

# Spentex Industries Limited

Going Beyond Tomorrow...

(A Unit of Spentex Industries Limited, New Delhi)

## UNIT PROFILE

With its vision of going beyond tomorrow, it has shown a consistent performance and innovation to become one of the largest spinning enterprises in India. Its strength is deeply rooted in the finest quality of cotton and synthetic yarns it manufactures at its eight state of the art manufacturing facilities in India and abroad. Initially its installed capacity was 26000 spindles and now Spentex has increased its capacity to 65000 spindles, producing 50 tones of yarn per day. (Unit 1 with 29232 spindles is sending application for energy award. Unit 2 started with 36000 spindles in year 2007) Spentex Baramati is producing premium quality cotton yarn of counts ranging from 20s to 40s combed hosiery as well as warp yarn. In our new plant we have included core yarn, slub yarn and carded yarn for denim application (Average count of unit 1 is 30s).



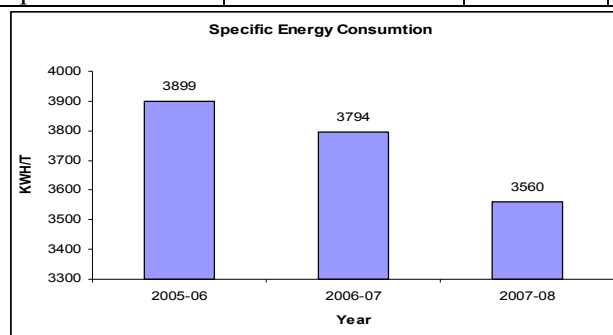
The yarn manufactured by Spentex has created brand image in the developed world. This has achieved through the deployment of state of the art machines and the quality test carried out with latest testing equipments.

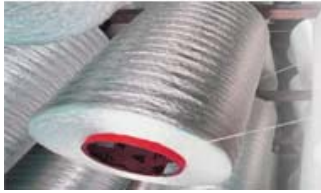
Spentex is ISO-9001:2000, ISO-14001:2004 certified company. Spentex is also certified with Oeko Tex Standard 100 Certificate, certifying our product suitable for baby wears. Spentex is recognized as a Trading house, by Government of India, Ministry of textiles. Spentex is also certified as an authorized user of Supima cotton.

## Energy Consumption

Spentex has made very good progress in energy conservation. Continuous efforts are going on to reduce energy consumption. Various energy conservation measures are identified through KAIZEN and implemented during last five years and it is ongoing practice now. Specific energy consumption during last three years is shown below. We observed steady decline in the energy consumption during last three years due to the continual efforts of our Energy Conservation Cell.

DESCRIPTION	UNIT	2005-06	2006-07	2007-08
Electrical energy	kWh/T	3899	3794	3560
Total manufacturing cost	Rs. Lakhs / Year	4888.83	5848.02	5234.98
Total energy bill	Rs. Lakhs /Year	626.95	857.54	776.07
Energy as % of total cost of production	%	12.14	13.14	13.66

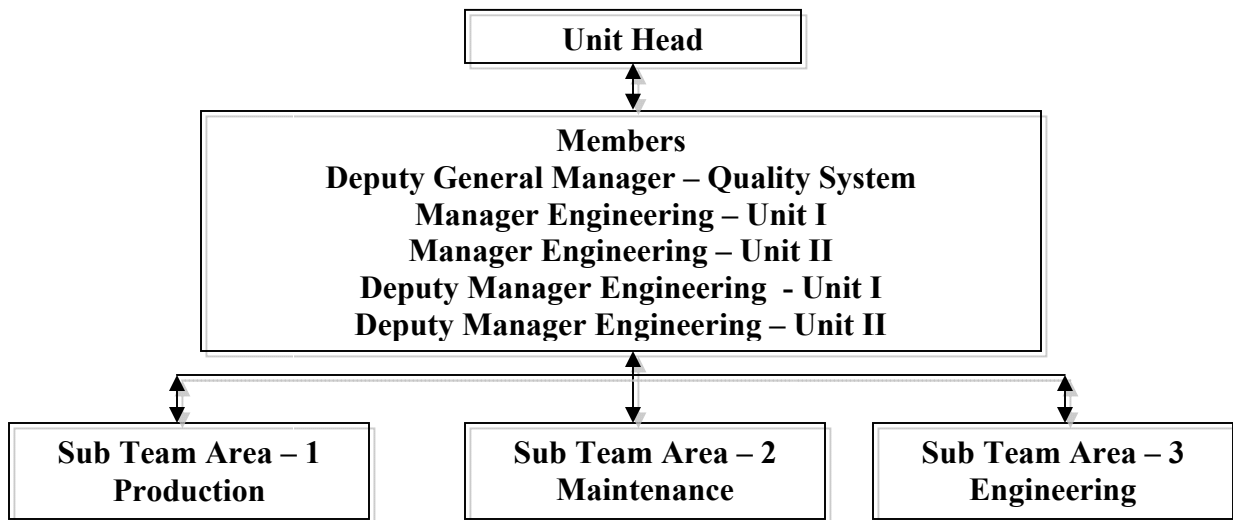




### **Energy Conservation Commitment, Policy and Set Up.**

Considering increasing power crisis SIL has realized that the only way out is the systematic use and conservation of energy. Since 1993 engineering team in SIL is putting continuous efforts to improve the performance of energy management and energy conservation. In the Year 2005 a formal energy conservation cell has been established. This cell is headed by the Unit Head and constitutes six sub committee in the organization. Sub committee consists 3 – 4 members from different areas headed by a team leader. Members meet once in a month and review the progress of the energy management projects and their progress. Members of Energy conservation cell also meets once in a month. Reports from sub committees will be reviewed in such meeting and decisions will be taken on proposals from sub committees and members of EC cell.

#### **Energy Conservation Cell Structure**



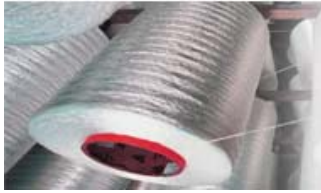
#### **ENERGY MANAGEMENT POLICY**

**We in Spentex Industries Limited, manufacturing Cotton Yarn are committed for energy conservation through implementation of effective energy monitoring and control measures.**

**We will upgrade our processes, operations and maintenance activities and communicate the energy management policy to all employees to reduce the cost of energy, as well as its consumption per unit of production.**

Date: 1<sup>st</sup> January 2007

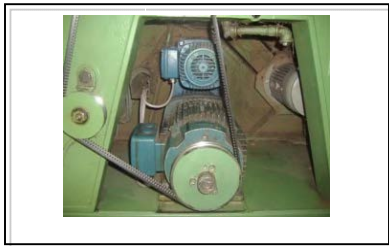
Assistant Vice President



## Energy Conservation Achievements

During the Year 2007-2008 we have achieved total savings of Rs. 13.21 Lakh KWH through the power saving projects implemented as detailed below.

1. All QA activities are now re-scheduled during 7.30 am to 7.30 pm and we started to switch off LAB AC for rest of 12 hours.
2. Modified ducting waste collection system and reduced one dust collector fan in Preperatory Humidification plant.
3. Replaced existing rewound old demag motor by LEDL energy efficient motors.



4. Installed Solar water heater system to reduce electrical heating load for hot water generation in the yarn conditioning machine.



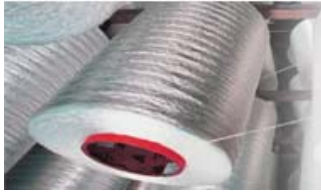
5. Installation of Electronic Opal ballast in place of copper choke



## Energy Conservation Plans and Targets

We have targeted energy saving of 2.52 lakh kwh per annum through :

1. the replacement of existing Ring frame pneumafil suction fan by energy efficient excel fans.
2. the replacement of existing 250 watts HPMV lamps of street lights by CFL ( 36 watt x 4) Lamps.
3. the replacement of existing Demag main motors of comber m/cs ( 5 nos.) drawing more power by LEDL dual winding motors.



## **Environment**

Spentex has implemented Environmental Management System since year 2001 and in the year 2002, certified with ISO-14001: 2004 for effective implementation of the same Environmental policy of Spentex is given below.

### **ENVIRONMENTAL POLICY (EP)**

We, at Spentex industries limited manufacturing 100% cotton yarn are committed for continual improvement in our environmental performance, prevention of pollution and conservation of resources.

To achieve this we shall

- 1) Comply with relevant environmental legislation and regulations and other requirements as applicable to our activities, products and services.
- 2) Upgrade the process, operations, maintenance and other practices to minimise adverse environmental impact.
- 3) Communicate the environmental policy effectively to all employees and ensure its implementation and maintenance, and also make environmental policy available to the public.

Mukund Choudhary  
Managing Director

Date: 15/05/2004

## **Safety**

All safety measures as per Factory Act 1948 are implemented in Spentex.. Job safety analysis and Safety Audit was carried out by M/s Renuka Enterprise Pune, in the year 2007. Considering the fire emergency plant is well equipped with fire hydrant system. Various types of fire extinguishers are placed at identified locations in the plant. Periodic mock drills and emergency preparedness test are being conducted. First Aid Boxes are provided at identified locations. Identified persons are trained for first aid and fire fighting. Smoke detectors and close circuit cameras are installed at important locations.

### **SAFETY POLICY**

We at Spentex Industries Limited, Baramati solemnly pledge to:

1. Safeguard life and property within the premises of Spentex Baramati and in the neighboring community.
2. Propagate a sense of safe working practices and safe condition in the plant, by our own initiative and by enthusing our colleagues.
3. Actively participation in the safety training activities and to share that knowledge with our colleagues.
4. Sincerely adhere to fulfill our duty and responsibility towards safety.

Date. 1<sup>st</sup> January 2007

B.D.Sharma  
Assistant Vice President