

Yiwu Yaxing Weaving Mill Co., Ltd.  
Xufeng Industry Area, Suxi Town  
322009 Yiwu City, Zhejiang Province  
CHINA, P.R.

## Hohenstein Textile Testing Institute GmbH & Co. KG

Schloss Hohenstein  
74357 Bönningheim • Germany

### Certification Body Oeko-Tex®

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Contact person	Our ref.	Date
Alexandra Maria Urban	IX/ua/DAI/ut	15. March 2017

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## Report No. 17.0.01775

(=15.HCN.57193 ZV2)

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<b>Applicant:</b>	Yiwu Yaxing Weaving Mill Co., Ltd. Xufeng Industry Area, Suxi Town 322009 Yiwu City, Zhejiang Province CHINA, P.R.
<b>Date of order:</b>	01/09/2017
<b>Contact person:</b>	Mr Ziyang Li Tel: +86 1515 79480 90 Email: 2851286908@qq.com
<b>Receipt of order:</b>	01/12/2017
<b>Receipt of material:</b>	01/12/2017
<b>Receipt of further information:</b>	01/05/2017 Payment in advance 02/08/2017 Valid copy of supplier certificate SHYO 069620
<b>Details of order:</b>	Renewal of the certificate for textile products with the label "Confidence in textiles – Tested for harmful substances according to STANDARD 100 by OEKO-TEX®"
<b>Master no. (First certification):</b>	15.HCN.57193

*The report comprises 8 pages.*

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Our terms of business shall apply:  
[www.hohenstein.de/pdf/agb\\_e.pdf](http://www.hohenstein.de/pdf/agb_e.pdf)

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VAT REG No.
DE262079343

Hohenstein Textile Testing Institute GmbH & Co. KG • Court of Registration County Stuttgart HRA 723464 • personally liable associate: Hohenstein Verwaltungs GmbH HRB 752904 • CEO: Dr. Stefan Droste • company headquarter is Bönningheim
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For technical reasons, the Institute will allocate a new test number to each order for the renewal of a certificate. The renewed certificate will always be issued under the master number indicated in the first certification. The master number in brackets will be suffixed to the current test number of this expertise and will serve to identify the relevant product. The additional designation "ZV" with a number indicates the number of times the certificate has been renewed.

The application for renewal of the certificate was submitted using the relevant forms issued for this purpose.

The applicant enclosed the declaration of conformity.

The originals of all necessary documents have been signed with a legally binding signature.

The orderer confirmed that no biological active product is used.

Further the orderer confirmed that no flame retardant product is used.

Information is provided regarding following changes:

- Including: printed in a limited range of 6 dyestuffs.

The copies of Oeko-Tex® certificates (SHLO 071851, SHYO 032707, SHYO 069620) for the products in use were enclosed with the application.

The certificates were valid at the date of application for certification.

A list of dyestuffs and finishing auxiliaries is appended to the documents.

Exact dyeing recipes for the samples are provided by the orderer.

The application was made for the following article group:

Beach towel produced from disperse printed knitted terry fabric made of 100 % polyester (printed in a limited range of 6 dyestuffs), including accessories (sewing thread, printed label); produced by using materials certified according to STANDARD 100 by OEKO-TEX®.

The four product categories specified in STANDARD 100 by OEKO-TEX® are described as follows:

Product-class	Definition
I	<b>Products for babies</b> Products for babies in context with this standard are all articles, basic materials and accessories, which are provided for the production of articles for babies and children up to 36 months with the exception of leather clothing.
II	<b>Products with direct contact to skin</b> Skin contact articles are those which are worn with a large part of their surface in direct contact with the skin (e.g. blouses, shirts, underwear etc.).
III	<b>Products without direct contact to skin</b> No skin contact articles are those which are worn with only a little part of their surface in direct contact with the skin (e.g. stuffings, linings etc.).
IV	<b>Decoration material</b> Decoration material in context with this standard are all articles including initial products and accessories which are used for decoration such as table clothes, wall coverings, furnishing fabrics and curtains, upholstery fabrics and floor coverings.

According to the information provided by the orderer and to the specified area of use, product class II is applicable.

The test material named below was submitted for testing.

Serial No.	Description of article or material	Additional information					Material composition
		Quality	Article No.	Colour No.	Design	Colour	
1	Beach towel - main fabric	printed				base: white; print: black, white, red, yellow, blue, green	PES
1 a	Knitted terry fabric	printed				base: white; print: black, white and red	on PES
1 b	Knitted terry fabric	printed				base: white; print: yellow, blue and green	on PES
2	Beach towel - main fabric	printed				base: white; print: beige- red	PES

If only parts of certain articles were included in the tests, only these parts are named in the list of materials.

## TEST RESULT/S

Tests were carried out in accordance with STANDARD 100 by OEKO-TEX®.

The test results are given in the charts below.

Note: n.d. = not detectable (below quantification limit)

sample	pH			
2 Beach towel - main fabric base: white; print: beige-red	6,3			
<b>limit values acc. to STANDARD 100 by OEKO-TEX®</b>	product class I 4,0 – 7,5	product class II 4,0 – 7,5	product class III 4,0 – 9,0	product class IV 4,0 – 9,0

sample	formaldehyde in mg/kg (ppm)				
2 Beach towel - main fabric base: white; print: beige-red	n.d.				
<b>limit values acc. to STANDARD 100 by OEKO-TEX®</b>	<table border="1"> <tr> <td>product class I n.d.</td> <td>product class II 75</td> <td>product class III 300</td> <td>product class IV 300</td> </tr> </table>	product class I n.d.	product class II 75	product class III 300	product class IV 300
product class I n.d.	product class II 75	product class III 300	product class IV 300		

Note:

According to Japanese Law 112 "n.d." corresponds with an absorption unit < 0,05 respectively < 16 ppm.

sample	extractable heavy metals in mg/kg (ppm)								
	Sb antimony	As arsenic	Pb lead	Cd cadmium	Cr chromium	Co cobalt	Cu copper	Ni nickel	Hg mercury
1 Beach towel - main fabric base: white; print: black, white, red, yellow, blue, green	< 4	< 0,1	< 0,1	< 0,05	< 0,1	< 0,1	< 4	< 0,1	< 0,01
<b>limit values acc. to STANDARD 100 by OEKO-TEX®</b>									
product class I	30	0,2	0,2	0,1	1,0	1,0	25,0 <sup>2</sup>	1,0 <sup>3</sup>	0,02
product class II	30	1,0	1,0 <sup>1</sup>	0,1	2,0	4,0	50,0 <sup>2</sup>	4,0 <sup>4</sup>	0,02
product class III	30	1,0	1,0 <sup>1</sup>	0,1	2,0	4,0	50,0 <sup>2</sup>	4,0 <sup>4</sup>	0,02
product class IV	--	1,0	1,0 <sup>1</sup>	0,1	2,0	4,0	50,0 <sup>2</sup>	4,0 <sup>4</sup>	0,02

Notes:

A Test after mechanical ageing (EN 12472)

<sup>1</sup> No requirement for accessories made from glass

<sup>2</sup> No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products.

<sup>3</sup> For metallic accessories and metallized surfaces: 0,5 mg/kg

<sup>4</sup> For metallic accessories and metallized surfaces: 1,0 mg/kg

sample	heavy metals in digested sample (total content) in mg/kg (ppm)	
	Cd cadmium	Pb lead
2 Beach towel - main fabric base: white; print: beige-red	<5	<5
<b>limit values acc. to STANDARD 100 by OEKO-TEX®</b>		
product class I - IV	40	90

sample	phenols in mg/kg (ppm)		
composite sample	Dichlorophenols sum 0,06 3,4-Dichlorophenol 0,06		
1 Beach towel - main fabric base: white; print: black, white, red, yellow, blue, green			
2 Beach towel - main fabric base: white; print: beige-red			
limit values acc. to STANDARD 100 by OEKO-TEX®	product class I	product class II-IV	
	Pentachlorophenol (PCP)	0,05	0,50
	Tetrachlorophenols (TeCP)	0,05 <sup>1</sup>	0,50 <sup>1</sup>
	Trichlorophenols (TrCP)	0,2 <sup>1</sup>	2,0 <sup>1</sup>
	Dichlorophenols (DCP)	0,5 <sup>1</sup>	3,0 <sup>1</sup>
	Monochlorophenols (MCP)	0,5 <sup>1</sup>	3,0 <sup>1</sup>
	o-Phenylphenol (OPP)	50	100

Note: <sup>1</sup> sum of isomers

sample	forbidden AZO-colorants cleavable arylamines of MAK-list III (category 1 or 2) in mg/kg (ppm)	
1a Knitted terry fabric base: white; print: black, white and red	n.d.	
1b Knitted terry fabric base: white; print: yellow, blue and green	n.d.	
limit value acc. to STANDARD 100 by OEKO-TEX®	product class I - IV n.d.	

sample	dyestuffs and pigments in mg/kg (ppm)	
1a Knitted terry fabric base: white; print: black, white and red	n.d.	
1b Knitted terry fabric base: white; print: yellow, blue and green	n.d.	
limit value acc. to STANDARD 100 by OEKO-TEX®	product class I - IV n.d.	

sample	chlorinated benzenes and toluenes in mg/kg (ppm)
1 Beach towel - main fabric base: white; print: black, white, red, yellow, blue, green	n.d.
<b>limit value acc. to STANDARD 100 by OEKO-TEX®</b>	<b>product class I - IV sum 1,0</b>

sample	colour fastness							to dry rubbing <sup>1</sup>
	to water		to perspiration					
			alkaline		acid			
1 Beach towel - main fabric base: white; print: black, white, red, yellow, blue, green	PES 4-5	CO 4-5	PES 4-5	CO 4-5	PES 4-5	CO 4-5	4-5	
<b>limit values acc. to STANDARD 100 by OEKO-TEX® product class I - IV</b>	<b>3</b>		<b>3-4</b>		<b>3-4</b>		<b>4 (3<sup>2</sup>)</b>	

Notes:

<sup>1</sup> No requirements for "wash-out" articles.

<sup>2</sup> For pigment, vat or sulphurous colorants a minimum grade of colour fastness to rubbing of 3 is acceptable.

Evaluation of colour fastness (in accordance with the fastness scale prescribed under ISO 105):

5 = best result, 1 = worst result

CO = cotton, WO = wool, CV = viscose, SE = silk, PES = polyester, PA = polyamide,

PAN = polyacrylonitrile (acrylic), CA = acetate

sample	organo tin compounds in mg/kg (ppm)	
composite sample 1 Beach towel - main fabric base: white; print: black, white, red, yellow, blue, green 2 Beach towel - main fabric base: white; print: beige-red	n.d.	
<b>limit values acc. to STANDARD 100 by OEKO-TEX®</b>	<b>product class I 0,5<sup>1</sup> or 1,0<sup>1</sup></b>	<b>product class II - IV 1,0<sup>1</sup> or 2,0<sup>1</sup></b>

<sup>1</sup>Compilation of the individual substances are listed in STANDARD 100 by OEKO-TEX® Appendix 4

sample	polycyclic aromatic hydrocarbons (PAH) in mg/kg (ppm)		
composite sample 1 Beach towel - main fabric base: white; print: black, white, red, yellow, blue, green 2 Beach towel - main fabric base: white; print: beige-red	n.d.		
limit values acc. to STANDARD 100 by OEKO-TEX®		product class I	product class II-IV
	Benzo[a]pyrene	0,5	1,0
	Benzo[e]pyrene	0,5	1,0
	Benzo[a]anthracene	0,5	1,0
	Chrysene	0,5	1,0
	Benzo[b]fluoranthene	0,5	1,0
	Benzo[j]fluoranthene	0,5	1,0
	Benzo[k]fluoranthene	0,5	1,0
	Dibenzo[a,h]anthracene	0,5	1,0
	<u>and</u> sum of all 24 PAH:	5,0	10,0

sample	Nonylphenol, Octylphenol and specific Alkylphenoethoxylates in mg/kg (ppm)	
	NP / OP	NP / OP / NP (EO) / OP (EO)
2 Beach towel - main fabric base: white; print: beige-red	n.d.	n.d.
limit values acc. to STANDARD 100 by OEKO-TEX® product class I - IV	sum <10,0	sum <100,0

sample	odour test
1 - 2	n.d.
limit value acc. to STANDARD 100 by OEKO-TEX®	product class I-IV no abnormal odour

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## CONCLUSION

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The material for which the certification was applied fulfils the specific requirements for product class II of STANDARD 100 by OEKO-TEX®.

The certification of the following article group is approved:

Beach towel produced from disperse printed knitted terry fabric made of 100 % polyester (printed in a limited range of 6 dyestuffs), including accessories (sewing thread, printed label); produced by using materials certified according to STANDARD 100 by OEKO-TEX®.

Each holder of certificate has signed for the quality of his articles on his own responsibility. This is in accordance with the given declaration of conformity. He is committed to ensure this by suitable and sufficient spot checks. This commitment includes the quality of bought materials, too. In the case of delegating parts of this quality assurance to others the certifying body must be fully acquainted (see point 4 "Conformity declaration").

Oeko-Tex® is authorized to carry out spot checks in order to inspect the certified goods. The certificate holder will receive a separate test report with the results of these inspections.

If the spot checks reveal a deviation from the limit values, additional tests will have to be carried out. The relevant costs will be charged to the certificate holder.

The applicant is responsible for checking the validity of the certificates issued to his suppliers.

If the term of validity of these certificates expires within the term of validity of the applicant's certificate, he is obliged to request updated or extended certificates from his suppliers.

Copies of updated certificates from suppliers should be presented as proof and for documentation purposes under the test number of the applicant's certificate.

The actual version of STANDARD 100 by OEKO-TEX® is edition 02/2017. It can be downloaded directly from the Oeko-Tex® Homepage (<http://www.oeko-tex.com>).

Head of Department Oeko-Tex®



Dipl.-Ing. (FH) Elisabeth Weisheit



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