

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.



Lanificio Bigagli Spa 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. ASSURANCE RATING:

Via A. Da Noli, 4/6 - 50127 Firenze

**ISSUE DATE:** 

Process Factory s.r.l.

CF/P.IVA: 058052004

Issue by:

4S-100092 87% 07/03/2022

VERS. PROTOCOL CHEM: EXPIRATION DATE:

4.0 06/03/2023



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# ABSTRACT

# 4s Assurance Report Chemical Management

Version 4.0



# Lanificio Bigagli Spa

## **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.

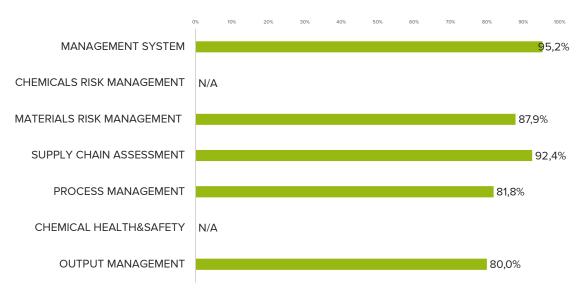
#### Chemical Health&Safety

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**

# ASSURANCE DATE

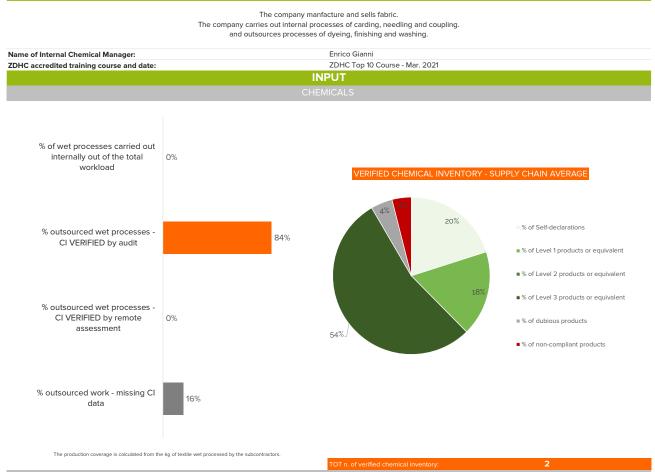
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# **PRODUCTION MODEL**



RAW MATERIALS SUPPLIERS RATING



PROCESS

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

