

WHITE PAPER

OEKO-TEX

Product Testing and Certification

A quality system for product fitness
and use



Success through management excellence



Global Standards is happy to guide about Product Testing and Certification - OEKO-TEX in a way that can easily be understood. OEKO-TEX 100, term is particularly used for Product Testing references to hygienic and then Certification of its assurance.

In this white paper you will find the benefits of OEKO-TEX Certification and the need of this Certification

OEKO-TEX Standard is subject to a regular review under the rules by which all are written. Following a substantial OEKO-TEX committee decided that a review was appropriate and created the following objectives to maintain its relevance to current market for long term bases.



Oeko-Tex Standard 100 is an independent testing and certification system for textile products from all stages of production (fibres, yarns, fabrics, ready-to-use end products, including accessories) along the textile value chain.

The label 'Confidence in Textiles' of the product-related Oeko-Tex Standard 100 (textiles tested for harmful substances) is supplemented by the certification of environmentally friendly production facilities according to Oeko-Tex Standard 1000 and by the product label Oeko-Tex Standard 100plus for products tested for harmful substances from environmentally friendly production. It was developed in 1992.

Textile products can only be certified according to Oeko-Tex Standard 100 if all components comply with the required criteria – for an item of clothing this could be in addition to the outer fabric e.g. threads, prints, buttons/zips/studs or any other accessory parts. Extent and requirements of Oeko-Tex testing for harmful substances depend on the intended use of a textile product – the more intensive the skin contact, the stricter the limit values that may not be exceeded. There are four product categories:

- 1. I – Items for babies and infants (up to 36 months of age)**
- 2. II – Items with direct prolonged or large-area skin contact**
- 3. III – Textiles without or with little skin contact**
- 4. IV – Furnishing materials (for decoration purposes)**

After successful laboratory testing and signing of a declaration of conformity the manufacturer receives the Oeko-Tex certificate for their product which is valid for one year. After a repeat test, existing certificates can be extended for a period of one year in each case.

The test criteria and limit values on which Oeko-Tex testing for harmful substances is based are globally binding and are modified and expanded each year. The test parameters include:

- 1 substances banned by law
- 2 Substances regulated by law
- 3 Substances known to be harmful to health which have not yet been explicitly regulated by law
- 4 parameters for safeguarding health

Oeko-Tex 1000 replaces Step. Sustainable Textile Production (Step)' is a certification system for brands, retail companies and manufacturers from the textile chain who want to communicate their achievements regarding sustainable production to the public in a transparent, credible and clear manner. Certification is possible for production facilities of all processing stages from fibre production, spinning mills, weaving mills, knitting mills to finishing facilities and manufacturers of ready-made textile items.

OEKO-TEX® Standard 100plus is a product label that gives textile and clothing manufacturers the opportunity to advertise the human ecology optimisation of their products as well as their environmentally friendly production processes to consumers with just one label.

Global Standards welcomes to every organization willing for OEKO-TEX certification with open arms by implementing the plan full objectives and to get certified post of the efficient and effective consultancy with no pain of extra ordinary expenses. Global Standards assures for fit and minimum requirement of application in your organization for this certification.

BENEFITS OF OEKO-TEX STANDARD

- Validation of the degree of fulfilment of the Detox requirements through an audit and evaluation report
- Comprehensive approach to evaluate chemical management
- Reduction of hazardous chemicals in textile production processes
- Integration of preventive environmental protection through the implementation of management systems
- Comprehensive analysis of used and stored chemicals to enable a continuous examination and ensure compliance with legal requirements and demands of NGOs
- Transparency through communication
- Wastewater and sludge data can be published and checked online via OEKO-TEX® website (after data release)
- Full integration into the OEKO-TEX® product stewardship program by using the STeP by OEKO-TEX® software engine
- Strengthen the process and product safety for each step within the textile value chain



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