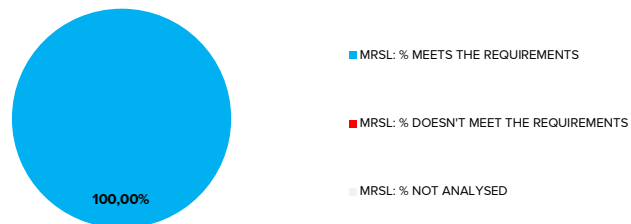- MRSL: % DOESN'T MEET THE REQUIREMENTS
- MRSL: % NOT ANALYSED

**SUBCONTRACTOR 2**  % OF EXTERNALISED PROCESSES: **24%**

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

### MRSL Parameters

100,00%

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

**SUBCONTRACTOR 3**  % OF EXTERNALISED PROCESSES: **13%**

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

### MRSL Parameters

100,00%

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

**PROCESS FACTORY**
sustainable business makers
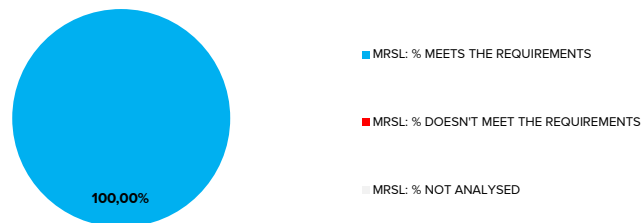
**SUBCONTRACTOR 4**                                           % OF EXTERNALISED PROCESSES: **3%**

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

### MRSL Parameters

0,6%

- ■ MRSL: % MEETS THE REQUIREMENTS

- ■ MRSL: % DOESN'T MEET THE REQUIREMENTS

99,5%
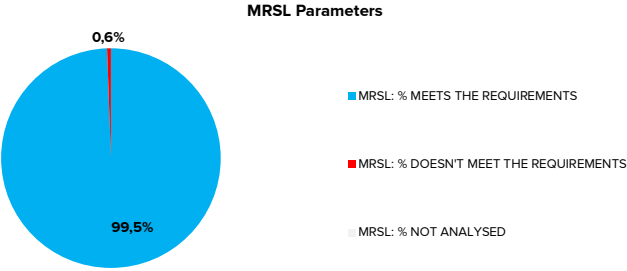
- MRSL: % NOT ANALYSED


**SUBCONTRACTOR 5**                                           % OF EXTERNALISED PROCESSES: **3%**

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

### MRSL Parameters

1,10%

- ■ MRSL: % MEETS THE REQUIREMENTS

- ■ MRSL: % DOESN'T MEET THE REQUIREMENTS

98,90%

- MRSL: % NOT ANALYSED
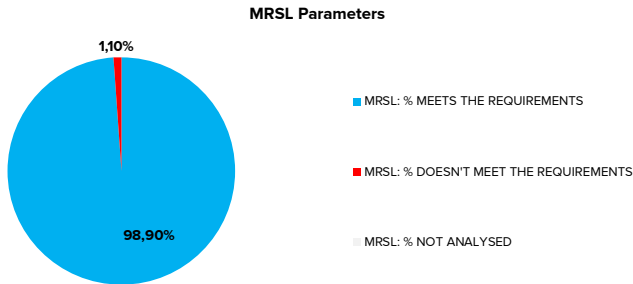

**SUBCONTRACTOR 6**                                           % OF EXTERNALISED PROCESSES: **2%**

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

### MRSL Parameters

0,55%

- ■ MRSL: % MEETS THE REQUIREMENTS

- ■ MRSL: % DOESN'T MEET THE REQUIREMENTS

99,45%

- MRSL: % NOT ANALYSED


**PROCESS FACTORY**
sustainable business makers