

## **EXPERIENCE OF THE MANDERSTAM GROUP IN THE TEXTILE INDUSTRY**

Assignments in the textile industry include the following:

### **PEOPLE'S REPUBLIC OF CHINA**

CLIENT: E.E.C

LOCATION: SHANGDOW – INNER MONGOLIA

Provision of on site diagnostic services and identification and costing of current technology required for building a new flax factory at Shangdow to produce 400 tons of combed sliver and 800 tons of cotton style flax per year. Comprehensive study of retting, scutching, hackling, carding, doubling, roving, combing, spinning, degumming and bleaching. Proposals were also made for utilities for effluent treatment and dust extraction.

CLIENT: E.E.C

LOCATION: LANXI FLAX SPINNING AND KNITTING COMPANY

Provision of site survey services for the design of a new flax mill and specifically the requirements and technical know how for operation of a 5,000 spindle machine. Also identification and costing of all equipment and utilities required.

### **SAUDI ARABIA**

CLIENT: ROYAL COMMISISON FOR JUBAIL AND YANBU

LOCATION: JUBAIL, SAUDI ARABIA

Work on the secondary industries in Jubail, Saudi Arabia, involved the production of synthetic textile fibres.

### **ANGOLA**

CLIENT: COMMISSAO PERMANENTE PARA O DESENVOLVIMENTO INDUSTRIAL PARK

LOCATION: HUAMBO

For an inception study of an Industrial Park in the District of Huambo, Angola, the establishment was recommended of 17 textile units to produce towels, fancy weavings, Jacquard, high quality woven material, canvas, denim and drill (twill), trousers and jeans, shirts and blouses, work clothes, socks and hosiery, knitted underwear, Jersey knitwear, tricot lingerie and embroidery, using cotton and/or synthetics. The recommendations were substantiated with market studies, plant economics and anticipated profitability. It was also recommended that they set up a 20,000 spindle-spinning mill at a later stage of

development of the industrial park. The study was carried out for the local government, at that time under Portuguese rule.

### **CYPRUS**

CLIENT: GOVT OF CYPRUS  
LOCATION: CYPRUS

On behalf of UNIDO, an Industrial Opportunity Survey in the Cyprus non-Turkish occupied area was conducted. This covered an examination of the status of the textile industry, an assessment of its efficiency and of expansion/diversification/export prospects, with recommendations for immediate and medium term actions.

### **UGANDA**

CLIENT: GOVT OF UGANDA  
LOCATION: UGANDA

On behalf of UNIDO, an Industry and Development Study was prepared for the government of Uganda. This covered, inter alia, an assessment of the whole textile sector (efficiency, scope for improvement with capital cost estimates and projected turnover, rehabilitation programme.)

### **INDONESIA**

CLIENT: PERTAMINA  
LOCATION: INDONESIA

In connection with the development of polypropylene manufacturing facilities (which came on stream some five years ago, the textile industry in Indonesia was surveyed for PERTAMINA, a government agency. All aspects were examined and critically analysed, from cotton/synthetic staple fibre blending, spinning, weaving, dyeing and finishing, garment, carpet and sacks manufacture. Raw material substitution was examined in depth for the production of apparel, upholstery, carpets, ropes, filter fabrics and sacks, via the manufacture of polypropylene tape for weaving or twine making, of fibrillated tape, monofilament and staple fibre. A spinning plant capable of producing monofilament and staple is under construction.

### **THAILAND**

CLIENT: MINISTRY OF OVERSEAS DEVELOPMENT  
LOCATION: THAILAND

A comprehensive study of the Development of Export Industries in Thailand was carried out on behalf of the Ministry of Overseas Development. Sectors relevant to textiles, which were covered in detail, were Thai silk, cotton, kenaf and kapok.

## **ETHIOPIA**

CLIENT: NATIONAL TEXTILE CORPORATION  
LOCATION: BAHR DAR, ETHIOPIA

Acting as consultants to the National Textile Corporation of Ethiopia for the rehabilitation of their integrated textile mill at Bahr Dar, a detailed assessment of the state of the existing plant and machinery has been carried out, together with a review of operating and maintenance procedures.

The project is divided into two phases: the first designed to bring the mill up to a reasonable level of efficiency and to improve the quality of finished fabrics, and the second to increase output by approximately 50%. Detailed cost estimates have been prepared and tender documents are to be issued in the near future.

## **BANGLADESH**

CLIENT: UNIDO  
LOCATION: ALL PARTS

A pre-investment study for the production of synthetic fibres was undertaken, covering cellulosic fibres, polyesters, polyamide, polyacrylics and polyolefines. The study included the current usage of man made fibres in Bangladesh and made forecasts of future demand. The impact of introducing more man made fibres on existing spinning/weaving facilities (including the handloom sector), was considered and the mill modifications necessary to spin synthetic/cotton blends were specified.