

## ***SANJAY PARATE***

*M. Tech. (Fibre Science & Tech.)*

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**Senior level assignments in Project, strategic management and Manufacturing Operations with a dynamic and growth oriented organization of repute in POY/FDY Spinning & DTY industry / fully integrated polyester filament manufacturing industry with continuous polymerisation plant.**

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### **SYNOPSIS**

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A seasoned professional with **above 30 years** of experience in Project planning & execution, strategic management, manufacturing operations, technical cell, product development & maintenance operations in Polyester filament yarn manufacturing industry.

Have the distinct of holding top level positions in Textile industry for over 2 decades. Noted for problem solving and troubleshooting. Adept at working in fast-paced environment demanding strong organizational, leadership and interpersonal skills. Highly trustworthy, ethical and discreet, committed to exceptional customer service as well as driven by challenges.

Hands on experience in plant operations, plant erection & commissioning, modifications, maintenance, troubleshooting, safety, quality and environment as well as taking cost saving initiatives. An astute leader with ability to motivate subordinates in optimizing their performance levels.

### **CORE COMPETENCIES**

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#### **Strategic Management**

- Formulating pre-planned development strategies for achievement of goals and targets by identifying & developing new avenues for long term growth.
- Conceptualizing & implementing systems & operating procedures to optimize resource/capacity utilization in production operations.
- Directing preparation of business plans, market analysis, pricing analysis, purchase and negotiations, budgetary planning and control check.

#### **Project Management and modifications**

- Worked with Oerlikon (Barmag India) for project planning and execution, as process expert.
- Supervising project activities and handling the complete cycle of project management entailing requirement estimation and final execution of projects.

- Managing overall activities pertaining to erection and commissioning of a wide range of machinery system and equipments.
- Checking of specifications, layout drawings, equipment drawings, piping drawings, preparing specifications for enquiries and finalization of contract, leading team of various consultants & co-ordinating them.
- Plant modification to enhance capacity, productivity.

### **Production / Process Planning**

- Setting up production targets and achieve the same within time and cost parameters and optimizing man and machine utilization to achieve performance set production targets.
- Process control and quality assurance.
- Coordinating with CP for process parameter optimisation and DTY for product optimisation and new product development.
- Developing new process concepts for production optimization, yield improvement and development guidelines for the sequencing of manufacturing activities on the shop floor.
- Making procedure for proper finish product packing, storage and warehousing etc.
- Various speciality product manufacturing like Dope Dyed, full dull, black, cationic POY/FDY, Mother Yarn, Mono filament, Twisted yarn, DTY fancy and speciality yarn.

### **Maintenance / Operations:**

- Planning and effecting preventive maintenance schedules of various machineries to increase machine up time and equipment reliability.
- Identifying areas of obstruction/breakdowns and take steps to rectify the equipments through application of trouble shooting tools.
- Executing cost saving and energy saving techniques/measures and modifications to achieve substantial reduction in O & M Expenditures and work within budget.

## **PROFESSIONAL EXPERIENCE**

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**Presently associated with "Bhilosa Industries Pvt. Ltd and working as Plant Head (POY & FDY-Operations), from July'20 till date with plant capacity of 600 MTD CP. Earlier associated from Sept'13 ~ Jan'18 and looking after spinning process having Extruder spinning with dope dyed, black, full dull, cationic of 200 MTD with POY and FDY.**

Bhilosa Ind is well established organisation in Polyester manufacturing industry with CP, POY, FDY, dope dyed yarn, texturising and knitting units. Bhilosa Ind has total plant capacity of 3000 MT/Day CP and POY, DTY and Warp & Circular Knitting machines as downstream process at Silvassa and having further plan to expand with C P plant and downstream process POY, DTY, Air Tex and Warp & Circular knitting units.

**Earlier associated with Shubhalakshmi Polyesters Ltd." As Vice President (UNIT HEAD) from Jan'18 to June'20 at Silvassa unit.**

M/S. Shubhalakshmi Polyester Ltd is well established organisation in Polyester manufacturing industry with CP, POY, FDY, DTY having capacity of 700 MT/Day at Dahej and Extruder spinning with POY, FDY, Dope Dyed, DTY, ATY, TFO, Doubler, Mother Yarn and Mono at Silvassa unit having total capacity of 200 MT/Day. I am looking after Silvassa operations. We are further planning for the expansion of present capacity with addition of new POY/FDY/DTY and mother yarn with mono machines and up gradation of present machines to increase the production capacity.

**Working as unit head and looking after projects and operations.**

**Sept'10 ~ Aug'13 "Perfect Filaments Ltd." as Sr. Vice President (POY and FDY) for setting upcoming unit at Daman.**

M/s. Perfect Filaments Ltd. is well established organisation in Polyester textured yarn manufacturing industry. Perfect Filaments Ltd. has started its plant (as backward integration for there texturising unit having capacity 75 TPD) with POY manufacturing unit with 30 MT/Day capacity plant having Barmag Technology, further expanded to 70 TPD with TMT machinery. Having further expansion plan, initially with POY and FDY with Extruder base spinning unit upto 300 MT/Day till 2015 and later on with continuous polymerisation (CP) along with texturising machines as backward and forward integration.

Working as plant head and looking after projects and operations.

**Aug'08 – Aug'10 "Polygenta Technologies Ltd." As Team Leader (POY & DTY)**

setting up fully integrated polyester manufacturing unit backed up with Aquafil's continuous polyester polymerization plant, Barmag POY and Aalidhra texturising machines. Polygenta is building a state-of-the-art production plant in Nashik to produce the DTY with up to 50% recycled PET bottles. This will allow Polygenta to produce an eco-friendly and cost efficient product of high quality.

**Roles and Responsibilities**

- Successfully carried out planning, erection and commissioning activities for POY and DTY project with the help of Aquafil, Barmag and Aalidhra as Technology partners.
- Involved in preparation of project reports and budgets.
- Handled the resource mobilisation which was the first challenge for setting up a new textile plant in Nasik.
- Played a major role in saving costs, by purchasing quality machines at the best competitive price.
- Initiated implementation of SAP for POY and DTY teams.

**May'06 – July'08 "Indorama Synthetics (India) Limited." As Asst. General Manager (POY-Projects)**

IndoRama Synthetics (India) Limited is an ISO-9002 and 14000 certified company. IndoRama has started production of POY polyester Chips, POY and FDY filament yarn, Staple fibre and Draw Textured yarn in June 1994 with production capacity of 700 TPD with technical collaboration of Dupont Inc USA, Thoyobo Japan and Barmag Germany. Spinning process incorporates direct spinning, having CW 6 and 8-end auto doffing winders. IndoRama has completed its first phase of expansion to increase its production capacity to 15,000 TPD in Oct-2006 and Mar-2007, with Zimmer CP for POY and PSF both and Barmag spinning for POY with ACW 10-end winders and Zimmer draw line for PSF.

**Roles and Responsibilities**

- Headed the CP-5 POY unit having 400 TPD production capacities.
- Actively involved in all the project activities including erection and commissioning of CP-5 POY unit
- Special assigned responsibility to manage CP-1 unit and TEG plant.
- Execution and monitoring the detail engineering activities.
- Follow up with the vendors during equipment manufacturing.
- Supervision of piping and equipment erection.
- Successful commissioning of the Barmag direct spinning line.

- Managing day-to-day activities and smooth functioning of the plant.
- Quality production towards maintaining ISO-9002 norms.
- Budgeting and inventory control.
- Visiting Customers for Quality related problems

**Feb'04 – May'06 Barmag India Ltd. (Presently Oerlikon Textile India Ltd) as a Senior Process Expert.**

A 100 % subsidiary of Barmag AG Germany, presently known as **Oerlikon Textile**

**Roles and Responsibilities**

Responsible for project planning, commissioning and start up activities for various start up of projects.

**Various Projects:**

➤ **M/s. Reliance Industries Ltd. Hazira, Surat.**

➤ Have successfully commissioned this project which included continuous polymerisation from Chemtex Engineering and Barmag spinning. 23 lines (32 positions) comprised of POY, FDY, (Cross Flow and radial quenching). Dope dyed system was also the part of this project.

➤ **M/s. Garden Silk Mills, Surat.**

Have commissioned this project which included CP from Chemtex Engineering and Barmag spinning, (5 lines 48 winders each) Barmag's latest development, back to back spinning from polymer line to ACW 10-End winders with godet and back to back spinning.

➤ **M/s. Rajashree Polyfil Bharuch.**

Have commissioned this project which included polymer connection to existing C.P. with Booster pump, polymer transfer line, spinning (5 lines, 24 positions each) and Barmag ACW winders with godets and intermingling.

➤ **M/S. Sonmez filaments, Turkey.**

Have commissioned this project which included polymer connection to existing continuous polymer plant with booster pump, continuous vertical filters, spinning, and Barmag ACW winders with godets and intermingling.

➤ Successful commissioning and start up of projects like **M/s. Paras Petro Ltd. Surat, M/s. Garden Silk Mills Ltd. Surat, M/s. Wellknown Polyester Daman, M/s. Reliable Yarn Nepal**. These projects included extruder spinning and ACW winders with godets and intermingling.

➤ Commissioning and start up of Vibasiat, Italy parallel spinning plant with ACW and ASW winders at **M/s. Nafis Nakh, Iran**.

➤ Industrial Visit to M/s. Sarla polyester, Silvassa for process related problem for industrial yarn and to M/s. Century Enka, Pune, for winder and process related problem.

**Trainings:**

➤ Undergone two weeks training at Barmag AG, Germany for Start up training for industrial yarn machine like polyester HM, HMLS and LS yarn.

➤ Two weeks training at Barmag AG Germany, for POY spinning machine like ACW, ASW winders, Pumps (metering pumps, spin finish pumps, booster pump) and other related machines.

### **Dec'95 – Jan'04, JBF Industries Limited as Sr. Manager (Spinning)**

JBF is an ISO-9002 certified company. It started production of POY polyester filament yarn in June 1996 with production capacity of 18,000 TPA in technical collaboration with Kohap Inc., South Korea and IDEA as technical consultant.

Spinning process incorporates extruder (JSW) spinning, having Teijin Seiki AW-212/8A auto doffing winders and Buhler's chips drying system. JBF has completed its first phase of expansion to increase its production capacity to 32,000 TPA in July 1998, with Barmag extruder, cvf, CW-6 craft winders and Buhler's chips drying system. JBF has further increased its production capacity to 36,000 TPA in July 1999 with Teijin Seiki NS-412 & NS-612 auto doffing craft winders.

JBF has started Polyester chips manufacturing plant with a capacity of 43200 TPA in March-01 and further increased its capacity to 86400 TPA from Sep-01.

#### **Roles and Responsibilities**

- Actively involved in all the project activities including erection and commissioning of the plant.
- Active member of core team involved in achieving ISO-9002 certificate and working as Deputy Head of spinning department.
- Actively involved in implementation of ERP-JD Edwards system.
- Implementation of various modifications in spinning section.
- Visiting customers for quality problem.

#### **Trainings:**

- One week training in Kohap plant at Ulsan and Seoul, South Korea.
- Attended training course of ISO-9002 implementation program organized by ERTL (W), Mumbai.
- Implementation of JD-Edwards ERP module.
- Attended training course on statistical quality control management organized by ERTL (W).
- Attended 5 days training program at Barmag India Service at Baroda for CW-6 craft winders.

### **Mar'94 – Dec'95, Sanghi Polyester Ltd. as an Engineer**

Sanghi Polyester is an ISO-9002 certified company having 58,000 TPA polyester filament yarn manufacturing unit in collaboration with Kohap Inc. South Korea and IDEA as technical consultant.

Spinning process incorporates both direct spinning and extruder spinning process. Polymerization and spinning is supplied by Kohap while take-up is supplied by Murata auto doffing winders and Barmag CW-4 craft winders with Konair Franklin and Hosokawa chips drying system.

#### **Roles and Responsibilities**

Independently managing shift operations of Polyester POY spinning plant.  
Trouble shooting in a running plant.  
Efficient running of the plant.

**Jan'91 – Mar'94, Raymond Synthetics Ltd.**

Raymond Synthetics is 25,000 TPA polyester filament manufacturing unit having Toray Inc. Japan as technical collaborator. Spinning process incorporates extruder (JSW) spinning & batch polymerization. Toray supplies polymerization, spinning & take-up, while chips drying system is by Kawata drying system.

**Roles and Responsibilities**

Independent shift operation of Polyester POY spinning plant.  
Trouble shooting in a running plant.  
Efficient running of the plant.

**Key Highlights**

**ACADEMIA**

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- **M. Tech.** (Fibre Science & Tech.) from IIT Delhi Dec - 1990.
- **B. Text.** (Textile) from VJTI Mumbai June - 1989.

**ACCOLADES**

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Single point responsibility of implementing ERP in POY manufacturing unit and head of ERP for manufacturing module. Implemented ERP in record time of 3 months

**PERSONAL DOSSIER**

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Date of Birth : 03rd April 1967.  
Languages Known : English, Hindi & Marathi

**References:**

**Mr. C. V Khandelwal (President)**  
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