



Textile Professionals India

OVERVIEW

Textile Professionals India (TPI) consists of people who have worked in the industry and enjoy the confidence of hands on experience. They have gone through the grind of production and are aware of nitty gritty of shop floor. They understand the production and performance pressure on technicians as well as management.

WHY CHOOSE TPI?

TPI aims to assist the Industry by pooling the experience of field experts. They will be with the shop floor team to understand, analyse, guide and solve the problem. The expert will provide solution specific to problems referred rather than a general view of the issue.

SERVICES TO INDUSTRY

TPI offers a range of services starting from cotton quality, yarn quality improvement, productivity improvement in spinning and weaving, Waste reduction, machine balancing, scaling up production, designing systems of MIS, manpower recruitment and training, technology selection to project execution.

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SPINNING



India today is one of the largest producers of cotton and blended yarn in the world. It boasts of latest technology, state of the art machinery and best work practices. The yarn from India is exported all over the world. However, the variables in spinning starting from raw material, machine parameters, operating conditions and sequential stages of manufacturing make it a complex area to handle and pose a tremendous challenge even to the veteran spinners. Diagnosis of problem and implementation of solution both call for a high level of skill set from the staff.

We offer a range of services to Spinning Industry starting from raw material suitability for a given count to waste control to productivity improvement.

The services offered are,

- Yarn quality assessment and improvement to achieve Uster 5 % levels
- Effective use of process control techniques to improve yarn quality
- Enhancing Productivity levels in ring spinning
- Setting up quality system from raw material stage to final stage with a view to maximise quality and reduce costs
- Manpower assessment and job allocation for workers
- Selection of appropriate technology for a given count range and guidance in selecting right machinery
- Analysis of performance and suggestions for improving the bottom line of the spinning unit.



WEAVING



India has a wide variety of looms starting from hand looms to power looms to super high speed shuttle less looms. The trend obviously is more and more towards shuttle less looms entering the Industry.

In stark contrast to other looms, in case of shuttle less looms the production is limited by yarn quality specially so for cotton and blended yarn. This calls for a very careful preparation of warp beam in preparatory. Similarly, the weft has to take very high tension and needs judicious settings on loom. So the skill set to handle high speed looms are totally different compared to other looms. Many in the Industry suffer from low loom shed efficiency at 75 to 80 %.

The services offered are,

- Analysis of loss of efficiency and measures for improvement
- Systems of quality monitoring in weaving preparatory
- Reports of production, diagnosis of low production and its improvement
- Manpower assessment and job allocation for workers
- yarn quality requirement for achieving excellence in loom shed performance
- Grey inspection system and its interlinking with loom shed performance



PROCESSING



India has a well developed and booming garment Industry. This needs a range of fabrics like sheeting, piece dyed shirting, light weight dress materials, denims etc. A large number of modern processing units have come up to cater to these needs. The processing area is the latest to be modernised among spinning, weaving and processing in India. There is large scope to improve production as well as product quality and its consistency.

While a process house can be set up with latest machinery with in a year, establishing quality and systems takes 3 to 4 years. This leads to severe financial burden on the new set up. This is where TPI can help to minimise the settling down time.

Our support to Process House

- Establishing process control system with intermediate checks to achieve the targeted quality.
- Defining data requirements and reports for complete control of operations.
- Scaling up production by systems.
- Assessment of manpower requirements and role assignment.
- Process route optimisation.
- ETP monitoring as per State Pollution Board norms.
- Troubleshooting



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SERVICES OFFERED

PROJECT MANAGEMENT



The initial phase starting from conceiving the project to its full production requires a different skill set than required for running ongoing set operations. Based on our experience of setting up several large textile mills we are fully geared up to handle project management.

In this task we can be involved either as consultants or implementers on turn-key basis. We will guide in lay out, machinery selection, manpower recruitment, training, installation and commissioning of machinery, trial production and scaling up of production.

The daily operations report, monthly reports and quality system can be tailor made for the unit and as per management requirement. SAP can be implemented within 6 months after full production based on the vast experience we have in implementing such systems.

Cost reduction projects can be designed and implemented for efficient operations and maintaining a competitive edge in the market.

Techno economic studies can be carried out either for existing setup or for new set up as required.

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SERVICES OFFERED

TRAINING AND DEVELOPMENT



Arrival of modern technology and state of the art machinery needs an enlightened staff and operatives. Many a times machinery is commissioned by the supplier but management is not in a position to use it due to non availability of right quality manpower. Huge capitals is deployed in machine and infrastructure but are entrusted to staff and operatives who are not fully geared up to handle it. A focussed training can only rectify such anomaly.

We conduct training for staff in technical areas. The programme not only clarifies the basics of do and don'ts but also highlights the potential of modern technology and then benchmarks the modern technology for performance. The training puts the staff on a high motivation level leading to superior performance.

For Operatives we can estimate optimum workload and create job description. We can assist in organising the programme with an outside agency and monitor its efficacy of training.

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CEO PROFILE



Venkatapathi is B.Tech (Textiles), Gold Medallist from SKSJTI, Bangalore University and MBA (Finance) from Devi Ahilya University (DAV), Indore.

He has more than 34 years of experience in the Textile Industry. His recent assignments have been as head of mega projects like Birla Century, Bharuch, GHCL Textile division, Vapi, Welspun Sheeting at Anjar, Kutch, business Head of NSL textiles, Hyderabad and CEO of Woven division at Sinha Textile Group, Bangladesh.

He worked as Head of New Shorrock Mills, Nadiad, a flagship company of Arvind Mafatlal group. His Industry experience include technology absorption, reviving the production, scaling up operations, team building, setting up systems, operational issues, HR and IR issues apart from costing and financials. He was instrumental in quick results achieved in the new projects.

He was involved in Juran on quality improvement, ISO quality system, OKOTEX, Social security audits, Organic cotton and six sigma technique during his long tenure in the Industry. He has published several technical papers and chaired technical sessions in seminars and conferences. He has travelled abroad several times for ITME and other assignments.

His areas of interest are technology adoption, project management, operations, scaling up capacities, team building, training and setting up production monitoring systems, costing, Quality systems and techno economic studies of composite textile units.

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