

BRIJESH KUMAR

(M) +91 8249093157, +91 8093882732

E-mail id: brijesh12021993@gmail.com

**Present Communication Address**

I Life Medical Devices Pvt. Ltd

86, Sector 56, Phase IV

I.E. Kundli, Sonapat

Haryana – 131028 (INDIA)

Preferred Location: Anywhere in the globe.

Objective: To secure a position as a Material Science Engineer in Polymers, Plastics, Rubber, Chemicals & Petrochemicals industry and support the company by imparting my knowledge in manufacturing, operations including Product Development, Processing, Machinery & Equipment selection and tool die selection as well as Plant operations, Research & Development and Project management.

Scholastics:

Qualification	College/University	Year of passing	Class/Division
Master of Science & Technology (5 Years Integrated) (Material Science & Engineering)	Central Institute Of Plastics Engineering & Technology (Gov. of India) Bhubaneswar/ Utkal University	2017	65%
12th	Uttar Pradesh Board	2012	74.5%
10th	CBSE Board	2010	6.8 CGPA

Current Company: I Life Medical Devices Pvt. Ltd**Designation:** New Product Development Manager**Product:** IV cannula, PVC suction Tube, FEP Tube, TPU(PUR) Tube, PTFE Tube**Current Salary:** 10.4 Lakh**Expected Salary:** 12.5 Lakh**Negotiable Present there:** 1st July 2023**Notice Period:** 1 Month

Manufacturing Technologies / Process Optimization: Identify and implement improvements in manufacturing processes to enhance efficiency, reduce costs, and improve product quality.

Quality Control: Develop and enforce quality standards to meet or exceed customer expectations, ensuring products meet specifications and regulatory requirements.

Continuous Improvement: Foster a culture of continuous improvement, implementing Lean or Six Sigma methodologies to drive efficiency and eliminate waste.

Team Leadership: Lead and motivate cross-functional teams, providing guidance and support to ensure alignment with production goals and objectives.

Performance Metrics: Establish and monitor key performance indicators (KPIs) to assess manufacturing performance and identify areas for improvement.

Technology Integration: Explore and implement new technologies to enhance manufacturing capabilities and stay abreast of industry advancements.

Collaboration: Work closely with other departments such as engineering, quality assurance, and supply chain to streamline processes and address production challenges.

Training and Development: Provide training programs for manufacturing staff to enhance their skills and ensure they adhere to best practices.

Budget Management: Manage budgets related to manufacturing processes, making cost-effective decisions without compromising quality.

Compliance: Ensure compliance with industry regulations, safety standards, and environmental guidelines.

Risk Management: Identify and mitigate risks associated with manufacturing processes to maintain a safe and efficient production environment.

Current Company: POCL Enterprises LTD

Designation: Plant Manager

Product: Ca – Zn PVC Stabilizer

Present here: 16 June 2021 to 30 June 2023

- Production Planning, Negotiating & Arranging for Transport
- Co-coordinating with Marketing team for Order Execution through our ERP
- Overseeing Manpower Management activities
- Co-ordinating with suppliers/customers regarding dispatches/payments,etc.
- Set Daily / Weekly / Monthly Planning and Communicate to the Production Team
- Plan and Allocate the Manpower both Supervisor and worker Category for Execution of Production Plans
- Ensure the safe use of Production Equipment and schedule regular maintenance
- Ensure production output according to the Product Specification
- Submit reports on performance and progress to Management

- Identify Issues in efficiency and suggest Improvements to increase efficiency
- Train new / existing Manpower on machine operations, safe use of machinery and appropriate use of Raw materials / Consumables

- Ensure strict safety Guidelines and Company Standards
- Responsible for Preparing ISO Documents as per the Standards and Implement the same in the workplace
- Plan the Quality Objectives of the Production Department and Achieve the same by standard Procedures
- Examining factory expenses and sending to Head Office for payment approval.
- Constant monitoring of factory expenses such as repairs, etc. and preparation of necessary Costing statements
- Manage all kinds of Internal & External audits such as ISO Audit, Stock audit, Customer audit & Supplier audit
- Responsible for renewing of statutory licenses

Work Experience: Tara Mercantile Pvt.

Ltd. Designation: Plant Manager

Product: Chlorinated Paraffin, Hydrochloric Acid and Sodium Hypochlorite

Present here: 1st Sept. 2020 to 15 June 2021

Job Responsibilities:

- Plan, organize, direct and run optimum day-to-day operations
- Develop and drive continuous improvement initiatives
- Participate in various activities related to safety, quality, productivity, innovation, information and data security, supply management, marketing, people management, HR and other delivery
- Be responsible for production output, product quality and on-time shipping
- Allocate resources effectively
- Prepare budgets using various forecasting models
- Implement strategies in alignment with strategic initiatives and provide a clear sense of direction and focus
- Build and maintain a trusting relationship with employees
- Communicate with employees about performance expectations
- Give useful feedback to employees
- Recruit, hire and onboard new staff
- Determine KPIs and measure them on a regular basis
- Ensure smooth daily operations
- Adhere to company's rules and regulations
- Stay up to date with latest production trends, best practices and technology.

Work Experience: Horizon Polymer Engineering Pvt. Ltd.

Designation: Sr. Engineer – Technical Services (Process & Product Development)

Products: Manufacturing of PTFE Pipe Liners, PFA, FEP Different valves and Pipeline Fittings & PTFE Solid Spacer.

Present here: 20 August 2018 to 30 Aug 2020

Job Responsibilities:

- Process for Improving Efficiency.
- Cost Reduction.
- Develop Products as per required by Customer.
- New Product Development.
- Oversee Research & Design Team.
- Develops project objectives by reviewing project proposals and plans conferring with management.
- Maintains project schedule by monitoring project progress; coordinating activities; resolving problems.
- Prepares project status reports by collecting, analyzing, and summarizing information and trends, recommending actions.
- Contributes to team effort by accomplishing related results as needed.
- Lead Testing Procedures & Draft specification for Manufacturing.
- Communicates with customer to establish performance goals and objectives and discusses material and design alternatives with customer design engineers.
- Applies ingenuity and knowledge of a broad range of porous plastic manufacturing processes in determining the selection, layout, details.
- Works with or supervises engineering tech(s) in developing prototypes for complex products and/or processes.
- Selects optimal material to meet customer functional requirements and balances customer and manufacturing requirements to optimize geometry for manufacturability.
- Prepares customized reports, analyses or technical bulletins for customers as requested or as appropriate to document performance characteristics under various operational conditions, Prepare technical documentation or white papers for marketing materials.
- Coordinates work with and selection of outside vendors for capabilities not available internally.
- Responsible for development, troubleshooting and enhancement of multiple existing products to improve performance and customer satisfaction.
- Prepares status reports and project plans as needed.

Work Experience:

Designation: Assistant Production & Quality Control
Company: SHREE TNB POLYMERS LIMITED
Products: Manufacturing of HDPE/ PP Pipes & Irrigation Pipe
Present here: 12 Feb 2017 to 8 August 2018.

Job Responsibilities:

- Planning and Organizing **Production** schedules.
- Determining Quality Control Standards.
- Overseeing Production Processes.
- Organizing the repair and routine maintenance of Production Equipment.
- Supervising the work of junior staff.
- Ensure that Products meet certain Standards of Quality & Formulate Quality control Policies.
- Also work to improve an organization's efficiency and Profitability by reducing waste.

Summary of Skills

- Excellent communication, presentation, and organizational skill
- Analytical and problem -Solving Skills
- Research & report- writing Skills
- Creative & Independent Thinking
- Time Management, Planning, and organization skills
- Commercial awareness and Business skills
- Strong negotiation, sales, and marketing skills
- Remarkable analytical, IT competency, and Team building skills
- Ability to work with Production, Quality, Research & Development, and management Team
- Skilled in market research, and developing and implementing marketing strategies

Others skills and abilities

- Ability to work effectively in a team environment and coordinate multiple activities with a wide variety of disciplines within the company.
- Knowledge of DOE, FMEA and statistics used in the product development process.
- Excellent project management and writing skills.
- Ability to work culture of Six Sigma Green Belt with DMAIC & DMADV Process.

Project:

- ❖ PTFE Solid Spacer (Ring types)
- ❖ Paste Extrusion Process for PTFE Pipe Liners
- ❖ Reduce-Reuse- Reprocess of PTFE (High Performance Polymer)
- ❖ Heat Exchanger (PFA Tubes)
- ❖ FEP Tube

PLASTIC PROCESSING:

Injection Molding, Extrusion Molding, Blow Molding, Thermoforming, Calendaring, Rotational Molding, Compression Molding, Transfer Molding, Plastic Foam Molding, Sintering, Paste Extrusion, Ram Extrusion, Isostatic Molding.

COMPOSITE PROCESSING:

Hand layup, Resin Transfer Molding (RTM), Reaction Injection Molding (RIM), Vacuum- assisted resin Transfer Molding (VARTM) Compression molding, Injection molding, Filament winding, Pultrusion Process, Tube rolling, Centrifugal casting, Extrusion.

PRODUCT TESTING:

Universal Testing Machine (UTM), Melt Flow Index Test, Carbon Black Dispersion Test Carbon Black Contain Test, Hydrostatic Pressure Test, Density Test, Tensile Test, Impact Test.

MATERIAL CHARACTERIZATION

Differential Scanning Calorimeter (DSC), Thermo Gravimetric Analysis (TGA), Differential Thermal Analysis (DTA), Spectroscopy Scanning Electron Micrograph (SEM), Transmission Electron Micrograph(TEM).

Academic Projects

Master of Science& Technology (Material Science &Engineering)

Project name: Mechanical Properties of Fiber Reinforced Polymer Composite Doors.

Guide Name: Mrs. N. PATNIAK (Managing Director) ||

Organization: M/s Fiber Space Composite Pvt. Ltd A/25 CNI Complex Patia Bhubaneswar, Odisha

Vocational Training

- **M/s Fiber Composite Private Limited, Chandaka Industrial Estate, Bhubaneswar, Odisha.**
- Period-16 June 2014 to 21 June 2014
 - **Entrepreneurship Development Program under Ministry of MSME**
Period-13 February 2015 to 27 February 2015
 - **Lingaraj Pipes Private Limited. Bhubaneswar, Odisha**
Period -7 June 2015 to 7 July 2015
 - **Dazzle Pvt. Ltd. (Water Treatment Plant) Bhubaneswar, Odisha**
Period-20 December 2016 to 29th December 2016
 - Certificate Course in FIRE SAFETY of three months with 70% marks
 - Certificate Course in Startup India Learning Program, April 16, 2017
 - Certificate on SIX SIGMA
 - Lean Six Sigma Yellow Belt Certificate
 - Lean Six Sigma Green Belt Certificate
 - Digital Marketing Certificate
 - Master project Management PMP/PMI

Hobby: Playing Cricket, watching movies, listening to Music, Playing computer games

Personal Skill:

A dynamic individual with highly motivated & positive attitude towards life extremely energetic, flexible, quick learner, punctual, eager to work in group, & willing to relocate anywhere for the job, if required.

Motto: Be good do good

Presentations

Poster: Poster Presentation on International Conference on “**Advancement in Polymeric Materials**”
(APM- 2013).

- Attended the Advancement in Polymeric materials LARPM, CIPET.

Computer Proficiency:

IT Competency Knowledge
Power point Presentation
Ms. Office, Internet &Email

Area of interest: Production, Quality Control, Research& Development.

Languages Known:

Language	Read	Write	Speak
English	Y	Y	Y
Hindi	Y	Y	Y
Oriya	N	N	Y

Personal Details:

Date of Birth : 12th February 1993
Father's Name : Rajendra Prasad Yadav
Mother's Name : Vimala Yadav.
Marital Status : Married
Blood Group : 'A'+ve
Passport No : P0331920 valid up to 2026
Nationality : Indian

Permanent Communication Address:

Vill. & P.O. : Plot No. 5, KH 221, Awadhपुरi Khargapur
P.S. : Gomti Nagar Lucknow
Dist. : Lucknow
PIN Code : 226010
State : Uttar Pradesh India

Declaration:

I declare that all the information stated above are true to the best of my knowledge & documents can be arranged in or around your place.

Place –Sonipat Haryana (India)

Signature.....

Brijesh Kuma