



**OEKO-TEX®**  
INSPIRING CONFIDENCE

## **OEKO-TEX® certification quality and sustainability**

RawAssembly X Mindful Fashion NZ

Kate Barry  
TESTEX on behalf of the  
OEKO-TEX® Association

11/11/2021

# THIS IS OEKO-TEX®

The International Association for Research and Testing in the Field of Textile and Leather Ecology



# TESTEX – OVER THE YEARS



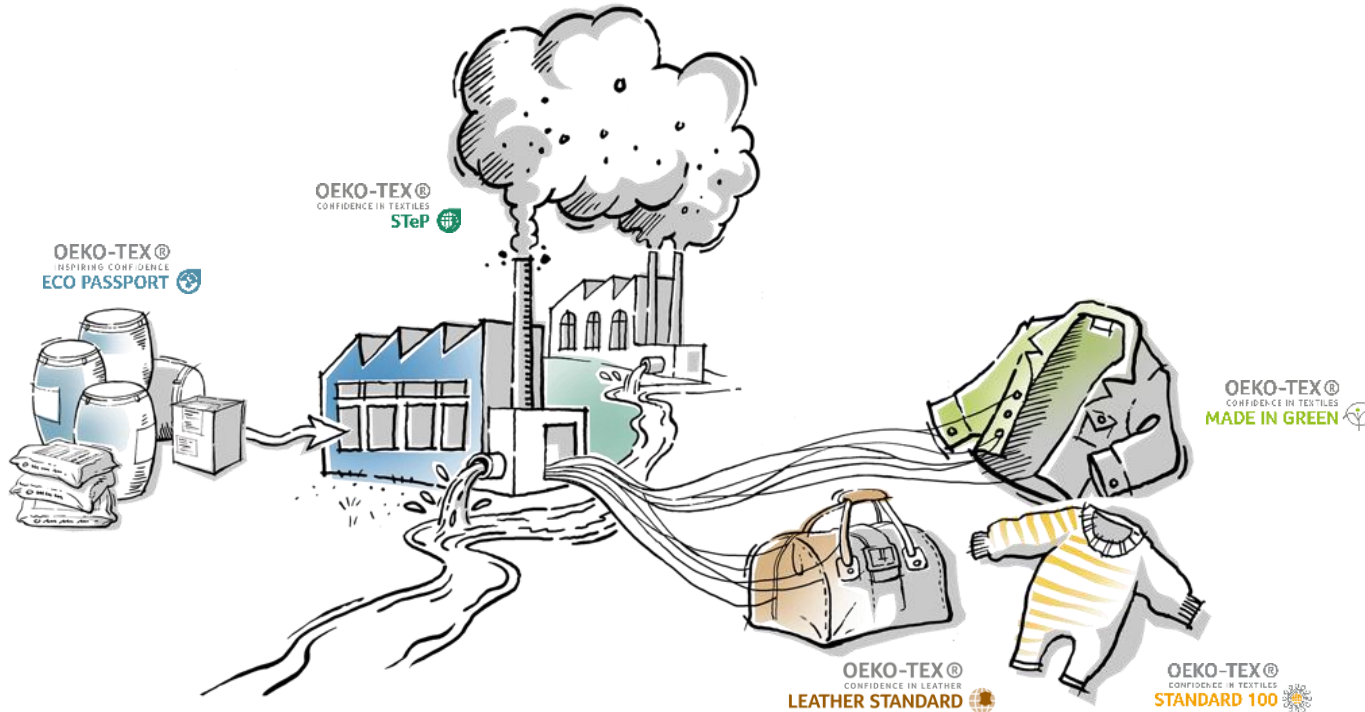
# WHAT WE DO

## MODULAR TOOLS FOR SUSTAINABILITY AND PRODUCT SAFETY

INPUT CONTROL

PROCESS CONTROL

OUTPUT CONTROL



# Number of Issued Certificates & License's in 2021

(20 Apr 2021)



**13 countries**   **36 countries**   **107 countries**   **31 countries**



# ANNUAL ASSESSMENT BASED ON INTERNATIONAL REQUIREMENTS & MARKET DEMANDS



The Proposition 65 List



SVHC Candidate List



# STANDARD 100 BY OEKO-TEX® COMPREHENSIVE, RELIABLE, INDEPENDENT.





## STANDARD 100 by OEKO-TEX®

- Protects consumers from **harmful substances** in textiles
- Globally standardised, **independent and objective testing** and certification system for harmful substances in textiles
- System which can identify and **eliminate the sources of problematic substances** at every production stage along the textile chain



# STANDARD 100 by OEKO-TEX® - THE MODULAR SYSTEM



**Raw materials,  
fibres, filaments**



**Yarns, raw and  
refined**



**Textile fabric, raw  
and processed**



**Finished products**



**Textile and non-  
textile accessories**



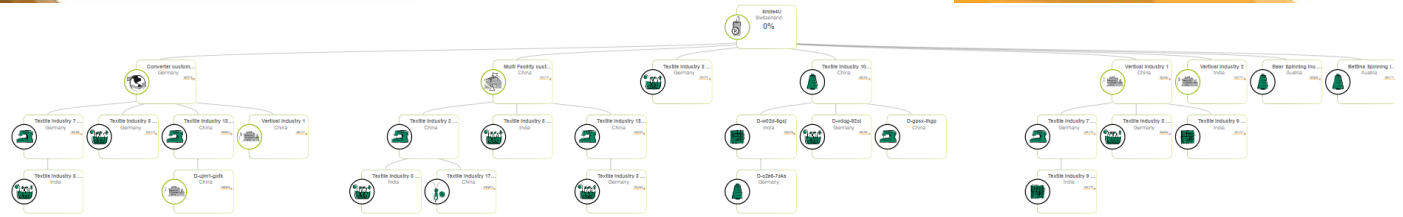
The product certification according to STANDARD 100 by OEKO-TEX® is a modular system. Textile articles can be inspected and certified at every stage of the manufacturing process (including accessories).

# WHAT MAKES THE MODULAR SYSTEM TICK

Items can be tested and certified at any processing stage

## Advantages:

- ✓ Every component of finished textile product can be certified individually
- ✓ Distribution of certification costs across all production phases
- ✓ Reliable relationships between suppliers
- ✓ Quick processing
- ✓ Cost reduction due to the avoidance of multiple tests



# LABELLING FINISHED GOODS WITH STANDARD 100 BY OEKO-TEX®

## Scenario 1 – Garment Factory Applying for Standard 100 Certificate All Components of the Garment are Pre-certified

### Wet Processing involved in Garment Factory?

- If there is **no wet or chemical process** involved in the making up of the garment (only Cut & Sewn), **no testing** will be involved in the garment certification process.



#### SEWING THREAD



#### FABRIC



#### LABEL



#### LINING



#### ZIPPER



# LABELLING FINISHED GOODS WITH STANDARD 100 BY OEKO-TEX®

## Scenario 2 – Garment Factory Applying for Standard 100 Certificate

ONE or TWO components of the garment are NOT pre-certified

▪ If there is **no wet or chemical process** involved in the making up of the garment (only Cut & Sewn), **no testing** will be involved in the garment certification process.



▪ In this case, if one of the components are **not pre-certified**, and if you want to certify the garment in short time, **testing on the zipper can be requested by the garment factory**, certificate can be issued if all tests pass.

### SEWING THREAD



### FABRIC



### LABEL



### LINING



### ZIPPER



Testing is needed







## TESTING OF ORGANIC COTTON TEXTILES FOR GENETICALLY MODIFIED ORGANISMS (GMO)

- The test for genetically modified organisms (GMO) is required if the test sample consists of organic cotton or contains corresponding shares thereof and if the applicant wishes the article to be listed on the certificate as “organic”.
- If products are made from conventionally manufactured cotton, the test can be carried out on request.

# RECYCLED MATERIALS

- Due to the special challenges posed by recycled materials a new set of rules has been introduced in the certification process.
- These **special rules** are
  - a minimum amount of recycled content (20% of the main textile component)
  - different test programs depending on the origin of the material
  - additional background information.
- Certificates with recycled materials are split from the main certificates.

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**



00000000 Institute

Tested for harmful substances.  
[www.oeko-tex.com/standard100](http://www.oeko-tex.com/standard100)

OEKO-TEX®  
INSPIRING CONFIDENCE

**REDUCE | REUSE | REPAIR | RECYCLE**

The 4 R's should guide our purchasing decisions towards more sustainability. OEKO-TEX® tests recycled material for harmful substances to protect you, your family and our planet. Trust & Safety – STANDARD 100 by OEKO-TEX®.

# STANDARD 100 by OEKO-TEX® - PRODUCT CLASSES



## PRODUCT CLASS

I

Articles for babies  
and children up to  
age 3

(underwear, babygrow,  
garment, bed linen, home  
textiles, etc.)



## PRODUCT CLASS

II

Textiles of all kinds  
in direct contact  
with skin

(underwear, bed linen,  
t-shirts, stockings etc.)



## PRODUCT CLASS

III

Textiles of all kinds  
with no direct  
contact with skin

(jackets, etc.)



## PRODUCT CLASS

IV

Furnishing materials  
for decorative  
purposes

(curtains, tablecloths, etc.)



# STANDARD 100 by OEKO-TEX® - CERTIFICATION PROCESS



1

## APPLICATION

Customer fills in the application form and then sends it to the certifying institute, including the declaration of conformity and test material



2

## VERIFICATION OF APPLICATION

Checking of application, declaration of conformity and sample material



3

## DEFINE & MEASURE

Definition of the testing scope and measurement parameters and consecutively, the institute verifies textiles in laboratories



5

## ON-SITE VISIT

Verification and evaluation of factory



6

## CERTIFICATION

Institute delivers the STANDARD 100 certificates and documents

TESTEX AG, SWISS TEXTILE TESTING INSTITUTE  
 GOTTHARDSTRASSE 61  
 POSTFACH 2156  
 8002 ZÜRICH, SWITZERLAND

**OEKO-TEX®**  
 CONFIDENCE IN TEXTILES

# CERTIFICATE

**The company**

**Johann Müller AG**  
**TEXTILVEREDLUNG**  
 Brittnauerstrasse 58 Postfach 96  
 4802 Strengelbach AG  
 Switzerland



is granted authorisation according to STANDARD 100 by OEKO-TEX®  
 to use the STANDARD 100 by OEKO-TEX® mark, based on our test  
 report **ZH050 145968.1**

**for the following articles:**

**Commission dyeing and finishing:**  
 Dyed yarns, ply yarns and fabrics made of protein fibres like wool & silk, cellulosic fibres like cotton, linen, viscose,  
 and polyamide, polyester, polyacrylic and their mixtures (partly finished with biological active products accepted by  
 OEKO-TEX®)

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Appendix 6, **product class I** have shown  
 that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently  
 established in Appendix 6 for baby articles.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the  
 American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from  
 glass) and of the Chinese standard GB 18401:2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use  
 the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The  
 conformity is verified by audits.

**The certificate DEB 16962 is valid until 15.10.2019**

Zürich, 26.10.2018

**Matz Bachmann**  
 Managing Director

**Mary Rose Egloff**  
 Customer Service Ecology Manager



Certificate scope

Requirements covered

Certificate number & validity for 1 year

**STANDARD 100 by**  
**OEKO-TEX®**  
**CERTIFICATE**



# LABEL CHECK

click here

OEKO-TEX®  
INSPIRING CONFIDENCE



Our Standards

Apply here

Label Check

Buying Guide

News

About us

Enter certifier  
or label number

Enter label number

HKD 16841



Certificate is valid



STANDARD 100 by OEKO-TEX®  
Certified according to annex 4

Productclass:

II

## Type of certified article:

Bathing costumes made of knitted fabrics in polyamide/elastane, polyester/elastane and 100% polyester, white, dyed, printed (acid, disperse and heat transfer, incl. fluorescent colours) and foil (gold or silver); including accessories (nylon or polyester knitted lining, yarn, elastic webbings, rubber tape, metal accessories [electroplated & PA coating], plastic accessories, bra wire, moulded cup, woven and printed labels) (based on material pre-certified according to STANDARD 100 by OEKO-TEX®)

A man with short dark hair, wearing a dark blue long-sleeved shirt, is looking intently at a document pinned to a wall. The document has some text and a table, with the words "ON HOLD" visible at the top. The background is a blurred office or laboratory setting with green and white tones. The overall image has a green tint.

**STeP BY OEKO-TEX®**  
**HOLISTIC, INDEPENDENT,**  
**SUCCESSFUL.**

# THE MINIMUM REQUIREMENTS



OEKO-TEX®  
INSPIRING CONFIDENCE

STeP 

411 STeP  
questions  
in total

Version 01/2021



© iStock.com / chinaface

The prerequisite for the STeP certification is the fulfilment of the minimum requirements in 6 different core modules.

# CERTIFICATION FACTS

## VALIDITY

- 3 years
- Can be renewed many times

## DURATION OF CERTIFICATION PROCESS

- Approx. 3 to 6 months
- Starting with registration, filling in and evaluation of questionnaire, audit and issuance of report and certificate
- Actual certification process depends on the individual settings and conditions of facility



## COST

### Certification

- Fee of CHF 2200.-
- Man-day CHF 770.-
- Excl. travel expenses

### Depends on

- Size of facility
- Type of operation
- Existing certifications and recognition of the same
- Specific evaluation if necessary
- Amount of already realized measures in relation to environment, H&S and social responsibility etc.

# MADE IN GREEN BY OEKO-TEX® LITTLE LABEL, BIG IMPACT.





# WHAT DOES MADE IN GREEN MEAN?



PRODUCTS MARKED WITH THE  
MADE IN GREEN LABEL ARE:

**OEKO-TEX®**  
INSPIRING CONFIDENCE  
**STANDARD 100**   
**OEKO-TEX®**  
INSPIRING CONFIDENCE  
**LEATHER STANDARD** 

MADE OF MATERIALS  
TESTED FOR HARMFUL  
SUBSTANCES

&

**OEKO-TEX®**  
INSPIRING CONFIDENCE  
**StEP** 

AND SUSTAINABLY  
PRODUCED



# SUPPLY CHAIN MANAGEMENT

## BUYING GUIDE - Online, Public, Free to Use

### OEKO-TEX® Buying Guide

Companies that want to consistently operate in a sustainable way depend on a network of suitable suppliers and reliable sources of materials. The OEKO-TEX® Buying Guide supports you in the selection of reliable cooperation partners and in the sourcing of suitable raw materials. The online directory also offers end consumers the chance to find OEKO-TEX® labelled products.

Product / Company search Trademark searches

Full text search  
button

Certifications & Services  
STANDARD 100 by OEKO-TEX®

Product level  
Product level ...

Material  
Material ...

Location  
Location ...

Appendix  
Appendix ...

Product class  
Product class ...

Start search

Logo	Company	Location	Appendix 4	Appendix 6	Tested for GMO
	A STAR BUTTONS & ACCESSORIES PRIVATE LIMITED	Hongkong Harbour City, TST, Kowloon		✓	
	A.M.F. S.p.A.	Italy 36061 Bassano del Grappa VI	✓		
	A.P. Xpress (HK) Ltd.	Hongkong Kwai Chung, Kowloon	✓	✓	
	Adifafe - Acessórios Têxteis, Lda.	Portugal 4820 - 671 Fafe	✓		
	Afroze Textile Industries (Pvt.) Ltd.	Pakistan Karachi - 75950		✓	✓

5 1 2 3 4 5 ...55

**280+ Certified Button Suppliers**

<https://www.oeko-tex.com/en/buying-guide>

## USEFUL INFORMATION

### Webpage / Links

About OEKO-TEX®	<a href="https://www.oeko-tex.com/en/">https://www.oeko-tex.com/en/</a>		
OEKO-TEX® Certificate Validity Check	<a href="https://www.oeko-tex.com/en/label-check">https://www.oeko-tex.com/en/label-check</a>		
OEKO-TEX® Buying Guide	<a href="https://www.oeko-tex.com/en/buying-guide">https://www.oeko-tex.com/en/buying-guide</a>		
MyOEKO-TEX Platform	<a href="https://my.oeko-tex.com">https://my.oeko-tex.com</a>		
Application Form	STANDARD 100 by OEKO-TEX® – Testex		
OEKO-TEX® Standard Downloads	<a href="https://www.oeko-tex.com/en/business/business_downloads/business_downloads.xhtml">https://www.oeko-tex.com/en/business/business_downloads/business_downloads.xhtml</a>		
TESTEX Contacts			
Beijing	<a href="mailto:beijing@testex.com">beijing@testex.com</a>	Manila	<a href="mailto:manila@testex.com">manila@testex.com</a>
Hong Kong	<a href="mailto:hongkong@testex.com">hongkong@testex.com</a>	Seoul	<a href="mailto:seoul@testex.com">seoul@testex.com</a>
Jakarta	<a href="mailto:jakarta@testex.com">jakarta@testex.com</a>	Shanghai	<a href="mailto:shanghai@testex.com">shanghai@testex.com</a>
Kuala Lumpur	<a href="mailto:kl@testex.com">kl@testex.com</a>	Taipei	<a href="mailto:taipei@testex.com">taipei@testex.com</a>
Melbourne	<a href="mailto:Melbourne@testex.com">Melbourne@testex.com</a>	Vancouver	<a href="mailto:Vancouver@testex.com">Vancouver@testex.com</a>

# THANK YOU VERY MUCH



providing traceable  
**product labels** for all  
kind of textiles

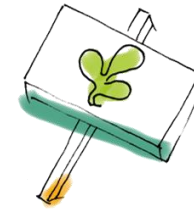


providing  
**global standards**

## Twitter, LinkedIn



**testing textiles**  
for harmful  
substances



raising **awareness**  
for sustainability



TESTEX®

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**General Manager – Australia & NZ branch**  
**TESTEX AG, Switzerland**

## Contact

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