

## Green Textile Associates, Inc.

190 Bellew Carver Road / Spartanburg, South Carolina 29301  
Phone: 864-576-3730 / Fax: 864-576-9411

12/5/07

### Certificate of Conformance / 100% Organic Cotton Fabrics

In regards to production of organic cotton fabric produced by Green Textile for:

Land and Sky  
PO #: 016261  
OP-TV-9014 / Organic Cotton Polyester Velour  
Lot #: 51185B

Green Textile certifies the fabrics are certified organic as follows:

- a. Yarn used is certified organic cotton. Yarn certification(s) from vendor(s) are attached.
- b. All equipment used in the knitting processes of the greige fabric as it passed through each stage of knitting was physically and mechanically cleaned to remove lint and other contamination from non-organic based yarns and fibers. The greige fabric was processed in an isolation chamber to further eliminate potential contamination from other non-organic based yarns and fibers.
- c. No synthetic textile oils, synthetic waxes, and silicone based surfactants, silicone resins, or other synthetic based resins and synthetic gums were used in the knitting process of the organic fiber based fabrics.
- d. A natural based mineral oil was used in knitting of greige fabric.
- e. All greige fabric was bagged to prevent contamination of greige fabric after knitting, in storage at knitting mill or dye/finish facility.
- f. All equipment used in the processes of batching, scouring or dyeing, slitting, tumble drying, napping, padding, and framing organic fiber based fabrics as it passed through each stage of production were physically and mechanically cleaned to remove lint and other contamination from non-organic based yarns and fibers.
- g. All buggies used in storing the organic fabric as it passed through each stage of production were cleaned prior to use and were covered while the organic fabric was stored in the buggies.
- h. No synthetic textile oils, synthetic waxes, and silicone based surfactants, silicone resins, or other synthetic based resins and synthetic gums were used in the preparation of equipment or in the equipment while in use to process organic fiber based fabrics.
- i. The exact scour bath formula is kept on file along with MSDS for each ingredient in the dye or scour bath for review and/or audit.
- j. In scouring, we used one or more of the following: hot water; low impact and biodegradable anionic, cationic and non-ionic surfactants; citric or acetic acid; and protease, lipase, amylase and cellulase enzymes.
- k. In scouring, we did not use: hydrochloric or sulfuric acid as a processing ingredient.
- l. The exact bleaching formula is kept on file along with MSDS for each ingredient in the dye or scour bath for review and/or audit.
- m. In bleaching, we used one or more of the following: hot water; protease, lipase, amylase and cellulase enzymes, citric acid or acetic acid; or Soda ash, sodium silicate, caustic soda at a maximum concentration of 3% on weight of goods; and hydrogen peroxide at a maximum of 3% on weight of goods, if removed by a final enzymes and/or hot water and citric acid or acetic acid scour, so that no residual materials remain in the finished fabric.
- n. In bleaching we did not use: chlorine; sodium chlorite and sodium hypochlorite; optical brighteners and/or bluing; or perborate bleaches including sodium perborate and sodium monopersulfate, or heavy metals or mordants.
- o. The exact finishing agent formula is kept on file along with MSDS for each ingredient in the finishing bath for review and/or audit.
- p. Finishing agents to be used must be natural oils including coconut oil, banana oil, pine (tall) oil, or other natural plant or animal oils, natural fatty acids including oleic acid and stearic acid, other plant or animal acids, or tallow; and corn or potato starch; or Cationic softeners, as a finishing aid in Sanforization or finishing, or PVA (polyvinyl alcohol) in glazing or beetling finishing.
- q. In finishing the fabric we did not use: formaldehyde and formaldehyde-urea resins, silicone or silicone-based finishes, synthetic resins or resin based finishes, synthetic gums or gum-based finishes, synthetic oils, or synthetic waxes.
- r. The exact dye formula is kept on file along with MSDS for each ingredient in the dye bath for review and/or audit.
- s. The only dyes to be used will be natural, low-energy, non-metal, reactive dyes, bi-functional dyes, or low impact dyes.
- t. All fabric will be double bagged to assure that it is not contaminated during storage prior to shipment to the customer.

Based on all the knowledge and information that I have, this information is certified to be accurate and valid for all the aforementioned organic fabric.

Attachments: RL Stowe yarn merge -- 26/1 -- Lot SD3019



# R.L. Stowe Mills Inc.®

BELMONT, NORTH CAROLINA

## MANUFACTURER'S AFFIDAVIT OF ORIGIN FOR YARN

I, Marshall L. Johnson, Vice President of Marketing for R L Stowe Mills, Inc. do certify that the yarn described below and sold (or to be sold) to; **GREEN TEXTILE ASSOCIATES** period from **July 13, 2007** was produced (extruded, spun, or otherwise produced) by us as checked below:

(1) XX

The yarn was produced in the United States (check one of the following):

- (X).....Wholly of U.S.A. originating fibers and/or other materials.
- ( ).....In whole or in part of fibers and/or other materials originating in Canada, Mexico and/or the USA.
- ( ).....In whole or in part of fibers and materials imported from countries other than the three NAFTA countries.

(2) \_\_\_\_\_ The yarn was produced in Canada (check one of the following):

- ( ).....Wholly of Canadian originating fibers and/or other materials.
- ( ).....In whole or in part of fibers and/or other materials originating in Canada, Mexico and/or the U.S.A.
- ( ).....In whole or in part of fibers and/or materials imported from countries other than the three NAFTA countries.

(3) \_\_\_\_\_ The yarn was produced in Mexico (check one of the following):

- ( ).....Wholly of Mexican originating fibers and/or other materials.
- ( ).....In whole or in part of fibers and/or other materials originating in Canada, Mexico and/or the U.S.A.
- ( ).....In whole or in part of fibers and/or materials imported from countries other than the three NAFTA countries.

The street address of the manufacturing facility used to produce the yarn as described above is:

Name: \_\_\_\_\_ **R L STOWE MILLS, INC., STOWE SPINNING PLANT**  
Address: \_\_\_\_\_ **ONE BELMONT AVENUE**  
City, State, Zip: \_\_\_\_\_ **BELMONT, NC 28012 - USA**

(4) \_\_\_\_\_ The yarn was not formed in a NAFTA country and is a product of \_\_\_\_\_ **USA**

YARN STYLE NUMBER, NAME, OR DESCRIPTION: **26/1 100% ORGANIC CP RS KT - CONES**  
**HCC: 5205.23.0000; DTEX: 227.1**  
**LOT #SD3019**

**INVOICE 101135781 - NET LBS - 1,636; BOL# 103015776**

SIGNED:

**MARSHALL L. JOHNSON**

Title: **Vice President of Marketing**

Date: **July 13, 2007**

POST OFFICE BOX 351 BELMONT, NORTH CAROLINA 28012-0351 TEL. 704/825-5314

## What is bio-organic production ?

Gossypium, the cotton plant shows cotton fibers that grow around cotton seeds in a cotton boll.



Although cotton is a natural product with a very high yield ( 90 % cotton fibers in every cotton boll ), industrial cotton farming introduced techniques for production, harvesting and processing that are damaging for the environment.

Organic or biological cotton is grown, harvested and processed using sustainable methods. The soil must be free of chemicals for minimum 3 years ( during those first three years we talk about transition cotton ) :

- Use composted manures instead of synthetic fertilizers
- Cotton field rotation
- Innovative weeding techniques instead of herbicides
- Beneficial insects instead of pesticides
- Use a cotton picker to remove the cotton from the boll, leaving the plant intact. This as opposed to the use of a cotton stripper, who strips the boll off the plant after a toxic, chemical defoliant has been used
- Use of fully biodegradable detergents to clean the fibers
- Define an exclusive list of processing aids and ingredients that are allowed to be used in the complete production process of the cotton
- Define an exclusive list of substances that are allowed to be present in the final product, with their resp. limiting values or maximal concentrations ( compare with Ökotex 100, Nordic Ecolabel, EU Ecolabel )
- Demand that producers respect the local legislation and comply with minimal requirements such as : minimal basic payment, no child labour, availability of sanitary facilities, light and ventilation on the workfloor, regular breaks,...
- Aim at full biodegradability and recyclability ( long term aim, not a full obligation )

# Bio cotton

C.U.C. certified yarns

## **Who/What is C.U.C. ( formerly known as SKAL ) ?**

Control Union Certification is an inspection body for organic production  
( [www.controlunion.com](http://www.controlunion.com) )

The organic origin of Bekaert's biocotton yarns is certified by C.U.C.  
Each delivery comes with a C.U.C. Organic Certificate and is 100 %  
traceable to the roll of mattress ticking via an ISO 9001 certified raw  
material tracking procedure.

The C.U.C. requirements are based on the EU regulations EEC nr. 2092/91  
for bio-organic production.

C.U.C. certified cotton yarn producers are using the EKO quality symbol :



This symbol can only be used by companies who are registered and  
certified by C.U.C. for their end product ( and pay the fee ).

## **What is the value of a C.U.C. yarn certificate ?**

C.U.C. inspects farms, processing units and importers

C.U.C. examines soil, crop and tissue samples

C.U.C. does not accept genetically modified organisms ( GMO's ) and this  
applies to the whole production chain of the cotton